



# WESTERN MISSOURI MEDICAL CENTER

**Community Health Needs Assessment**

**October 2022**



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## **Introduction**

The Patient Protection and Affordable Care Act requires hospitals with a 501(c)(3) tax-exempt status to complete a community health needs assessment (CHNA) once every three years. They must solicit input from persons who represent the broad interests of the community served by the hospital, including those with special knowledge of, or expertise in, public health. Western Missouri Medical Center (WMMC) solicited input using modalities such as surveys and focus groups comprised of individuals representing the broad interests of the community served. A review of the 2019 CHNA and the secondary data resources available from the [exploreMOhealth](https://exploreMOhealth.org/) platform (<https://exploreMOhealth.org/>) was conducted as required of the process. This report provides a thorough description of the following.

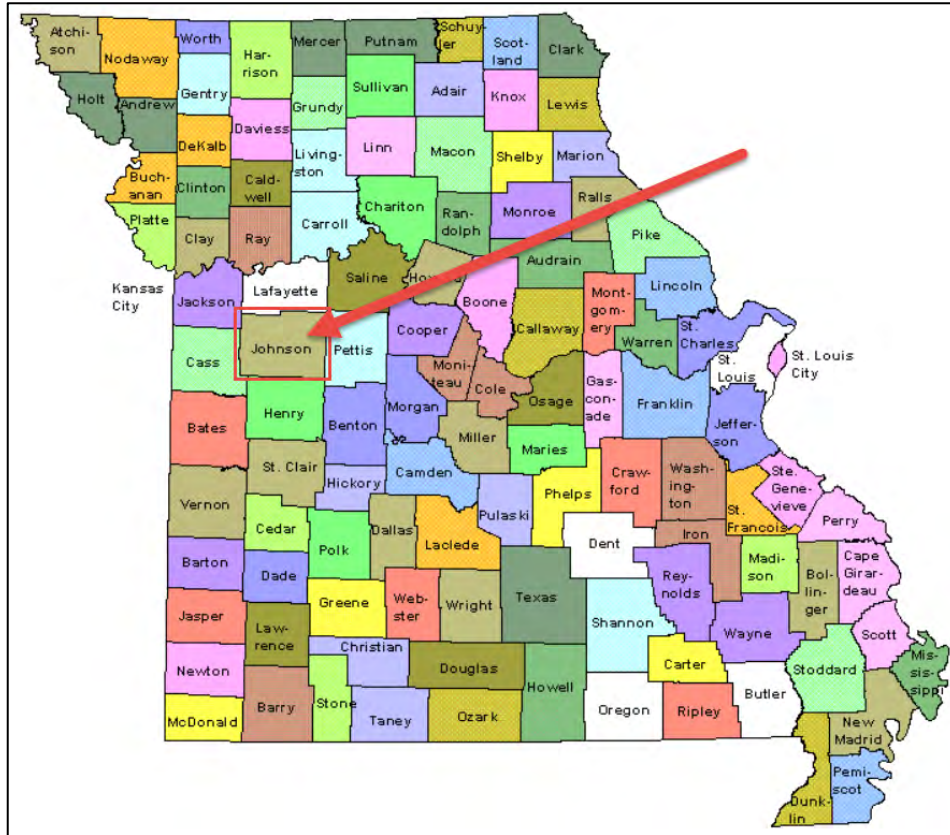
- The community served by the hospital
- Process and methods used to conduct the assessment
- Approach used to plan, develop and conduct the assessment
- A prioritized description of all community health needs identified through the CHNA process
- A description of the existing health care facilities and other resources within the community available to meet the community health needs identified through the CHNA

The following dimensions of health were assessed to identify the current gaps for individuals, community and the population within the primary service areas: demographics, social and economic factors, behaviors, clinical care/access, environmental, mortality and quality of life. This powerful and innovative platform revealed the following top issues based on the ZIP Health Rankings Report for the FY 2019-2021 hospital inpatient, emergency department and outpatient diagnosed cases per 1,000.

- Chronic Diseases
  - Arthritis
  - Cancer
  - Diabetes
  - Heart disease
    - Hypertension
- Emergency department utilization
- Mental health

A secondary data analysis was conducted to help identify the top issues in the primary service areas served by WMMC. The [exploreMOhealth](https://exploreMOhealth.org/) platform was used to help identify disparities at the ZIP code level due to its innovative analytic capabilities. Having detailed, local information on health factors and outcomes in places where Missourians live can help stakeholders and partners take the appropriate actions to create and sustain healthy communities. The information gathered can help organizations target interventions with precision.

Primary data derived from the survey and information gathered from the focus group were included in the analysis and overall report to help paint a clear picture of the issues facing this region. The 2019 CHNA findings were considered in the identification and prioritization of the 2022 top issues.



Source: Missouri Office of Administration

## **Executive Summary**

### **Community Defined and About Western Missouri Medical Center**

WMMC is a not-for-profit county medical center located in Warrensburg, Missouri. Warrensburg is the county seat of Johnson County and located in the west central part of Missouri, approximately a 40-minute drive southeast of the Kansas City metro. Johnson County is home to the University of Central Missouri (UCM) and Whiteman Air Force Base (WAFB), which are two of the largest employers in the area. Johnson County is WMMC's primary service area as the vast majority of patients served reside in Johnson County, Missouri. Secondary service areas include parts of Lafayette, Pettis and Henry counties. WMMC offers comprehensive inpatient and outpatient services. WMMC's mission is to work as one to serve its community with excellence and compassion.

WMMC's secondary data analysis provided a comprehensive analysis of Johnson County's geography and population metrics such as ZIP codes, square miles, total population and demographic breakdown, and population density among other measures. A list of community health providers and resources are available in the appendices to help provide information necessary to promote access to care.

### **More About Western Missouri Medical Center**

The Medical Center was founded on July 31, 1963. Since that time, WMMC has continued to evolve – completing a state-of-the-art, \$51.5 million Patient Tower in 2011. WMMC has positioned itself as a strong, independent health system, offering a wide array of specialists so families can receive exceptional and compassionate care close to home. The hospital puts patients and the community first in everything it does. WMMC's quality of care has received national accreditations and awards.

WMMC is driven by their mission, vision and values:

- Mission – Work as one to serve its community with excellence and compassion.
- Vision – Create a legacy of commitment to exceptional patient and employee experiences.
- Values
  - Compassion – Care delivered with kindness, with respect and without judgment.
  - Collaboration – Build and nurture meaningful relationships to work together.
  - Courage – Advocate for the best interest of its patients, employees, community and WMMC.

WMMC takes pride in the strength of their obstetrics, surgical and specialty capabilities and inpatient services, as well as diagnostic outpatient clinics and services. In addition, WMMC

offers excellence in rehabilitation services and emergency care that includes Time Critical Diagnosis Designations.

The inpatient services health care team is specially trained to provide care to pediatric, adult and elderly surgical patients.

- Diabetes Treatment
- Full Surgical Capabilities
- Hospitalists
- Intensive Care Unit
- Medical/Surgical Nursing Unit
- Obstetrical/Labor and Delivery Unit
- Rehabilitation
- Respiratory Therapy
- Social Services
- Dialysis Services
- Telemedicine Services
  - Endocrine
  - Nephrology
  - Critical Care
  - Neonatology

WMMC physician services offers a broad range of specialists and services to meet the health care needs of families. From family health care, internal medicine and OB/GYN care to general and orthopedic surgery and cancer, WMMC provides advanced treatment close to home. Services offered on an outpatient basis include:

- Anesthesiology
- Cardiology
- Ear, Nose and Throat (ENT)
- Emergency Medicine
- Express Care
- Family Medicine
- General Surgery
- Hematology/Oncology with Clinical Trials
- Hospitalists
- Internal Medicine
- Interventional and Non-Interventional Pain Management
- Nephrology
- Obstetrics and Gynecology
- Orthopedic Surgery
- Pathology
- Pediatrics
- Pulmonology
- Radiology
- Rheumatology
- Sleep Medicine
- Urology
- Wound Care

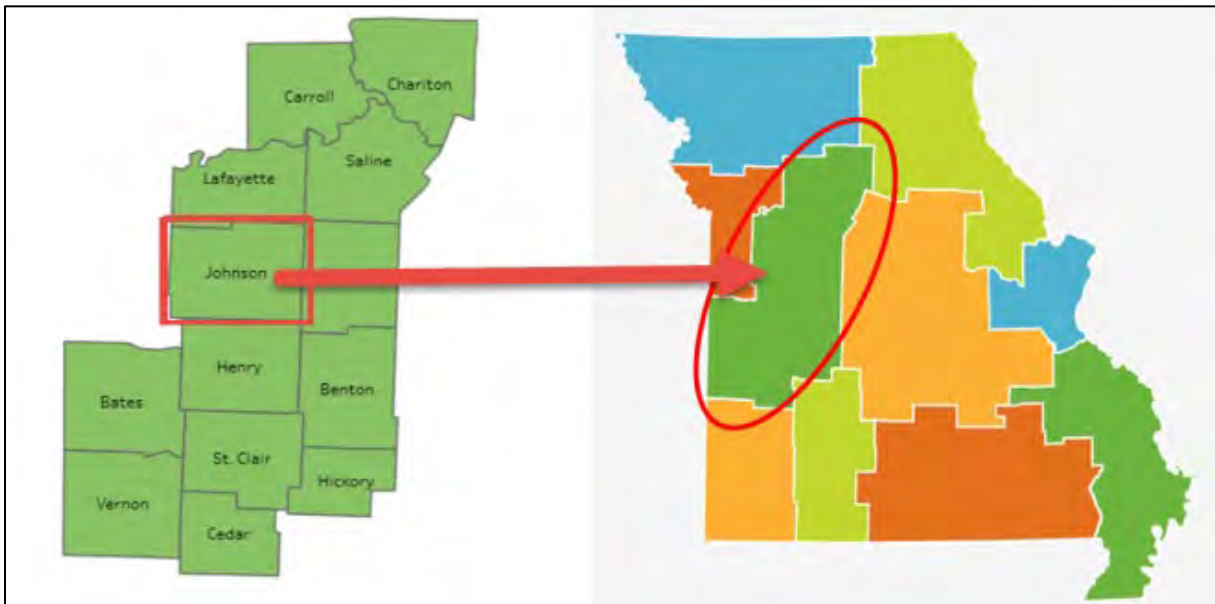
WMMC offers quality, full-service emergency medical care, 24 hours a day, seven days per week.



## Occupations by Projected Growth

According to the Missouri Economic Research and Information Center regions, Johnson County, the primary service area of WMMC, is located in the west central region of Missouri which is comprised of 13 counties. Health care and social assistance and manufacturing are the region's top industries. The University of Central Missouri is a large government employer in this region. Economic data is gathered to gain insights and provide key information necessary to understand the economic status of the region. This information is in turn used by community members, employers and policy makers to identify gaps, thus helping strategize ways to address them as required for economic stability. The largest government employers are Whiteman Air Force Base and the University of Central Missouri followed by other private employers such as Walmart, Tyson Poultry, ConAgra Foods, EnerSys and Dollar Tree Distribution Center.

## West Central Region



Source: Missouri Economic Research and Information Center

The table below shows the top ten occupations by projected growth in Missouri’s west central region. Combined food preparation and serving workers, cashiers, personal care aides, retail salespersons, waiters and waitresses are the top five occupations with highest total openings in the region.

## WEST CENTRAL REGION TOP OPENINGS

### 2018-2028

The West Central Region is projected to have almost 11,000 total job openings each year between 2018 and 2028. Total openings comprise growth openings, exit openings, and transfer openings. Growth openings are the result of an occupation growing between the base year and the projected year. Exit openings occur when a worker leaves the workforce entirely, such as retirement. Transfer openings occur when a worker leaves their occupation for a different one.

Of the top 20 occupations with the most total openings, three are in the *Food Preparation and Serving Related* major occupation group. The occupations of *General and Operations Managers*, *Truck Drivers* and *Secondary School Teachers* have large numbers of projected total openings, as well as above average wages for the West Central Region.

TOP JOB OPENINGS							
Occupation	2018 Estimated Employment	2028 Projected Employment	Annual Exit Openings	Annual Transfer Openings	Annual Growth Openings	Annual Total Openings	Average Annual Wage
Combined Food Preparation and Serving Workers	3,173	3,367	261	322	19	<b>602</b>	\$19,294
Cashiers	2,741	2,687	242	270	-5	<b>507</b>	\$20,437
Personal Care Aides	2,704	3,238	220	195	53	<b>468</b>	\$22,218
Retail Salespersons	2,585	2,555	148	228	-3	<b>373</b>	\$25,676
Waiters and Waitresses	1,526	1,485	104	184	-4	<b>284</b>	\$19,993
Secretaries and Administrative Assistants	2,370	2,120	115	136	-25	<b>226</b>	\$30,893
Janitors and Cleaners	1,537	1,634	97	112	10	<b>219</b>	\$27,589
Nursing Assistants	1,865	1,882	101	109	2	<b>212</b>	\$22,251
Heavy and Tractor-Trailer Truck Drivers	1,487	1,606	64	112	12	<b>188</b>	\$39,550
Cooks, Restaurant	1,070	1,176	60	99	11	<b>170</b>	\$22,568
Laborers and Freight, Stock, and Material Movers	1,175	1,166	53	110	-1	<b>162</b>	\$26,524
Farmworkers and Laborers	853	970	36	113	12	<b>161</b>	\$33,713
Secondary School Teachers	2,001	2,050	56	86	5	<b>147</b>	\$45,457
Construction Laborers	1,085	1,236	39	90	15	<b>144</b>	\$36,344
Welders, Cutters, Solderers, and Brazers	1,222	1,273	32	105	5	<b>142</b>	\$35,266
Office Clerks, General	1,202	1,116	65	74	-9	<b>130</b>	\$28,771
Maintenance and Repair Workers, General	1,355	1,338	47	83	-2	<b>128</b>	\$34,769
Farmworkers, Farm, Ranch, and Aquacultural Animals	757	766	30	94	1	<b>125</b>	\$29,654
Landscaping and Groundskeeping Workers	831	910	36	77	8	<b>121</b>	\$29,155
General and Operations Managers	1,223	1,292	26	83	7	<b>116</b>	\$73,006

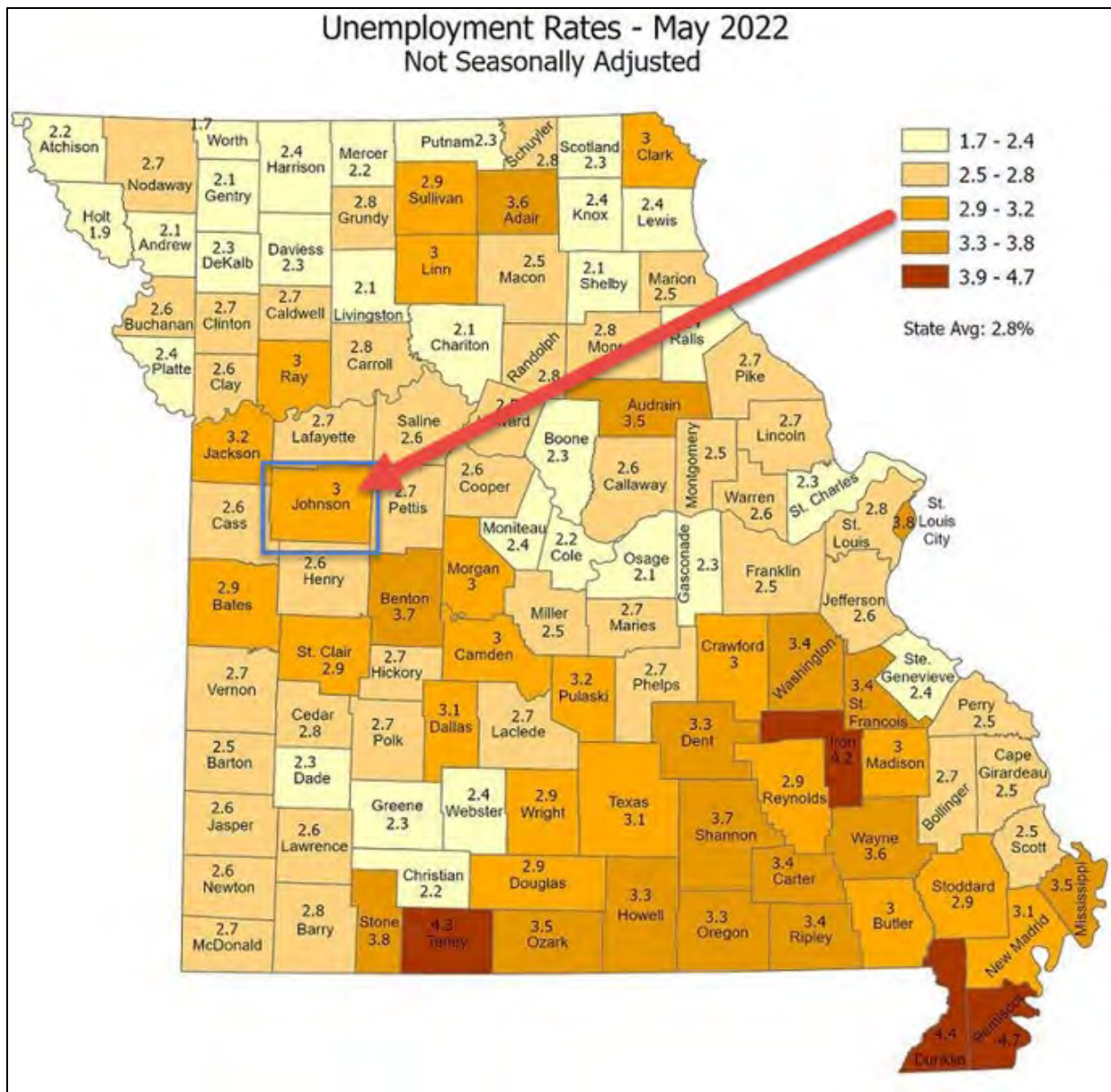
Sources: Bureau of Labor Statistics (BLS) and the Division of Occupational Employment Statistics (OES). Occupational projections developed by the Missouri Economic Research and Information Center (MERIC).

This workforce solution was funded by a grant awarded by the US Department of Labor's Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the official position of the US Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy continued availability or ownership. This product is copyrighted by the institution that created it. Internal use by an organization and/or personal use by an individual for non-commercial purposes is permissible. All other uses require the prior authorization of the copyright owner. September 2020

Source: Missouri Economic Research and Information Center

## Unemployment Rates

Johnson County has a 3% unemployment rate according to the May 2022 unemployment report published by the Missouri Economic Research and Information Center. This is slightly higher than the state average rate of 2.8%.



Source: Missouri Economic Research and Information Center

## **About the Community Health Needs Assessment**

Creating healthy communities requires a high level of mutual understanding and collaboration among community leaders. The development of this CHNA brings together community health leaders, providers, and residents to research and prioritize county health needs and document community health delivery success. The CHNA process provides a way for communities to act upon unmet community health needs. It must be conducted by non-profit hospitals every three years, as mandated by the Affordable Care Act. This health assessment will serve as the foundation for community health improvement efforts for the next three years.

The latest CHNA process began in 2022 and was facilitated by the Missouri Hospital Association Quality Works team. To gather feedback from the community served by WMMC, residents of the area were given the opportunity to participate in a survey. Nine hundred thirty-five area residents completed the survey. Additional information was collected through a town hall meeting with community partners. The input from the residents, who primarily reside in Johnson County, represented the broad interest of the communities in the service area. Data derived from primary and secondary data was key in informing the CHNA process. The top health concerns emerging from the 2022 community survey, secondary data analysis results and focus group meeting, as well as the 2019 CHNA findings, were:

- Mental health and substance abuse
- Affordable health care (including access to dental care)
- Chronic diseases (including cancer, diabetes, heart disease, and obesity)

## **Previous Community Health Needs Assessments**

WMMC's previous CHNA was completed in 2019. The top priorities identified were:

- Mental health, suicide prevention, substance abuse
- Obesity
- Affordable health care insurance, including the uninsured and underinsured; and
- Distracted and drunk driving

In 2020, however, the top priorities were modified to include the COVID-19 pandemic response. WMMC takes an aggressive approach to follow through on its CHNA implementation plans. The most important part of achieving results is a strong collaboration with county partners and those who are heavily vested in the identified health needs.

It was determined at the 2019 CHNA implementation meeting that each top-identified health need would have a corresponding committee. WMMC also identified key leaders within Johnson County who would have the knowledge base and resources to positively impact these areas of concern to serve on these committees. During the implementation meeting, one person was identified to serve as chair on their respective committee. The committee chairs

were responsible for recruiting members to serve on their committees. These committees either met monthly or as needed before WMMC's quarterly CHNA meetings. The chairs reported back their progress at each quarterly CHNA meeting.

While WMMC's efforts were focused initially on the health needs addressed in the 2019 CHNA report, the focus did shift in 2020 and 2021 as the world's priorities were turned upside down with the COVID-19 pandemic. Because of the pandemic, WMMC had to be flexible with what was happening to the state of health care within the community. WMMC and approximately 40 community partners have worked very closely to meet the evolving health needs of the community, especially during the ongoing COVID-19 pandemic. All previous CHNA reports can be found on WMMC's website at [WMMC.com/CHNA](http://WMMC.com/CHNA).

### **Prioritization Methodology**

Upon identifying the issues in need of attention, the prioritization criteria considered the magnitude of the problem, severity of the problem, health disparities, community assets and the ability to leverage through collaboration with existing community partnerships. This methodology was used during the focus group prioritization process.

### **Mental Health/Substance Use**

Findings of the focus group meeting for Johnson County identified mental health and substance use as priority health issues. Sixty percent of 722 respondents reported mental health as an ongoing problem in the community while 42% of 722 respondents cited substance abuse. When asked about which past health assessment is the most pressing for improvement, 53% of 722 respondents reported mental health while 25% of 722 respondents cited substance abuse. The top areas that survey respondents wanted to be further discussed during the town hall meeting were mental health, obesity and drug/substance abuse respectively. The 2019 CHNA identified mental health as a top priority issue which seems to be the same in 2022 based on the secondary and primary data gathered to help inform the process. According to the County Health Rankings and Roadmap, the ratio of mental health providers to patients in Johnson County is significantly higher than the state at 620:1, compared to 460:1 for Missouri.

Access to care requires not only financial coverage, but also access to providers. According to national data, nearly 30% of the population lives in a county designated as a Mental Health Professional Shortage Area. As the mental health parity aspects of the Affordable Care Act create increased coverage for mental health services, many regions continue to see increased shortages in mental health providers.

It is worth noting that while drug overdose deaths are an important indicator of the size of prescription and illicit drug use, small numbers of deaths can result in unreliable and suppressed estimates at the county level, even with multiple years of combined data. Drug overdose deaths are a leading contributor to premature death and are largely preventable. The United States currently is experiencing an epidemic of drug overdose deaths. Since 2000 the

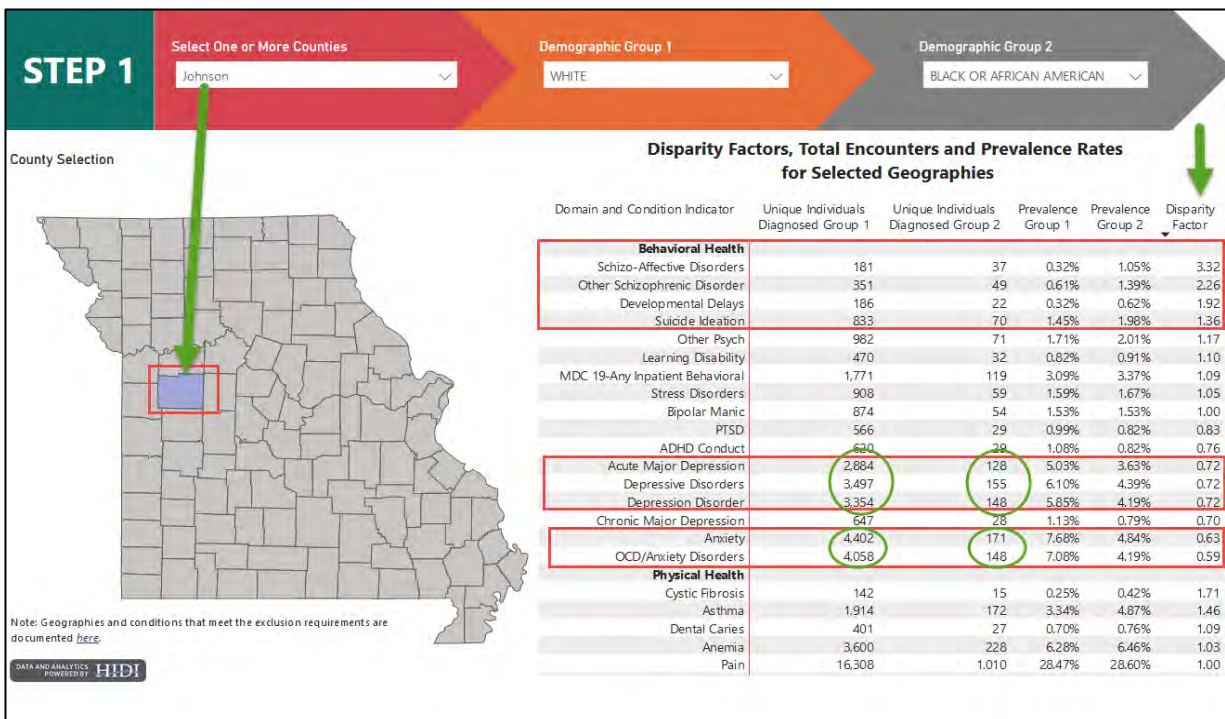
rate of drug overdose deaths has increased by 137% nationwide. Opioids contribute largely to drug overdose deaths; there has been a 200% increase in deaths involving opioids (opioid pain relievers and heroin) since 2000. The 2019 CHNA identified substance use as a top issue and, based on data gathered from multiple sources, it continues to be a priority in the 2022 CHNA.

According to the 2021 Status Report on Missouri’s Substance Use and Mental Health, Johnson County experienced an increase in the number of individuals who received psychiatric services when presented with anxiety and fear disorders, bipolar mood disorder, depressive mood disorder, developmental and age-related disorders, impulse control and conduct disorder, personality disorders, schizophrenia and psychotic disorders, and trauma and stress-related disorders. A review of the top diagnoses revealed suicidal ideation was the fifth highest per the 2021 data collected by WMMC.

A review of MHA’s Health Equity dashboards (<https://web.mhanet.com/health-equity-dashboards/>) provided a summary of the largest disparities in hospital claims-based health outcomes and health factors between different demographic groups within Johnson County. A screenshot depicting the top four behavioral health disparities for White and Black or African Americans in Johnson County follows.

### Mental Health

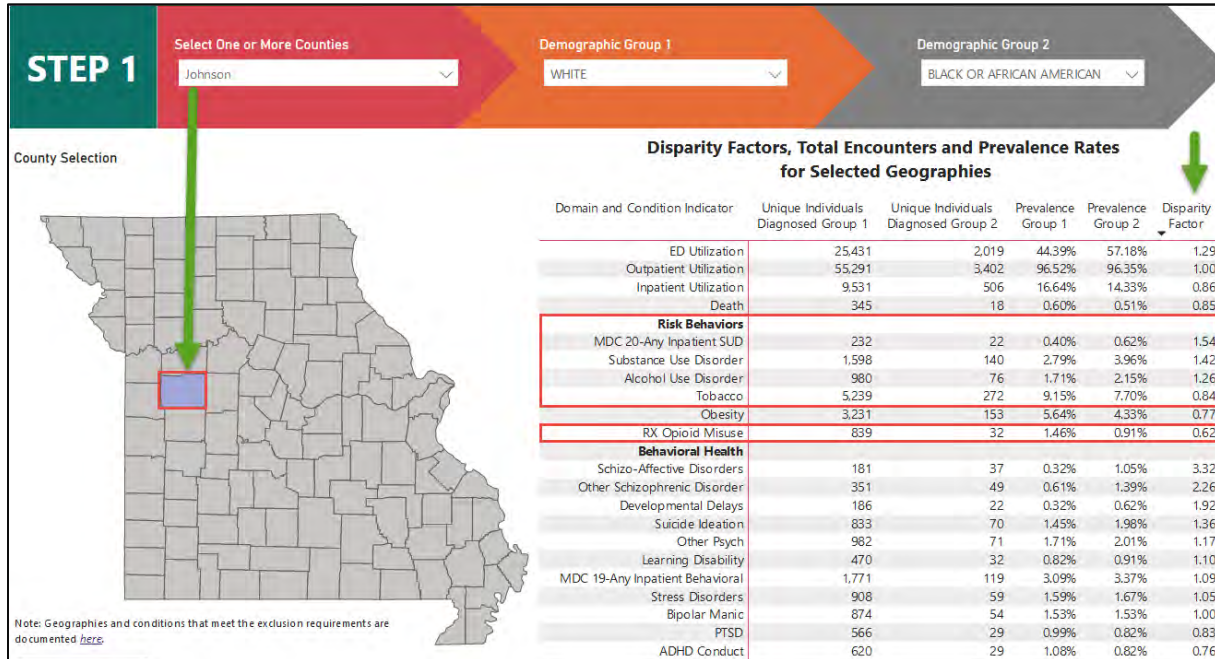
The top mental health issues with the highest number of unique patients diagnosed in Johnson County is depicted in the dashboard below.



Source: MHA Health Equity Dashboards, 2022

## Substance Use

This dashboard identifies the top risk behaviors with the highest disparities between White and Black or African Americans.



Source: MHA Health Equity Dashboards, 2022

## Affordable Health Care – Access to Dentists

According to the 2022 community health needs assessment results, 51% of 722 respondents cited affordable health care (uninsured/underinsured) as an ongoing problem in Johnson County. On the same question, 38% of 722 respondents said access to dental care is a major issue in the community. During the focus group meeting, attendees unanimously agreed this is an ongoing issue that needs to be addressed collectively. When asked which areas need additional focus based on the 2019 CHNA findings, 42% of 722 survey respondents stated affordable health care while 21% of 722 respondents stated access to dental care for the uninsured.

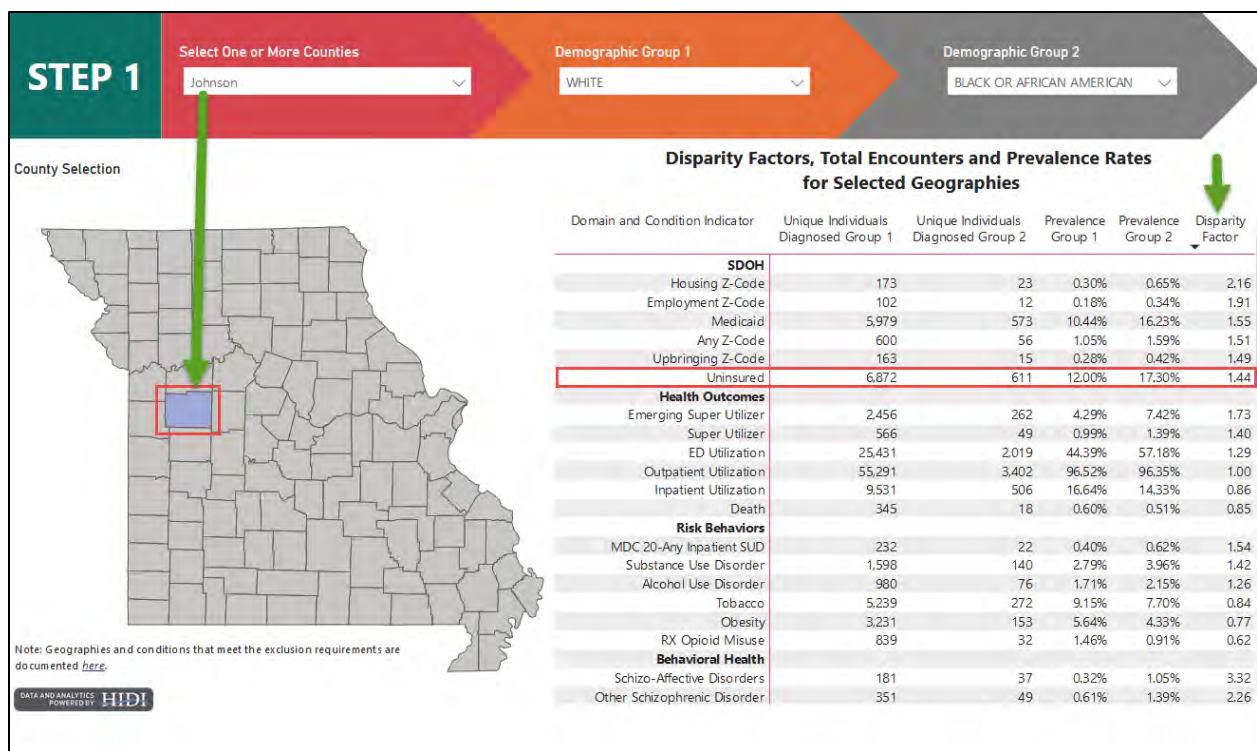
According to the 2022 County Health Rankings & Roadmaps (CHR&R) data, 12% of Johnson County residents are uninsured, which is the same as the 12% rate for Missouri. Per the CHR&R [exploreMOhealth](#) data, the percent of adults under age 65 without health insurance is 12%, ranking Johnson County 22 out of 115 counties in Missouri including the City of St. Louis. When it comes to uninsured children under the age of 19, Johnson County is ranked 22 out of 115 counties including the City of St. Louis. Per the 2022 CHNA survey, 529 of 722 respondents, which equates to 73%, reported that finance and insurance coverage is the top root cause of poor health in Johnson County.

Lack of health insurance coverage is a significant barrier to accessing needed health care and maintaining financial security. One key finding from the Kaiser Family Foundation report on access to health care is that “Going without coverage can have serious health consequences for the uninsured because they receive less preventative care, and delayed care often results in serious illness or other health problems. Being uninsured can also have serious financial consequences, with many unable to pay their medical bills, resulting in medical debt.”

The ratio of the population to dentists in Johnson County is currently 2,460:1 compared to Missouri which is 1,650:1. It is worth noting that while these ratios provide a mechanism to help identify potential gaps that lead to access issues, there may be some measure limitations. For calculation purposes, dentists are classified by county, but dentists living on the edge of counties or who practice in multiple locations may see patient populations that reside in surrounding counties. This data comes from the National Provider Identification data file, which has some limitations. Providers who transmit electronic health records are required to obtain an identification number, but very small providers may not obtain a number. While providers have the option of deactivating their identification number, some dentists included in this list may no longer be practicing or accepting new patients. According to the Health Resources and Services Administration, as of December 2020 there were 6,559 Dental Health Professional Shortage Areas (HPSAs), with 60 million people total living in them. As a general note, untreated dental disease can lead to serious health effects including pain, infection and tooth loss. A lack of sufficient providers is a major barrier to accessing oral health care in Johnson County and was identified as a top issue during the focus group prioritization process.

A review of MHA’s [Health Equity dashboards](#) provided a summary of the largest disparities in hospital claims-based health outcomes and health factors between different demographic groups in Johnson County.





Source: MHA Health Equity Dashboards, 2022

### Chronic Diseases: Heart Disease, Cancer, Diabetes and Obesity

A review of the primary survey results revealed obesity was among the top health problems identified in Johnson County. Of the 935 individuals completing the survey, 40% believed obesity continues to be an ongoing issue in this community. Slightly over 23% of respondents indicated chronic disease prevention is one of the top three root causes of poor health in Johnson County. Per survey responses, obesity was one of the top health issues recommended for further discussion during the focus group meeting. As a general note, obesity increases the risk for health conditions such as coronary heart disease, type 2 diabetes, cancer, hypertension, dyslipidemia, stroke, liver and gallbladder disease, sleep apnea and respiratory problems (such as asthma), osteoarthritis, and poor health status. Per the survey, 46% of respondents have been told they have high blood pressure by their provider, and approximately 46% have been told to lose weight.

Related to chronic diseases, early detection via screenings can help initiate timely treatments, leading to delayed progression and improved outcomes. Chronic conditions such as heart disease, cancer and diabetes share common risk factors such as social and economic factors that may affect behavior and access to care. Using a multi-pronged approach to address them broadly can help improve the overall health of individuals with these diseases. Diet and exercise are a key strategy to proactively prevent individuals from getting heart disease, cancer and diabetes. Per the 2022 CHNA survey, about 80% of respondents said they participate in exercise one to four days a week, and 67% are trying to lose weight. A majority of those trying to lose weight are changing their diet as opposed to increasing their physical activity. On the same

note, most respondents selected high cholesterol, hypertension and diabetes respectively when asked about the top three conditions with which they were diagnosed by their providers. A review of the top 10 diagnoses revealed a few metrics related to heart disease and other chronic conditions, with diagnoses of acute upper respiratory infection and chest pain.

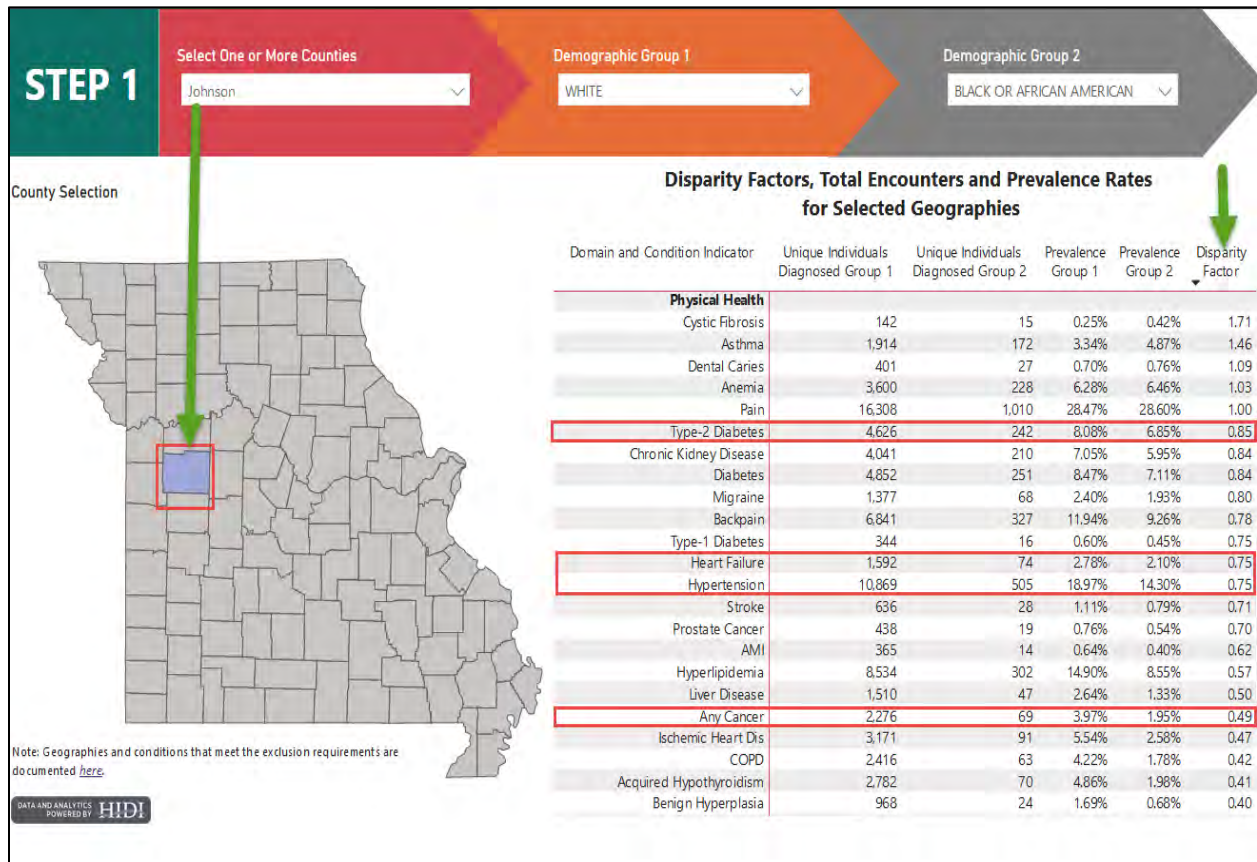
Secondary data supports the focus on chronic conditions. The general strategies deployed will be key to improving health outcomes in the top areas identified. The [exploreMOhealth](#) data reveals the following top chronic conditions namely, arthritis, cancer, diabetes, heart disease, hypertension and atherosclerosis, among others. The Robert Wood Johnson County Health Rankings 2022 report denotes Johnson County has a higher rate of adult obesity at 37% compared to Missouri which is 35%. Johnson County has a 31% of physical inactivity compared to the state rate of 30%. It is important to know that decreased physical activity has been related to several disease conditions such as type 2 diabetes, cancer, stroke, hypertension, cardiovascular disease and premature mortality, independent of obesity. Physical inactivity is not only associated with individual behavior, but also community conditions such as expenditures on recreational activities, access to infrastructure and poverty.

ZIP health rankings data from [exploreMOhealth](#) identified the following top three ZIP codes in Johnson County with the highest disease prevalence per 1,000 cases. Focus group attendees overwhelmingly selected these same diseases.

<b>Cancer</b>	<b>Diabetes</b>	<b>Heart Disease</b>
Blairstown – 501.36	Blairstown – 480.47	Blairstown – 367.85
Kingsville – 290.52	Chilhowee – 323.49	Leeton – 223.81
Leeton – 287.53	Leeton – 323.36	Chilhowee – 179.09

## Chronic Conditions: Cancer, Heart Disease and Diabetes

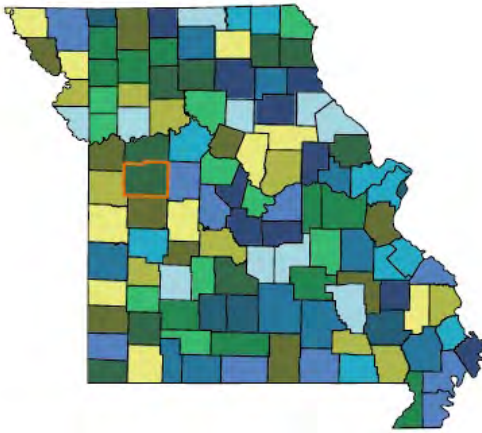
The table below shows the prevalence and disparity of cancer, heart disease and diabetes by race in Johnson County. Overall, Black/African Americans have a higher disparity factor for all the three chronic diseases.



Source: MHA Health Equity Dashboards, 2022

Spotlight on ZIP Health rankings report was used to identify the most and least healthy ZIP codes in Johnson County. It provides a ranking of key county level issues out of 115 counties including the City of St. Louis. The Chronic Condition Explorer reports included here provide a summary of select chronic conditions identified as priorities in Johnson County and the determinants driving these outcomes across these ZIP codes.

## Spotlight on ZIP Health



### Highlighted County-Level Issues for Johnson County

Health Factor	Rank*
Health Outcomes Rank	4
Length of Life Rank	7
Quality of Life Rank	8
Health Factors Rank	12
Health Behaviors Rank	12
Socioeconomic Factors Rank	12
Clinical Care Rank	22
Physical Environment Rank	85

\* Statewide Rank of 115 (1=best)

### Top Ranked ZIP Codes in Johnson County

ZIP Code	Name	Rank**	Top Health Factor	Top Social Factor
64011	Bates City	148	Teen Pregnancy	Childhood Poverty
65305	Whiteman AFB	178	Teen Pregnancy	Renter Occupied Housing
65336	Knob Noster	191	Teen Pregnancy	Income Inequality by Race
64093	Warrensburg	212	Teen Pregnancy	Renter Occupied Housing
64019	Centerview	217	Cancer	Blue Collar Workers

### Bottom Ranked ZIP Codes in Johnson County

ZIP Code	Name	Rank**	Top Health Factor	Top Social Factor
64761	Leeton	332	Liver Disease	Assault diagnosis
64726	Blairstown	323	Arthritis/Joint Disease	ED Utilization for Dental Caries
64040	Holden	271	Inpatient Utilization	Commute more than 30 minutes
64733	Chilhowee	256	Liver Disease	Commute more than 30 minutes
64061	Kingsville	222	Cancer	Commute more than 30 minutes

\*\* Statewide Rank of 937 (1=best)

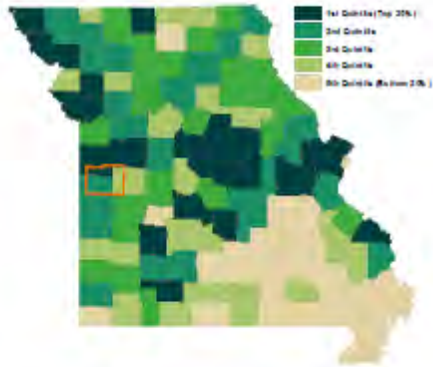
Source: exploreMOhealth.org

# Chronic Condition Explorer

County

2021 Rate of **Health Outcomes: Quality of Life** for Missouri Counties

Condition: *Health Outcomes: Quality of Life*

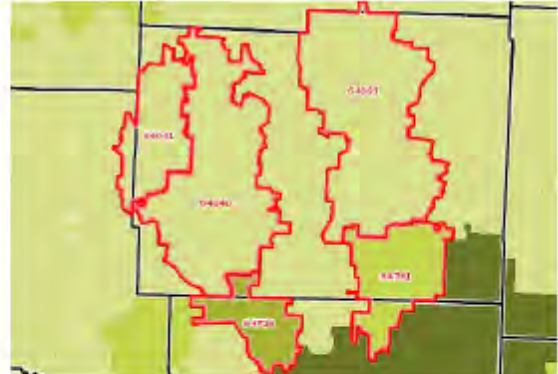


Johnson

ZIP Code

2019-2021 ZIP Code **Health Outcomes: Quality of Life**

Indicator: *Mental Health Disorder*



Rank of Health Outcomes: Quality of Life in Selected Counties

FIPS Code	County Name	Z-Score	Rank for Selected Indicator*
29101	Johnson	-0.53	8

\* Statewide Rank of 115 (1=best)

Bottom 5 ZIP Codes in Selected Area

ZIP Code	Name	Rate per 1,000	Z-Score	Rank*
64726	Blairstown	42.69	0.54	779
64761	Leeton	39.23	0.39	754
64061	Kingsville	23.19	-0.28	480
64093	Warrensburg	21.80	-0.34	434
64040	Holden	20.70	-0.39	402

\* Statewide Rank of 937 (1=best)

Source: exploreMOhealth.org

# Chronic Condition Explorer

County

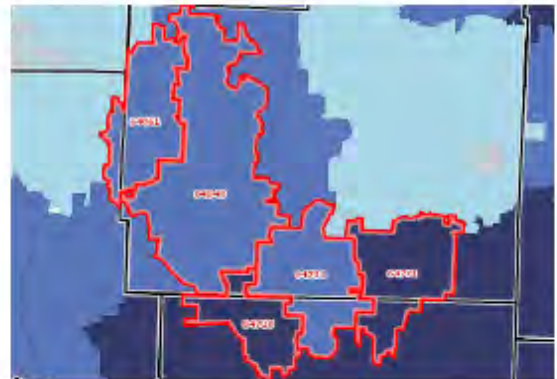
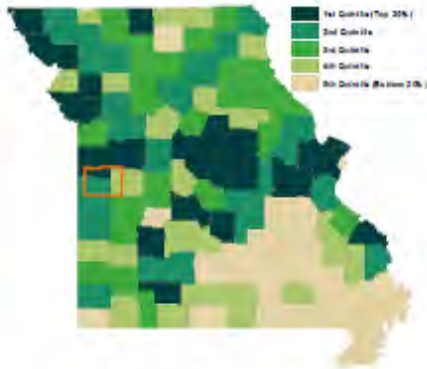
ZIP Code

2021 Rate of **Health Outcomes: Quality of Life** for Missouri Counties

2019-2021 ZIP Code **Health Outcomes: Quality of Life**

Condition: *Health Outcomes: Quality of Life*

Indicator: *Heart Disease*



Johnson

Rank of Health Outcomes: Quality of Life in Selected Counties

Bottom 5 ZIP Codes in Selected Area

FIPS Code	County Name	Z-Score	Rank for Selected Indicator*
29101	Johnson	-0.53	8

ZIP Code	Name	Rate per 1,000	Z-Score	Rank*
64726	Blairstown	367.85	0.96	830
64761	Leeton	223.81	-0.11	530
64733	Chilhowee	179.09	-0.44	343
64040	Holden	176.12	-0.47	326
64061	Kingsville	174.82	-0.48	324

\* Statewide Rank of 115 (1=best)

\* Statewide Rank of 937 (1=best)

Source: exploreMOhealth.org

# Chronic Condition Explorer

County

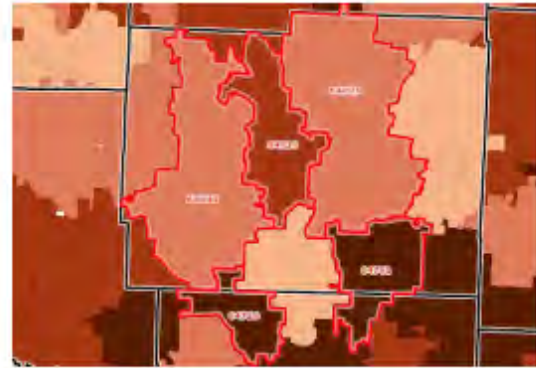
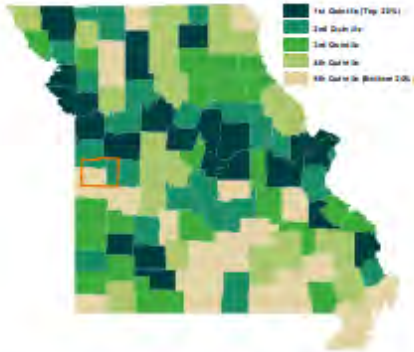
ZIP Code

2021 Rate of **Health Factors: Clinical Care/Access** for Missouri Counties

2019-2021 ZIP Code **Health Factors: Clinical Care/Access**

Condition: *Health Factors: Clinical Care/Access*

Indicator: *Dental Caries*



Johnson

Rank of Health Factors: Clinical Care/Access in Selected Counties

Bottom 5 ZIP Codes in Selected Area

FIPS Code	County Name	Z-Score	Rank for Selected Indicator*
29101	Johnson	-0.1	22

ZIP Code	Name	Rate per 1,000	Z-Score	Rank*
64726	Blairstown	46.32	9.75	937
64761	Leeton	7.94	0.65	776
64019	Centerview	4.71	-0.12	546
64093	Warrensburg	4.02	-0.28	449
64040	Holden	3.44	-0.42	366

\* Statewide Rank of 115 (1=best)

\* Statewide Rank of 937 (1=best)

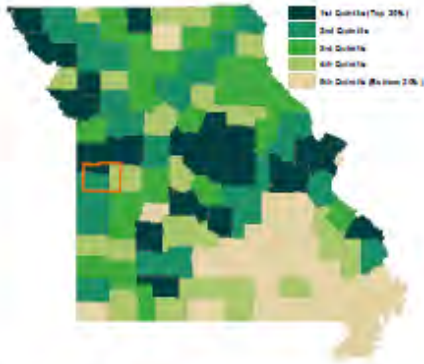
Source: exploreMOhealth.org

# Chronic Condition Explorer

County

2021 Rate of **Health Outcomes: Quality of Life** for Missouri Counties

Condition: *Health Outcomes: Quality of Life*

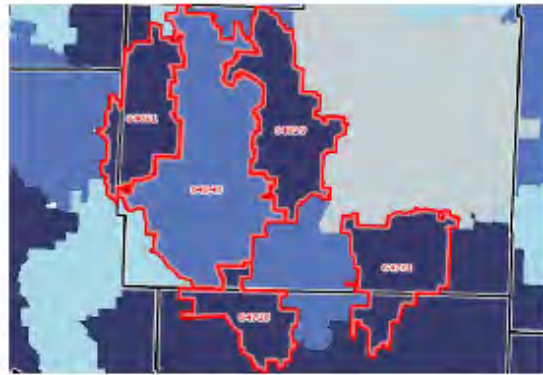


Johnson

ZIP Code

2019-2021 ZIP Code **Health Outcomes: Quality of Life**

Indicator: *Cancer*



Rank of Health Outcomes: Quality of Life in Selected Counties

FIPS Code	County Name	Z-Score	Rank for Selected Indicator*
29101	Johnson	-0.53	8

\* Statewide Rank of 115 (1=best)

Bottom 5 ZIP Codes in Selected Area

ZIP Code	Name	Rate per 1,000	Z-Score	Rank*
64726	Blairstown	501.36	2.53	917
64061	Kingsville	290.52	0.60	762
64761	Leeton	287.53	0.57	755
64019	Centerview	263.16	0.34	697
64040	Holden	216.88	-0.08	520

\* Statewide Rank of 937 (1=best)

Source: exploreMOhealth.org



# Chronic Condition Explorer

County

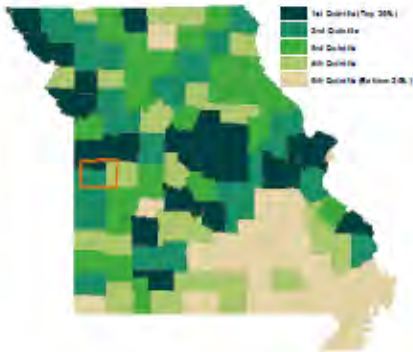
ZIP Code

2021 Rate of **Health Outcomes: Quality of Life** for Missouri Counties

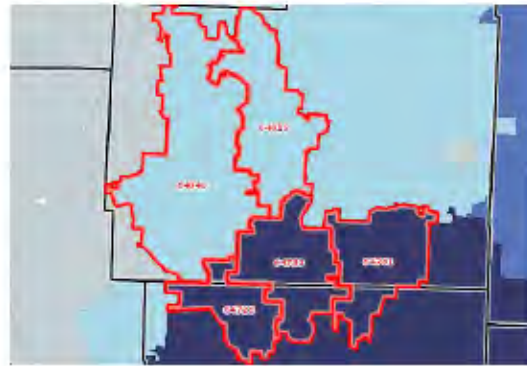
2019-2021 ZIP Code **Health Outcomes: Quality of Life**

Condition: *Health Outcomes: Quality of Life*

Indicator: *Diabetes*



Johnson



Rank of Health Outcomes: Quality of Life in Selected Counties

Bottom 5 ZIP Codes in Selected Area

FIPS Code	County Name	Z-Score	Rank for Selected Indicator*
29101	Johnson	-0.53	8

ZIP Code	Name	Rate per 1,000	Z-Score	Rank*
64726	Blairstown	480.47	1.69	880
64733	Chilhowee	323.49	0.54	739
64761	Leeton	323.36	0.54	738
64019	Centerview	205.98	-0.32	423
64040	Holden	198.40	-0.37	387

\* Statewide Rank of 115 (1=best)

\* Statewide Rank of 937 (1=best)

Source: exploreMOhealth.org

## Recommendations

Identifying specific populations and specific health factors and outcomes that are influenced by the top three health issues will enable WMMC and the community focus resources and attention on priority areas.

A myriad of strategies may be employed to address these seemingly disparate health issues. For example, work with community-based organizations, partner organizations and providers to educate about the prevalence of chronic conditions such as heart diseases, diabetes, cancer, and health behaviors like obesity is extremely important. This by itself provides a platform to promote primary prevention through physical activity and healthy eating; implementing simple screening tools in different settings of care to identify people at risk of chronic conditions such as diabetes, heart disease, cancer; incorporating care coordination specialists to this work will help organizations identify gaps and opportunities for improvement. For instance, community health workers may help individuals with complex health conditions navigate the health care system. On the same note, they advocate for and liaise between their patients and a variety of health care and human services organizations which makes them valuable in care coordination and transition.

Although implementation may be broad, focused implementation and evaluation must target specific populations or organizations to determine the effect. Health status and health outcomes will not change notably within a three-year period across a community. However, health outcomes such as preventable hospitalizations for short-term complications of diabetes, heart disease, cancer, mental health and substance abuse may suggest improved access and care coordination within primary care settings.

Addressing mental health and substance abuse must be a long-term strategy. Many factors, including lack of access, stigmatization and factors contributing to all substance abuse, including prescription, illegal alcohol and tobacco use, require the cooperation of many partner organizations. Per the focus group discussion in early May, multiple organizations, including WMMC, formed a workgroup that has been meeting regularly to strategize on the actions and activities key to addressing mental health and substance abuse in their community. Lessons learned from this workgroup will help the hospital and partners decide the course of action during the next three years of their implementation strategy. Using the power of new innovative data platforms like [exploreMOhealth](#) and the [MHA Health Equity dashboards](#) will help WMMC and partners identify the prevalence of diseases at the ZIP code level while highlighting the disparities that may need attention. This level of specificity and granularity will help the hospital target interventions with the needed precision. This will also help target the scarce resources where they are needed most, thus taking the necessary steps in promoting health equity. Recognizing the medical and non-medical factors of health as identified by the survey, focus group discussion and secondary data will assist the care teams customize each patient's unique needs.

## Primary Research Process

### **Survey Layout and Methodology**

Western Missouri Medical Center desires to continue providing programs and services to meet community needs while pursuing continuous improvement in existing and future programs to improve the overall health of the communities it serves. As such, WMMC has conducted a CHNA using primary and secondary data to ensure community benefit programs and resources are focused on significant health needs as perceived by the community at large, as well as in alignment with WMMC's mission, services and strategic priorities. Because approximately 70% of the patients served by WMMC reside in Johnson County, this assessment primarily examines the health needs and concerns in Johnson County. In addition to Warrensburg, located in the county are the communities of Centerview, Holden, Knob Noster, Leeton and Whiteman Air Force Base. Quality Works, in partnership with WMMC and Johnson County Community Health Services (JCCHS), facilitated the CHNA process under the direction of the Missouri Hospital Association Quality Works team. In accordance with the Patient Protection and Affordable Care Act of 2010 and federal tax-exemption requirements, the following steps were conducted as part of WMMC's CHNA.

- A small steering committee (see Figure 1) was formed that was responsible for planning and implementing the process locally. The steering committee and community partners met and corresponded as needed, in person, by telephone, Zoom and email. Representatives from Quality Works met and corresponded regularly by Zoom and email with the CHNA liaisons.
- Community benefit initiatives, which were implemented over the course of the last three years, were evaluated.
- The “community” served by WMMC was defined based on the origin of the majority origin of inpatient discharges and outpatient visits. The community was determined by geography, and it is inclusive of medically underserved, low-income, minority populations and populations with chronic disease needs.
- Population demographics and socioeconomic characteristics of the community were gathered and assessed utilizing various third parties, such as the Hospital Industry Data Institute and the County Health Rankings model by the University of Wisconsin Public Health Institute.
- The health status of the community was assessed by reviewing community health status indicators from multiple sources. Health indicators with significant opportunities for improvement were noted. Information on the leading causes of death and morbidity information was analyzed in conjunction with social determinants of health.
- Community input was obtained through a community-wide survey for the general public. Findings are described in the Primary Research Data Demographics section.
  - WMMC created a HIPPA-compliant 38-question online survey on Survey Monkey, which took an average of 13 minutes for respondents to complete.
    - The survey used in WMMC's 2019 CHNA had 17 questions and 241 responses. Quality Works advised using the same survey questions and incorporating additional

- questions to better grasp the demographics, health needs and concerns of the respondents. Using recommended survey questions from Missouri Hospital Association as a guide, Quality Works specified 20 questions to add to the survey. Quality Works reviewed the final survey questions prior to the dissemination of the survey to the public.
- As a result, the survey, found in the appendices, contained 38 questions, consisting of the following:
    - Contact information to notify winners of survey information
      - 1 opened-ended question
    - Demographic questions
      - 1 open-ended question
      - 5 multiple choice questions
    - Community health questions
      - 1 rating scale question
      - 2 matrix questions
      - 3 open-ended questions
      - 7 multiple choice questions
    - Questions identifying health needs
      - 13 multiple choice questions
      - 1 matrix question
    - COVID-19 pandemic questions
      - 3 multiple choice questions
      - 1 rating scale question
  - The survey was in English and was not translated into any other languages. Based on the demographics of Johnson County, Quality Works and WMMC did not see a need to translate the survey into any other languages. However, most web browsers have built-in language translation functions that can be used by those who have the need to do so.
  - In total, there were 935 respondents to the 2022 CHNA survey.
  - The survey was available to the public starting February 17, 2022, at approximately 12:00 PM CST and closed on March 20, 2022, at 11:59 PM CST.
  - Once the survey was live, WMMC’s Communications & Development Office immediately communicated the survey through various mediums in accordance with a marketing plan.
  - Incentives: All survey respondents who completed the survey and opted to give their email address and/or phone number were entered to win one of five \$100 Visa gift cards. This incentive was noted in all WMMC’s communications and marketing of the survey.
  - Flyer: A flyer was created with a QR code link to the online survey at [WMMC.com/CHNA](http://WMMC.com/CHNA) and is included in the appendices.
    - In February 2022, 200 flyers were printed and put in interoffice mailboxes within WMMC. Additionally, flyers were given to WMMC staff and WMMC Foundation volunteers at various meetings.

- Email/eNewsletter: Via multiple emails and eNewsletters, WMMC encouraged its employees, community partners and the general public to participate in the 2022 CHNA survey.
  - A digital version of the flyer and a link to the online survey was emailed to all internal email users within WMMC (approximately 1,000+ users).
  - A digital version of the flyer and a link to the online survey was also emailed to WMMC’s email subscriber list of 11,447 email addresses on February 17, 2022. A six-day reminder email was mailed to the same subscriber list on March 15, 2022.
  - WMMC’s Strategy and Development Executive emailed the flyer and survey link to a list of approximately 2,600 key stakeholders and community partners. Additionally, WMMC’s executive shared a link to a social media post on WMMC’s Facebook page inviting the public to complete the survey. Recipients of this email were asked to “like and share” the social post on their personal accounts.
  - In March 2022, information and a link to more information about the CHNA Survey were included in eNewsletters distributed by the Communications & Development Office at WMMC.
- Radio: WMMC has a standing live interview spot on KOKO, a local radio station, every other week. On February 17, 2022, Tara Carlyle, WMMC’s Strategy and Development Executive, used part of this time to talk about the CHNA and encouraged the public to take the survey. On March 10, 2022, WMMC’s President and CEO, Darinda Dick, briefly explained the importance of CHNA and reminded the listeners to take the survey for a chance to win a \$100 Visa gift card.
- Social Media: In an effort to boost public awareness and survey respondents, WMMC posted five times on its Facebook business page during the course of the survey. The social posts about the survey were also shared on various community forum pages on Facebook.
- Newspaper: The Warrensburg Star-Journal published an article titled “WMMC seeks feedback on Community Health” on February 21, 2022. This article talks about the CHNA survey and the CHNA Town Hall meeting and is included in the appendices.
  - Fifty copies of the survey were printed and displayed at the main entrance of WMMC. Community members could then drop off their completed survey in a locked drop box. Ten community members submitted paper versions of the survey, which were then manually inputted into Survey Monkey online.
  - Paper surveys were distributed to the following locations:
    - Communications & Development Office at WMMC
    - Main lobby of WMMC, along with a drop box to submit paper surveys
- Community input was also obtained through a focus group meeting on May 3, 2022, entitled “CHNA Town Hall.” All community members and community partners were invited to attend the focus group meeting which was facilitated by Quality Works in partnership with WMMC and JCHS. Twenty-seven members of the community attended the CHNA Town Hall Meeting; 16 various organizations were represented. Findings are described in the Focus Group section of this report.
  - CHNA Town Hall Purpose:

- Gather input, reaction, and advice on community health needs in Johnson County.
- Use the power of available data to inform decisions.
- Identify and run priority issues in the primary service areas of Johnson County.
- Identify local resources and increase awareness.
- Inform the implementation strategy.
- Incentives: A complimentary taco bar was offered to all town hall attendees.
- Flyer: A single flyer was created to encourage the community to participate in the CHNA survey and the CHNA Town Hall. The flyer directed the public to WMMC.com/CHNA; a copy is provided in the appendices.
  - In April 2022, an additional 200 flyers were printed and put in interoffice mailboxes within WMMC. Additionally, flyers were given to WMMC staff and WMMC Foundation volunteers at various meetings.
- Email/eNewsletter: Via multiple emails and eNewsletters, WMMC encouraged its employees, community partners, and the general public to attend the CHNA Town Hall Meeting.
  - All internal email users at WMMC were twice invited to attend the CHNA Town Hall (approximately 1,000+ users).
  - The event was placed as a meeting on all WMMC executives' calendars via email.
  - WMMC's Strategy and Development Executive invited a list of approximately 2,500 community partners to the CHNA Town Hall via email.
  - Community partners were also invited to place the Town Hall meeting on their calendars via email.
  - In April 2022, information and a link to more information about the CHNA Town Hall were included in eNewsletters distributed by the Communications & Development Office at WMMC. WMMC has an eNewsletter subscriber list of approximately 11,000 email addresses.
- Radio: On April 14, 2022, WMMC's President and CEO, Darinda Dick, went on-air at KOKO to give general updates about WMMC. She shared the success of the CHNA survey. She then invited the listeners to attend the CHNA Town Hall to discuss the results of the survey and share their input.
- Social Media: To boost awareness and attendance of the CHNA Town Hall, WMMC created an event on its Facebook page on April 7, 2022. The event was shared on WMMC's Facebook business page, and the public was invited to attend via the event page. The event was also shared on various community forum pages on Facebook.
- Newspaper: The Warrensburg Star-Journal published an article titled "WMMC seeks feedback on Community Health" on February 21, 2022. This article talks about the CHNA survey and the CHNA Town Hall meeting and is available in the appendices.
- An inventory of health care facilities and other community resources potentially available to address the significant health needs identified through the CHNA was prepared and available in the appendices.
- Identified health needs were then prioritized considering community perception regarding the significance of each identified need and the ability for WMMC to impact overall health based on alignment with WMMC's mission and services provided. Key community stakeholders and WMMC's leadership participated in identifying and prioritizing significant

health needs. WMMC and the community partners then strategized ways in which to focus on and improve the health needs identified.

**Figure 1**

Tara Carlyle*	Strategy & Development Executive, WMMC
Jennie Snapp	Communications & Development Manager, WMMC
Bailee Copas*	Development Coordinator, WMMC
Stephanie Truex	Administrator, Johnson County Community Health Services

*\*CHNA liaisons who served as the main points of contact for Quality Works.*

## Primary Research Data Demographics

	Dimension	2022 CHNA Survey Results
<b>Gender</b>	Male	22%
	Female	78%
<b>Race</b>	White	92%
	Black	2%
	Other	6%
<b>Household Income</b>	\$100,000 or more	23%
	\$80,000 - \$99,999	14%
	\$60,000 - \$79,999	18%
	\$20,000 - \$59,999	34%
	less than \$20,000	6%
<b>Homeowner/Renter</b>	Homeowners	77%
	Renters	18%

Data Source: Western Missouri Medical Center CHNA survey results for 2022

### Summary of Key Findings

Key findings from the 2022 CHNA survey reveal that of the 935 surveys completed, 78% of the respondents were female compared to 22% male. The mean household income for the survey respondents was over \$60,000, which is significantly higher than the mean for 2020 annual average pay for Johnson County residents of \$40,263 based on the [Missouri Economic and Information Center \(https://meric.mo.gov/regional-profiles/west-central\)](https://meric.mo.gov/regional-profiles/west-central). Most survey respondents were homeowners.

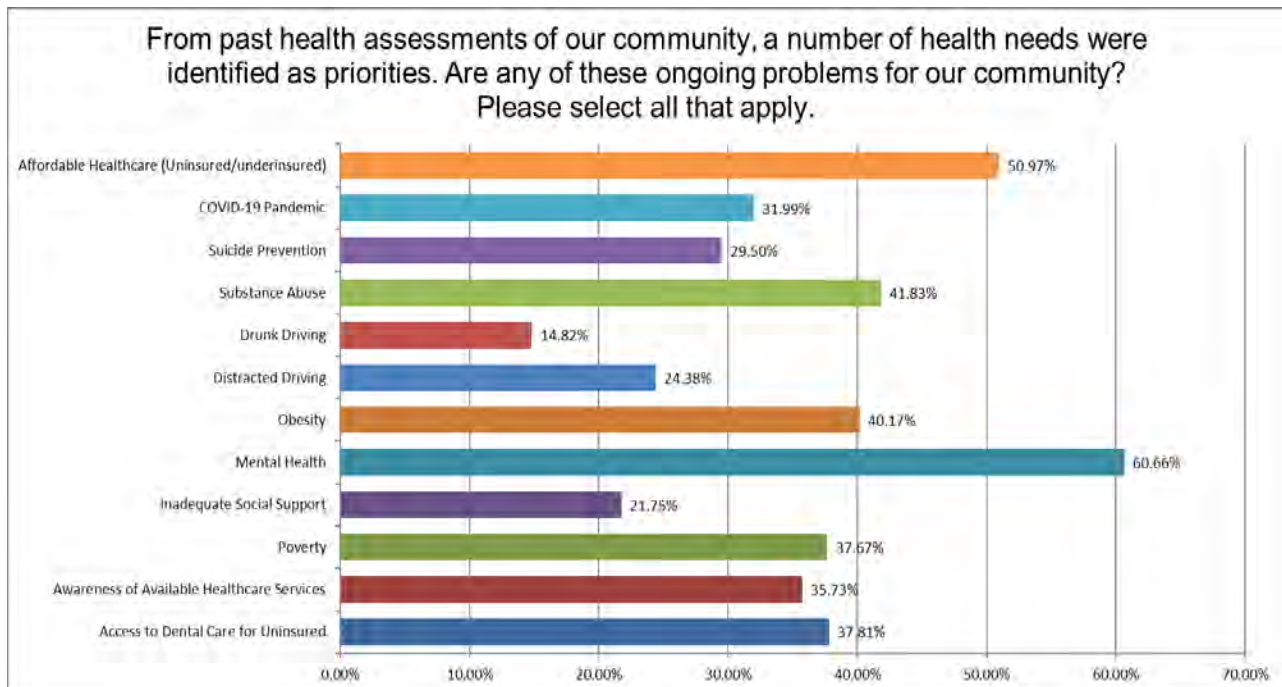
Primary data are an important part of community health needs assessment. These data can fill in gaps in secondary data sources, highlight critical issues or concerns, and provide opportunities for community members to actively engage in the community health assessment process.



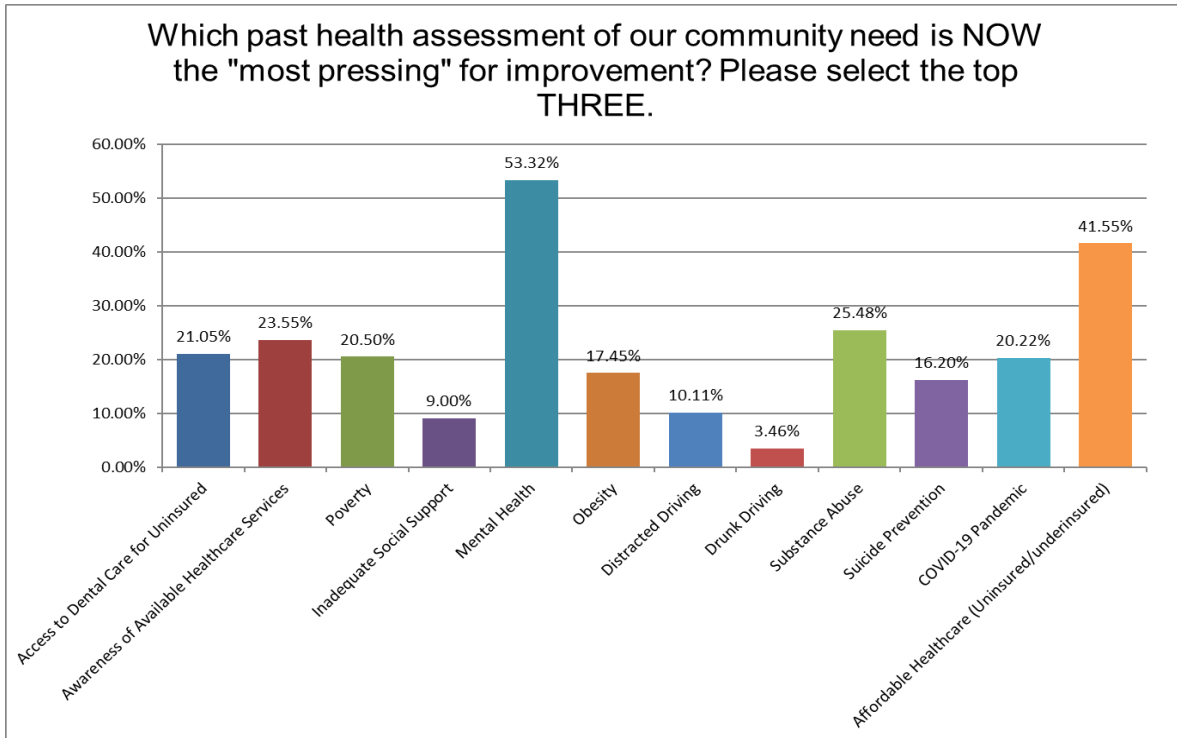
When asked about the overall quality of health care in Johnson County, 63% of 722 survey respondents indicated good or very good respectively.



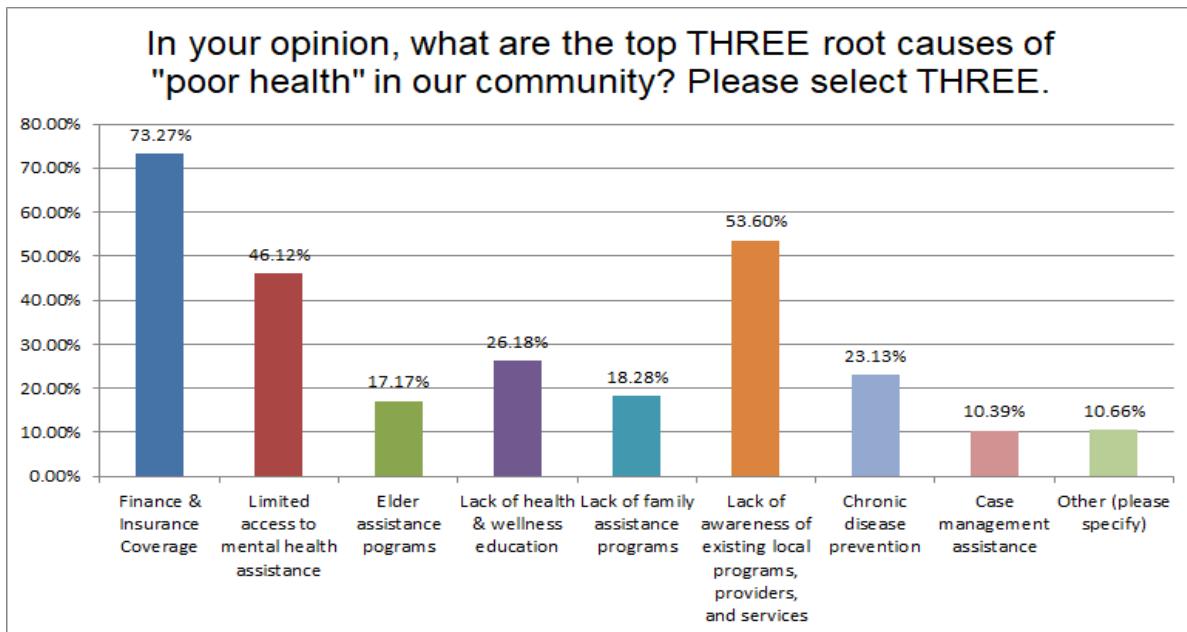
The top five needs identified in 2019 that continue to be a problem in 2022 are as follows in order: mental health, affordable health care, substance abuse, obesity and access to dental care for uninsured.



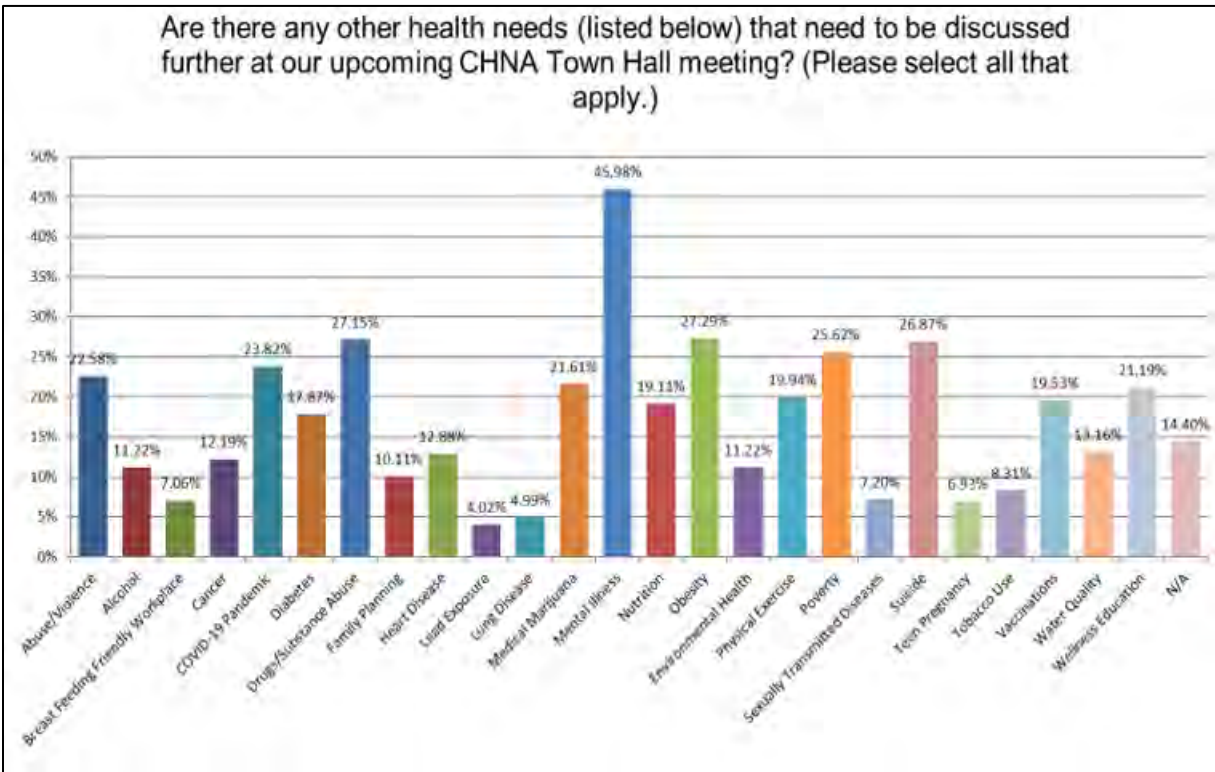
The top three needs identified as most pressing based on the 2022 survey were mental health, affordable health care (uninsured/underinsured) and substance abuse.



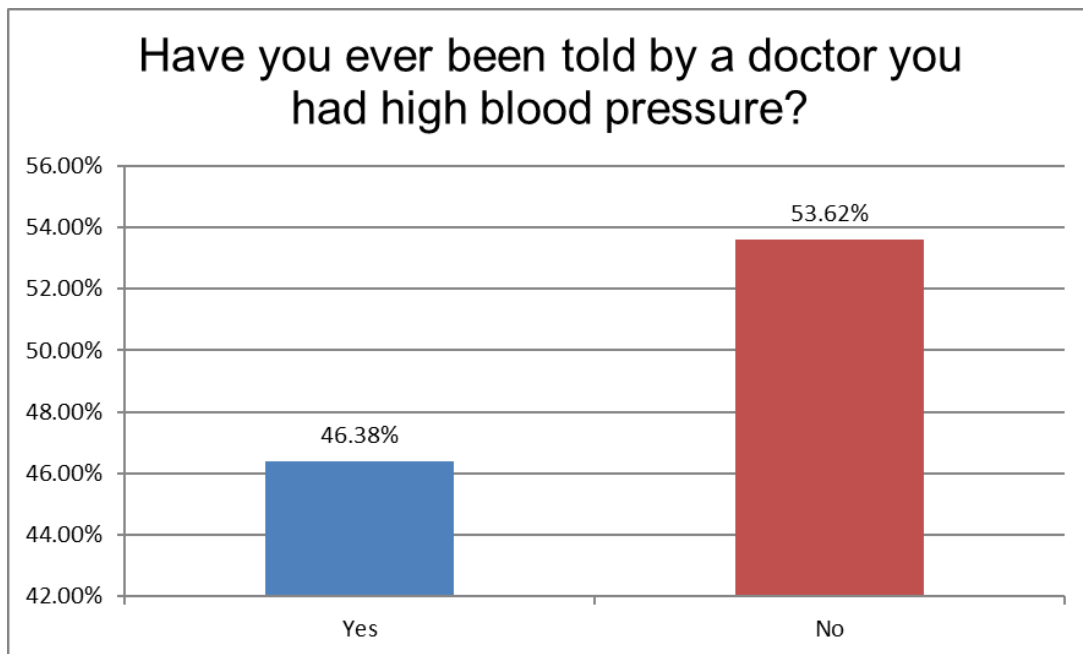
Per survey responses, the top three root causes of poor health in Johnson County were finance and insurance coverage; lack of awareness of existing local programs, providers and services; and limited access to mental health services.



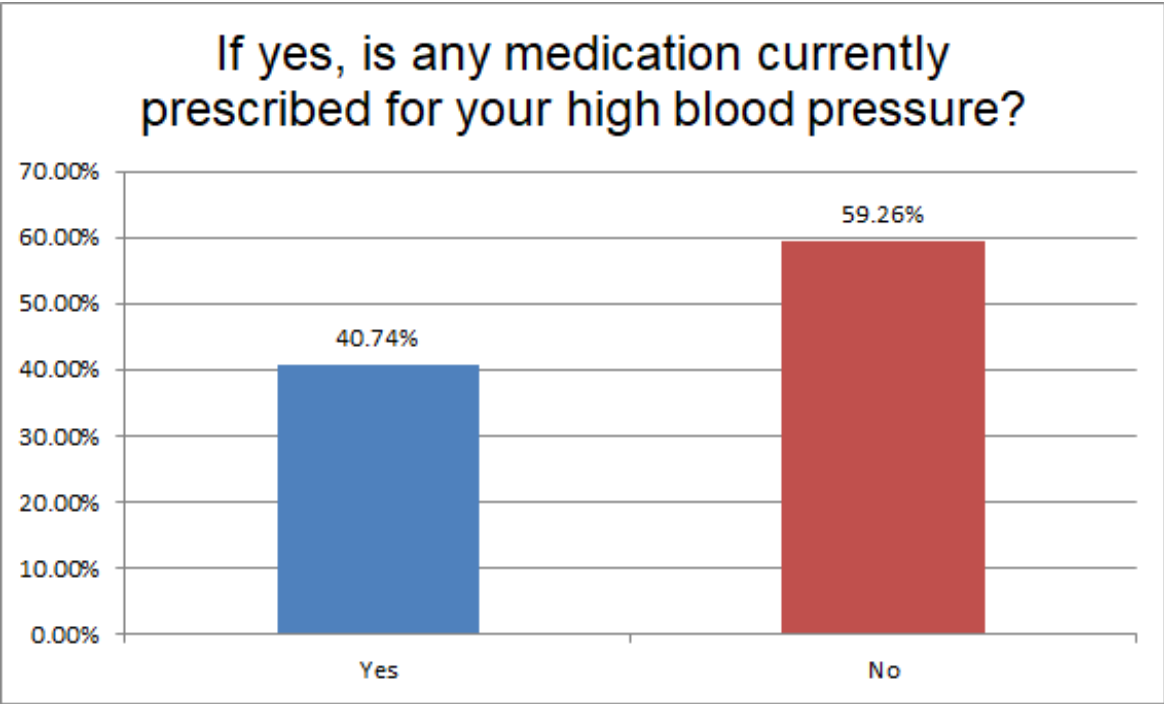
The top three issues recommended by survey participants for focus group meeting discussion were mental health, obesity and drug/substance abuse.



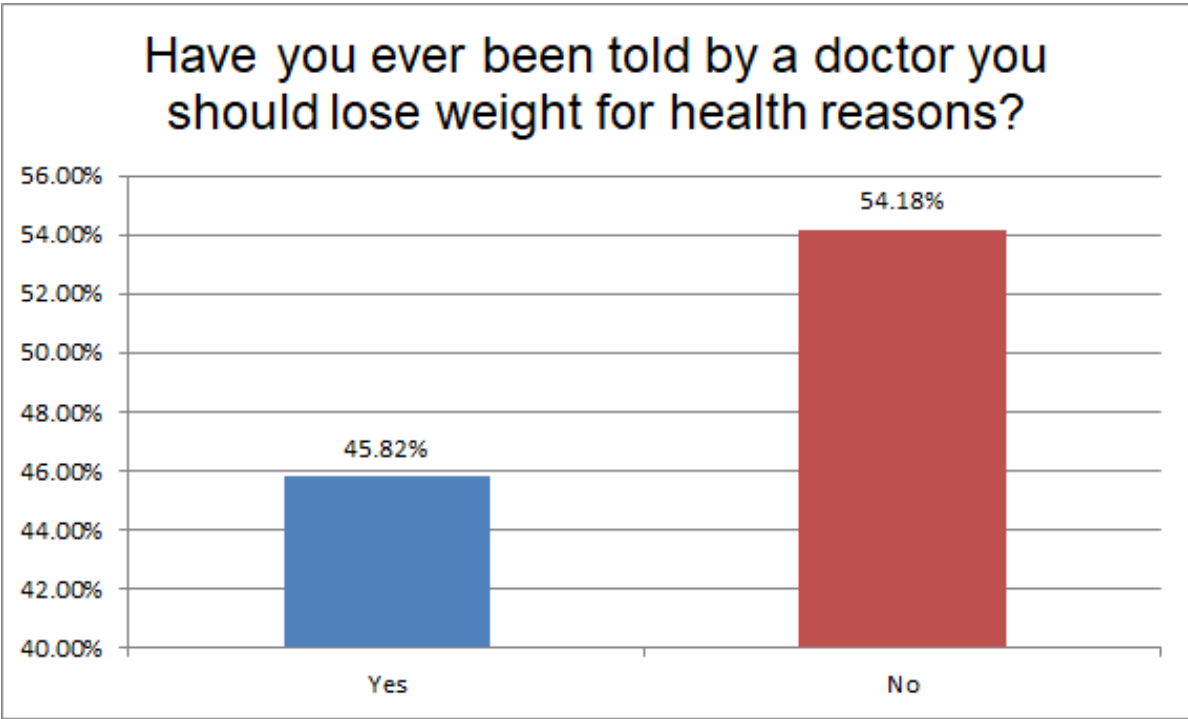
About 50% of survey respondents indicated they have been told they have high blood pressure by their doctor.



Of those diagnosed with high blood pressure, 40% have been prescribed high blood pressure medications.



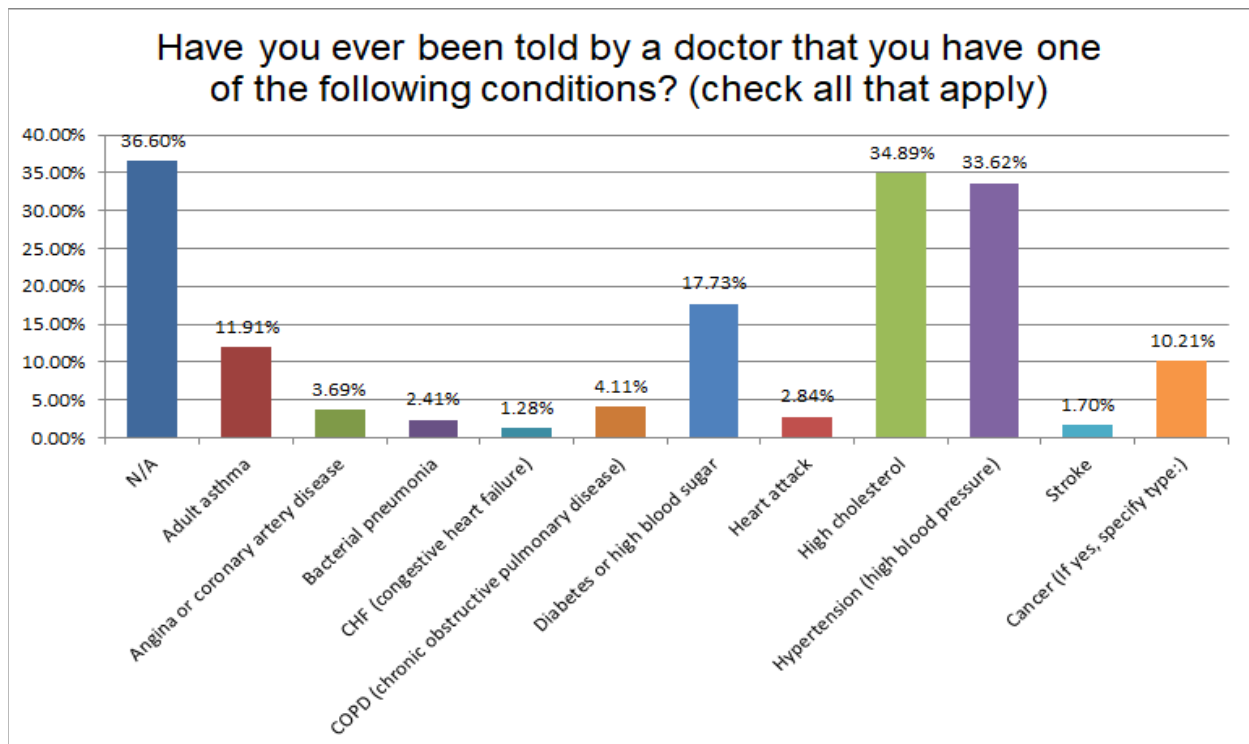
Almost 46% of survey respondents indicated they have been told to lose weight by their doctor while 54% have not been told to do so.



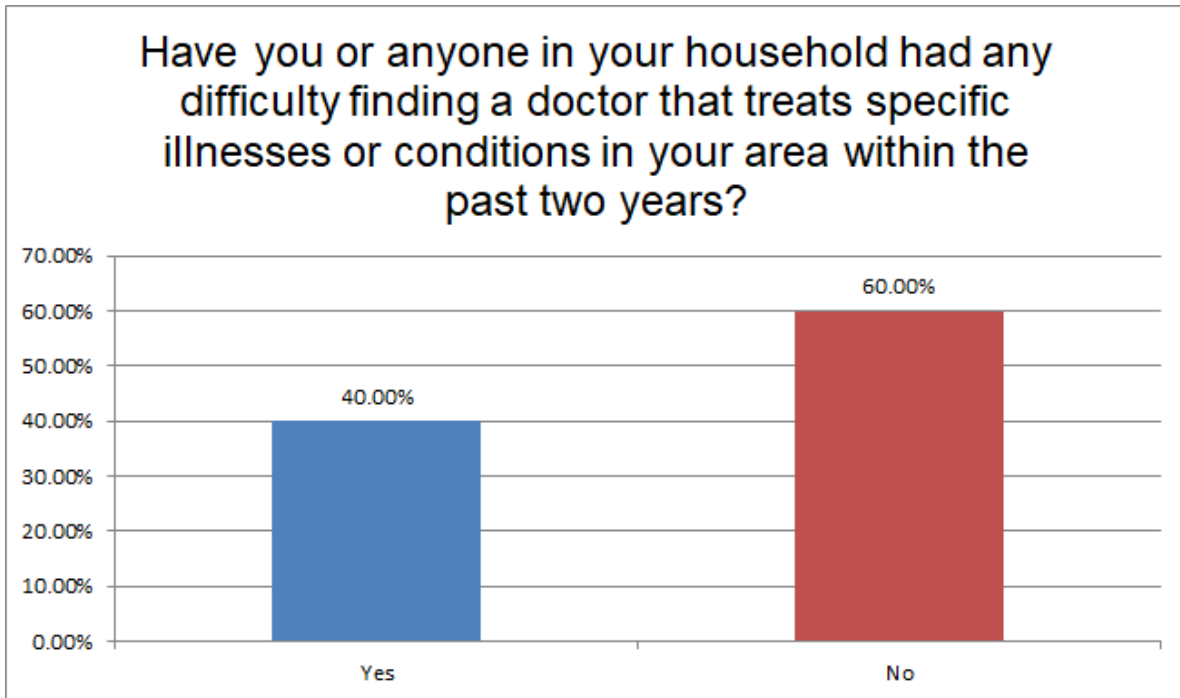
Slightly over 80% of survey respondents said they participated in one form of physical activity or exercise in the past month.



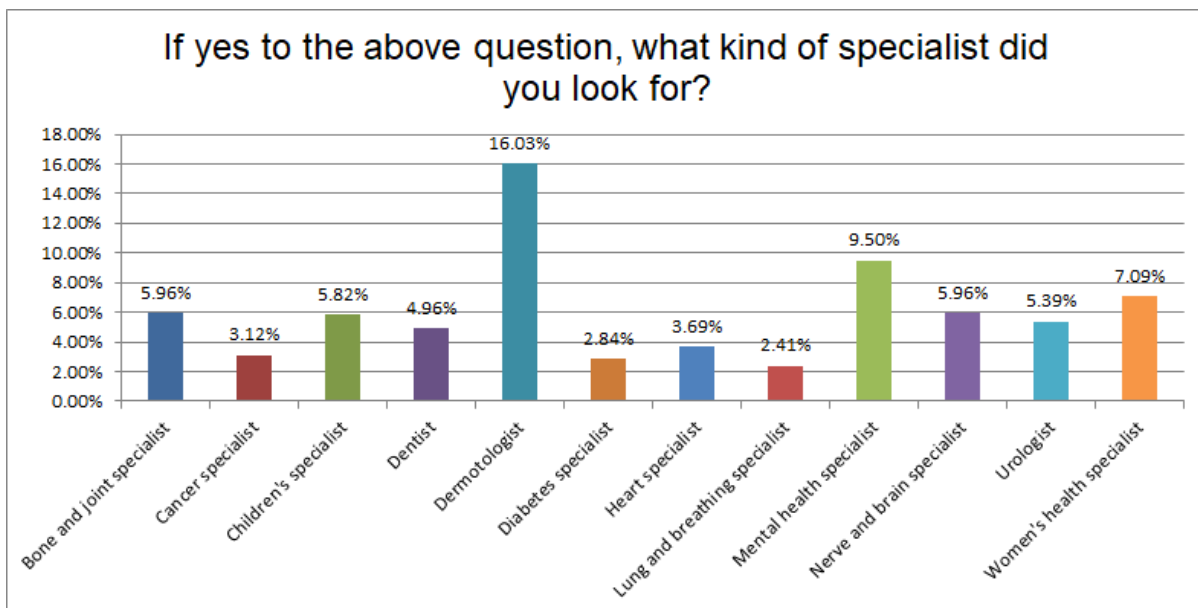
When asked about a diagnosis for specific chronic conditions, the top three conditions listed are high cholesterol, hypertension and diabetes respectively.



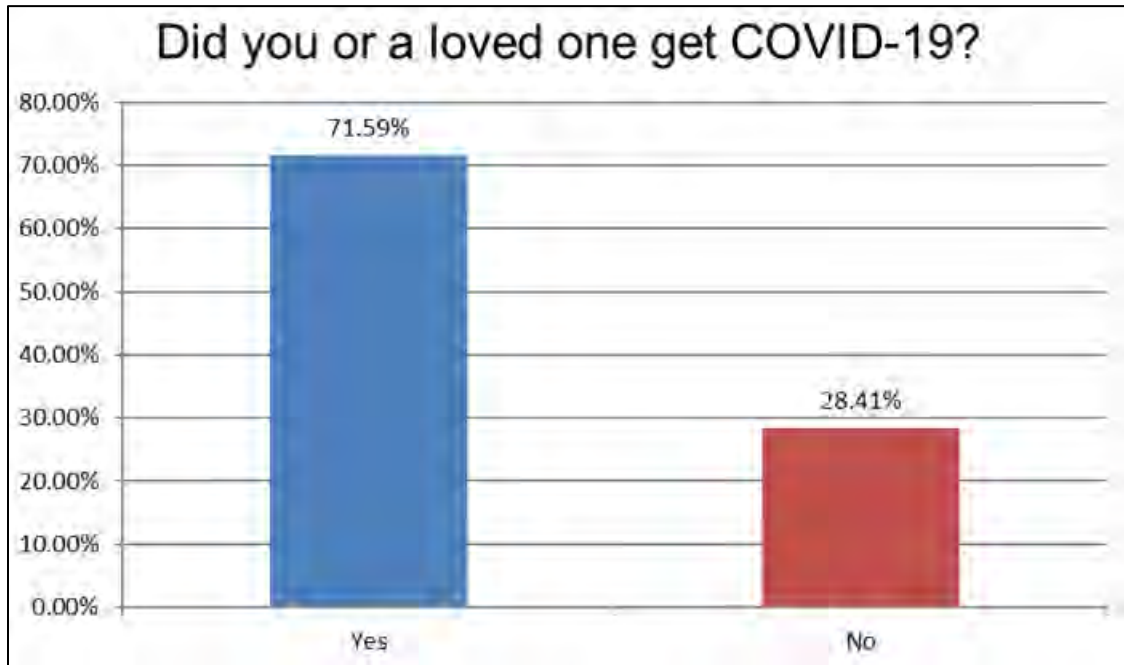
Forty percent of survey respondents indicated they have had difficulty finding a doctor who treats certain illnesses or conditions within the past two years.



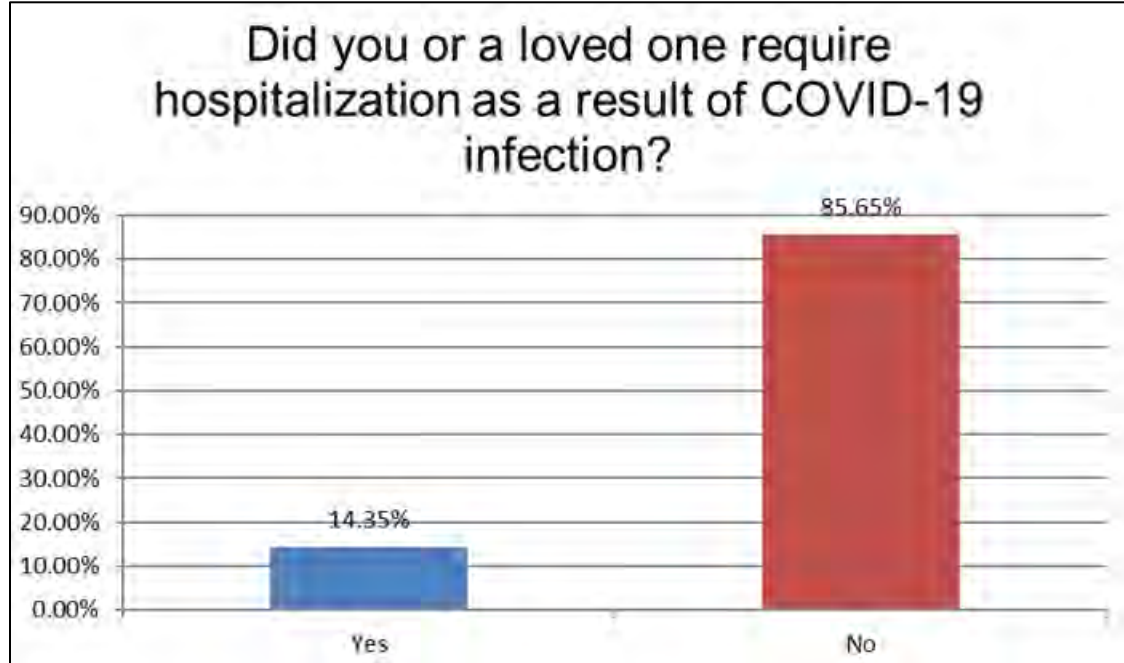
The top three specialists survey respondents indicated were difficult to find in the last two years were dermatologists, mental health specialists and women's health specialists.



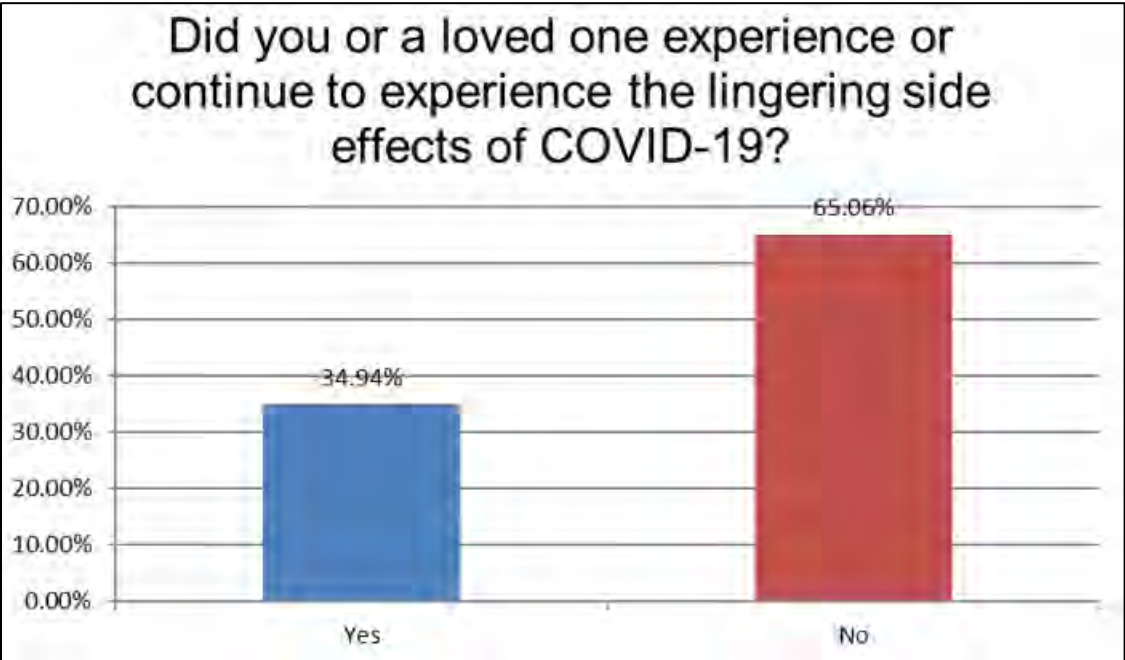
A significant number of the survey respondents indicated they had COVID 19.



While most of the survey respondents had COVID-19, only 14.35% required hospitalization.



Of the 71.59% of survey respondents who were infected with COVID-19, 34.94% continue to experience lingering effects.





## **2022 Focus Group Summary**

Western Missouri Medical Center conducted one focus group meeting in Johnson County, which is their primary service area. A diverse group of community members were invited to gather key information as required of the CHNA process. A total of 27 individuals attended the in-person focus group meeting on May 3, 2022, at 4 p.m., held at WMMC Courtyard Café. As required of the process, hospitals engaged public health, patients, families and other key partners in all steps, but especially in the selection of issues for community-based action. Although the IRS does not mandate one prioritization methodology over another, they require hospitals to have criteria for prioritizing needs. During the focus group meeting, Missouri Hospital Association staff reviewed the past findings of the 2019 CHNA, 2022 community health survey results, and current secondary data findings derived from the [exploreMOhealth](#) platform. Attendees were educated about the prioritization process which was key to their selection criteria for the priority health issues identified through this process. The table below shows an example of one of many possible prioritization criteria that the focus group attendees used.

<b>Examples of Prioritization Criteria</b>	
Magnitude of the Problem	The health need affects a large number of people within the community.
Severity of the Problem	The health need has serious consequences (morbidity, mortality and/or economic burden) for those affected.
Health Disparities	The health need disproportionately impacts the health status of one or more vulnerable population groups.
Community Assets	The community can make a meaningful contribution to addressing the health need because of its relevant expertise and/or assets as a community, and because of an organization commitment to addressing the need.
Ability to Leverage	There is opportunity to collaborate with existing community partnerships working to address the health need, or to build on current programs emerging opportunities, etc.

### **Priority Issues Identified**

1. Mental health/substance abuse/suicide
2. Affordable health care/access to dental care
3. Chronic diseases/obesity

During the focus group meeting, attendees were asked to identify and write on sticky notes the barriers for each priority area. These were then placed on white placards affixed to a wall. The scribe captured the strengths, opportunities and solutions from the placards. The following information was gathered during the focus group meeting.

## **Barriers**

### **Mental Health/Substance Abuse/Suicide**

- Finding and paying for a counselor is difficult even if you have some insurance coverage.
- Available counselors especially for veterans/military personnel
- Social stigma
- Lack of trained professionals, i.e., psychiatric nurse practitioners, psychiatrists
- Access to care and continued support for care
- Accessibility to illicit/illegal drugs
- Affordability
- Staff shortage at provider locations
- Availability of mental health providers
- Lack of knowledge of mental health resources
- People don't want or are afraid to see mental health providers
- Insurance conditions in covering mental health
- Lack of payer/payments for mental health services
- Mental health not reaching people before issues arise
- Capacity building
- Lack of screening
- Lack of education
- Lack of early identification
- Lack of primary care/behavioral health integration

## **Barriers**

### **Affordable Health Care/Access to Dental Care**

- Dental – fear, cost, and stigma
- Community programs to support – what are they and how do those in need access them
- High cost, high deductible and high insurance
- Community support – providers that offer dental care
- Not enough health fairs in the community
- Limited resources to advocate at the state level
- Lack of Medicare enrollment
- Pricing of health care
- Information availability and dissemination gaps
- Income/employment issues
- Need for access to better, more affordable dental
- Lack of resources to provide awareness of free or affordable health and dental services
- Health care inequality due to social economic status
- Lack of affordable marketplace providers of the Affordable Care Act

- Not many providers care for low-income needs
- Lack of insurance for all
- Lack of enough providers
- Insurance carriers' coverage – who will accept certain coverages – in and out of network coverage issues

## **Barriers**

### **Chronic Diseases/Obesity**

- Lack of preventive testing awareness
- Unwillingness to change
- Education about lifestyle choices
- Diagnosis and available health care
- Lack of individuals willingness to change health risk factors
- Social determinants of health
- Prevention and education of what leads to chronic diseases
- Lack of medication resources and knowledge
- High grocery costs – it costs more to eat healthy
- Reactive as opposed to proactive approach to care that should focus on prevention and education
- Lack of a cancer treatment facility
- Getting people to do the screenings, i.e., colonoscopy, mammograms, pap smear, etc.
- Lack of intervention information – people do not know the resources for screening
- Access to adequate nutritional resources
- Support networks

### **Overall Strengths for All the Priority Issues Identified**

- Partnerships and collaborations have improved over the years
- Outstanding hospital
- Access to more services
- Willingness to pivot and work together
- People want to make change
- Hospital access liaison with Compass Health
- Leveraging technology
- Food banks
- Awareness of problems

## Overall Opportunities

- Not sure Holden is aware of the support available to them. Finding opportunities to collaborate with them is a good first step.

## Overall Solutions

- Medicaid expansion (political lobbying for funding)
- Integrating mental health issues into primary care
- Implementing zero suicide model
- Public schools' partner with other entities for specialized services
- Focus earlier on children
- Health Tran program – driving individuals to health care appointments
- Knowing what others are doing and sharing
- Website on health services (make people more aware of site)
- Community health resources
- WILS Accessible Transportation Services provided – mileage is paid
- Knowledge of services available
- Charity care process knowledge with hospital – be proactive instead of reactive after hospital visit

The information gathered will help inform the CHNA implementation strategy for WMMC.

## Focus Group Participants

Name	Organization
Donovan Bock	Compass Health Network
Tara Carlyle	Western Missouri Medical Center
Bailee Copas	Western Missouri Medical Center
Aimee Courtaway	Johnson County Economic Development Corporation
Darinda Dick	Western Missouri Medical Center
Danielle Dulin	Warrensburg City Manager
Lt. Col. Donna Eaton	Whiteman Air Force Base Health Care Integrator
Jan Glover	Western Missouri Medical Center Foundation
Jennifer Koepke	Western Missouri Medical Center
Joanne Kurt-Hilditch	Missouri Safety Center
Suzy Latore	University of Central Missouri Health Promotion
Kerri Lewis	Johnson County Community Health
Shane Lockard	Johnson County Ambulance District
Carol Mallery	Holden City Council
Ashley Martinez	Johnson County Community Health
Barbara Mayfield	Diversity and Equity, WILS

Name	Organization
Allen Mensch	Holden City Council
Carol Mensch	Holden City Council
Dean Ohmart	Western Missouri Medical Center
Paul Polychronis	Board Certified Psychologist, University of Central Missouri
Beth Rutt	University of Central Missouri
Jennie Snapp	Western Missouri Medical Center
Chris Stewart	Katy Trail Community Health
Suzanne Taylor	Warrensburg Chamber of Commerce
Stephanie Truex	Johnson County Community Health
Bruce Uhler	Warrensburg City Council/Johnson County Historical
Rita White	WMMC Board of Trustees

Representatives from the following organizations were invited but were unable to attend the focus group meeting.

- Associate Circuit Judge – Division 4
- Care Connection for Aging Services
- Concordia Police Department
- Concordia R-2
- Crest Ridge Schools
- Equity Bank
- Holden R-III School District
- Johnson County Board of Services
- Johnson County Emergency Management Agency
- Kingsville School District
- Knob Noster R-VIII Schools
- KOKO/KWKJ
- La Monte School District
- Lafayette County C-1 School District
- Leeton School District
- McKell Young DDS
- Missouri Veterans Home – Warrensburg
- Recovery Lighthouse
- RISE Services
- Warrensburg Parks and Recreation
- Warrensburg Police Department
- Warrensburg R-VI School District
- YES (Youth Excited About Sports)

## **Secondary Research Process**

To meet the CHNA requirements governing secondary data collection, aggregation and analysis, Quality Works used the [exploreMOhealth](#) innovative platform, which pulls data from reliable local, state and national sources. The platform comprises hundreds of measures compiled from over 20 national data sources into health factors and health outcomes domains. It is aimed for groups working to improve population health in Missouri. The intended audiences for this innovative platform are hospitals, the public health, researchers, grant writers, community action organizations and really any group in this space with an interest in better understanding and improving community health in Missouri at the state, county and ZIP code levels. The [exploreMOhealth](#) community health needs assessment platform was updated and relaunched May 31, 2022. The Missouri ZIP Health Rankings data included on the site were updated to reflect the most recent information on the health and social well-being of populations living in 937 Missouri ZIP codes. The latest ZHR data were generated by Missouri hospitals between fiscal years 2019 and 2021, and by the 2020 American Community Survey of the U.S. Census Bureau. New county-level data from the Robert Wood Johnson Foundation's 2021 County Health Rankings & Roadmaps program now are available on [exploreMOhealth](#), in addition to the Missouri Foundation for Health's 2016 Missouri County-Level Study data.

Findings were key in helping identify the gaps needing attention in Johnson County. Results from the previous community health assessments completed in 2016 and 2019 were used as a basis for the 2022 CHNA process. As required of the process, multiple data sources were used in the secondary data analysis process. Data from the primary service areas was benchmarked against state and national data whenever possible to identify emerging trends. It is important to note that data from the [exploreMOhealth](#) health atlas was used since it provides a comprehensive and customized community health needs assessment that evaluates health factors and health outcomes across counties and ZIP codes in Johnson County. Findings from these results will be the basis for any decision-making and will ensure that resources will be allocated where they are needed most.

The following secondary data sources were used in the analysis.

- Bureau of Labor Statistics and the Division of Occupational Employment Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System
- Centers for Disease Control and Prevention, National Vital Statistics
- Federal Bureau of Investigation, FBI Uniform Crime Reports
- Feeding America
- Missouri Department of Elementary and Secondary Education
- Missouri Department of Health and Senior Services, Missouri County-Level Study
- Missouri Department of Mental Health
- Missouri Department of Social Services
- Missouri Division of Behavioral Health, Substance Abuse and Mental Health Services Administration

- Missouri Economic Research and Information Center
- National Archive of Criminal Justice Data
- National Center for Education Statistics, NCES - Common Core of Data
- Pennsylvania State University, College of Agricultural Sciences, Northeast Regional Center for Rural Development
- University of Missouri, Center for Applied Research and Environmental Systems
- University of Wisconsin's Robert Wood Johnson Foundation County Health Rankings
- US Census Bureau, American Community Survey
- US Census Bureau, Decennial Census
- US Census Bureau, Small Area Health Insurance Estimates
- US Census Bureau, Small Area Income and Poverty Estimates
- US Department of Education, ED Facts
- US Department of Health and Human Services, Administration for Children and Families
- US Department of Health and Human Services, Health Indicators Warehouse
- US Department of Labor, Bureau of Labor Statistics

## **Secondary Research Data**

Secondary data findings revealed Johnson County had a population of 53,948 people according to the U.S. Census Bureau American Community survey five-year estimate conducted between 2016 to 2020. Johnson County's population density of 65 is considered sparse when compared to the state and nation at 89 and 92 respectively. Compared to other cities in Johnson County, Warrensburg has the highest population of over 5,000 per square mile. Per the U.S. Census Bureau Decennial Census, Johnson County saw an 8.99% population change between 2000 and 2010, which is slightly higher than the state rate of 7.1% and slightly lower than the national rate of 9.75%. However, the county's population only changed 2.7% between 2010 and 2020. During the same period the state and nation's population change decreased as well. According to the U.S. Census Bureau American Community Survey five-year estimates, Johnson County had a lower median age of its population at 30.3 years compared to the state and nation at 38.7 and 38.2 years respectively.

According to the 2010 U.S. Census Bureau Decennial Census survey data, 50.44% of Johnson County's population lived in the rural areas compared to the state and nation at 29.56% and 19.11% respectively. The county had a significantly higher percent of veteran population compared to the state and nation.

Reviewing the population aged 25 years and older with no high school diploma, Johnson County's percent of 7.49% was lower when compared to the state and nation at 9.41% and 11.47% respectively. In looking at the population aged 25 years and older with a bachelor's degree or higher, Johnson County was slightly lower at 29.47% compared to the state and nation at 29.94% and 32.92% respectively. It is worth noting that educational attainment is linked to positive health outcomes. Studies have shown people with more education live longer, healthier lives than those with fewer years of schooling.

Per the latest five-year American Community Survey estimates based on the 2016-2020 data, the county's median household income was \$70,515, which was lower than the state and national rates of \$72,834 and \$80,069 respectively. A review of the racial and ethnic breakdown of median household income revealed that Non-Hispanic White individuals had the highest household income of \$71,866, followed by Black/African Americans at \$59,844, and Asians at \$50,833. Secondary data further revealed that Johnson County had a lower per capita income of \$26,327 compared to the state and national rates of \$31,839 and \$35,384 respectively.

Johnson County has 13.43% of its population living below the 100% Federal Poverty Level (FPL). This rate is higher than the state and national trends of 13.01% and 12.84% respectively. This indicator is especially important because poverty creates barriers to accessing necessities that contribute to poor health status, including health services, healthy food and others.

A review of the percentage of the population with insurance enrolled in Medicaid or other means-tested public health insurance shows that Johnson County was 13.24%, which was lower compared to the state and national rates 15.93% and 21.99% respectively. This measure



assesses vulnerable populations which are more likely to have multiple health access, health status and social support needs. When combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment. This metric is especially important because of the associated health disparities that result from gaps in accessibility.

Johnson County reported that 7.77% of households receive Supplemental Nutrition Assistance Program (SNAP) benefit; this is lower than the state and national rates of 10.48% and 11.35% respectively. The rate of food insecurity in Johnson County was 14.70% compared to the state and national rates of 14.20% and 12.63% respectively. This metric is an estimate of the percentage of the population who did not have food at some point during the report year and one of the most common social determinants of health.

The 2021 County Health Rankings data revealed that out of the 115 counties in Missouri, including the City of St. Louis, Johnson County ranked seventh in length of life, eighth in quality of life and fourth in the health outcomes combined ranking. A review of adult obesity data revealed that 33% of adults are obese, 29% are physically inactive and 51% do not have access to exercise opportunities. Johnson County was ranked 12<sup>th</sup> on health behaviors, which is a weighted combination of multiple factors such as adult smoking, adult obesity, food environment index, physical inactivity, access to exercise opportunities, excessive drinking, alcohol-impaired driving deaths, sexually transmitted infections and teen birth factors.

According to the 2021 County Health Rankings data as reported on [exploreMOhealth](#), Johnson County has a 2555:1 ratio of population to primary care physicians, 2162:1 ratio of population to dentists and 667:1 ratio of population to mental health providers. Johnson County is ranked 22 of 115 counties in clinical care ranking, which encompasses a weighted combination of uninsured, primary care physicians, dentists, mental health providers, preventable hospital stays and mammography screening factors.

According to the information derived from the [exploreMOhealth](#) platform, 39% of children enrolled in public schools are eligible for free or reduced-price lunch. The high school graduation rate for Johnson County is 92%, placing them in the top 20% category of highest rates in the state. Seventy-one percent of adults aged 25-44 have attended post-secondary education, ranking the county 12 of 115 in Missouri counties including the City of St. Louis. Johnson County is also ranked 12 out of 115 counties when comparing social and economic factors. This metric is comprised of a weighted combination of high school graduation, post-secondary education, unemployment, children in poverty, income inequality, single parent households, social associations, violent crime rates and injury death factors.

Per review of the Centers for Disease Control and Prevention, Behavioral Risk Factor Survey System results, 19% of adults in Johnson County reported their health was in fair or poor status. They also reported an average of 4.3 physically unhealthy days and a 4.4 average of mentally unhealthy days per month. The Behavioral Risk Factor Survey System results further revealed that 10% of adults aged 20 and above have diagnosed diabetes. The survey also revealed 100

out of 100,000 population have human immunodeficiency virus (HIV), thus ranking the county eighth in Missouri's quality of life ranking per the 2021 County Health Rankings.

The results of this secondary data analysis show Johnson County's strengths, weaknesses and opportunities for improvement across multiple drivers of health. This will require Western Missouri Medical Center to collaborate with other partners and adopt a well-coordinated, multi-faceted approach to address the challenges facing individuals and the community at large. Reviewing the secondary data closely and capturing the missing elements in the primary data collection process will assist WMMC and the community at large identify opportunities and current gaps to be addressed. Identifying the key partners that should be engaged earlier in the process will be critical to ensuring a successful prioritization and implementation of the CHNA.

Data from the [exploreMOhealth](#) database was used to aggregate secondary data analysis to identify the health outcomes and health factors most important in Johnson County. It was extremely important in helping generate this customized Community Health Needs Assessment using county and ZIP level data on demographics, socioeconomic status, risk factors, preventive practices, health conditions and environment. With the changing landscape in health care, new population health strategies are refocusing how care is delivered. However, to understand why poor emotional or physical health occurs in some communities, health care providers should be looking upstream to the numerous factors that lead to positive or negative health outcomes. These factors include social, environmental and contextual determinants. These community factors create an intersection of traditional health care and public health. Integrating social determinants in care delivery will ensure the entire care team is using a holistic approach that considers both medical and non-medical factors of health. Using the power of data available through platforms like [exploreMOhealth](#) and MHA's [Health Equity dashboards](#) will help magnify and stratify data, thus assisting WMMC implement strategies and actions with the needed precision.

## County Health Rankings and Roadmap

According to the most recent County Health Rankings and Roadmap data, Johnson County is ranked among the healthiest counties with respect to health outcomes and factors in Missouri. Johnson County has continued to see improvements in ranking over the last few years. The county level data based on the 2020 County Health Rankings showed Johnson County was 11 for health outcomes and 40 for health factors. The most current 2022 County Health Rankings data ranks Johnson County 5 for health outcomes and 13 for health factors.

Compared to the state rates, the following key areas were identified as strengths:

- Low teen births
- Lower income inequality
- Higher high school completion rate
- Lower injury deaths

In that same comparison, key areas in need of improvement are:

- Adult smoking
- Adult obesity
- Sexually transmitted infections

# County Health Rankings Report

## Location

Johnson County, MO

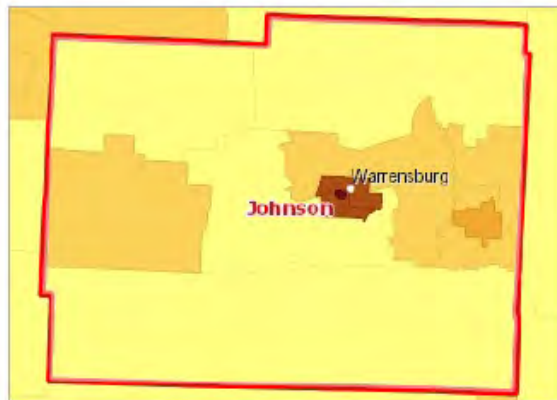
## Demographics

### Total Population

A total of 53,948 people live in the 829.26 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2016-20 5-year estimates. The population density for this area, estimated at 65 persons per square mile, is less than the national average population density of 92 persons per square mile.

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Johnson County, MO	53,948	829.26	65
Missouri	6,124,160	68,746.48	89
United States	326,569,308	3,533,038.14	92

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



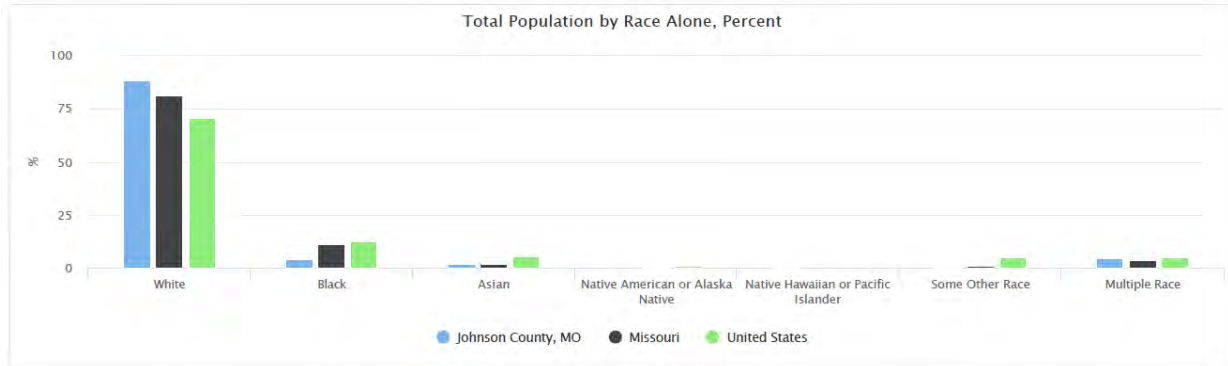
Population, Density (Persons per Sq Mile) by Tract, ACS 2016-20

- Over 5,000
- 1,001 - 5,000
- 501 - 1,000
- 51 - 500
- Under 51
- No Data or Data Suppressed
- Johnson County, MO

### Total Population by Race Alone, Percent

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

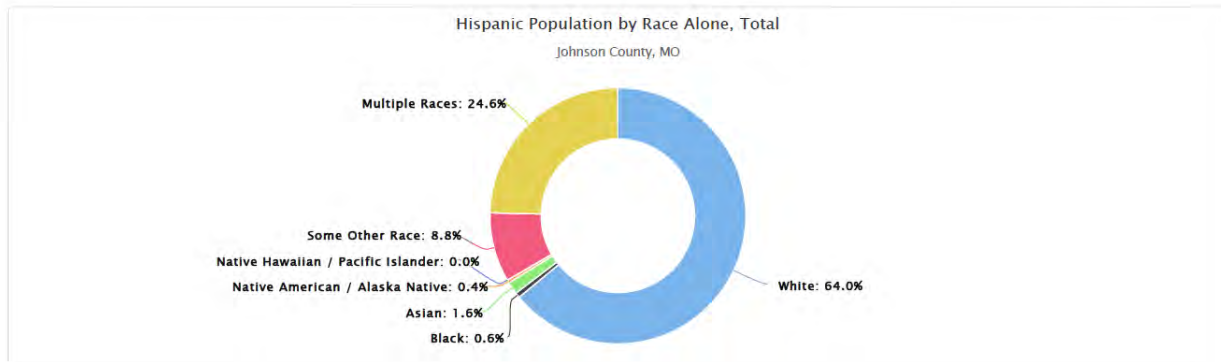
Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	88.26%	3.89%	2.12%	0.23%	0.30%	0.56%	4.64%
Missouri	81.29%	11.40%	2.02%	0.40%	0.15%	1.25%	3.50%
United States	70.42%	12.62%	5.64%	0.82%	0.19%	5.14%	5.17%



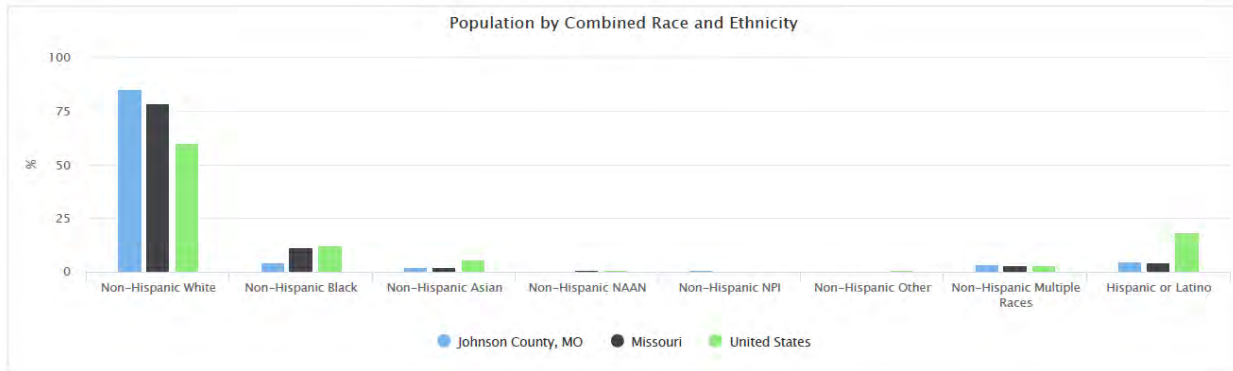
### Hispanic Population by Race Alone, Total

This indicator reports the total of Hispanic or Latino population in the report area by race alone.

Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Johnson County, MO	1,610	16	39	10	0	220	619
Missouri	151,103	5,533	1,304	3,628	1,011	63,942	36,156
United States	33,709,438	1,232,731	237,455	612,762	61,324	15,766,310	7,741,000



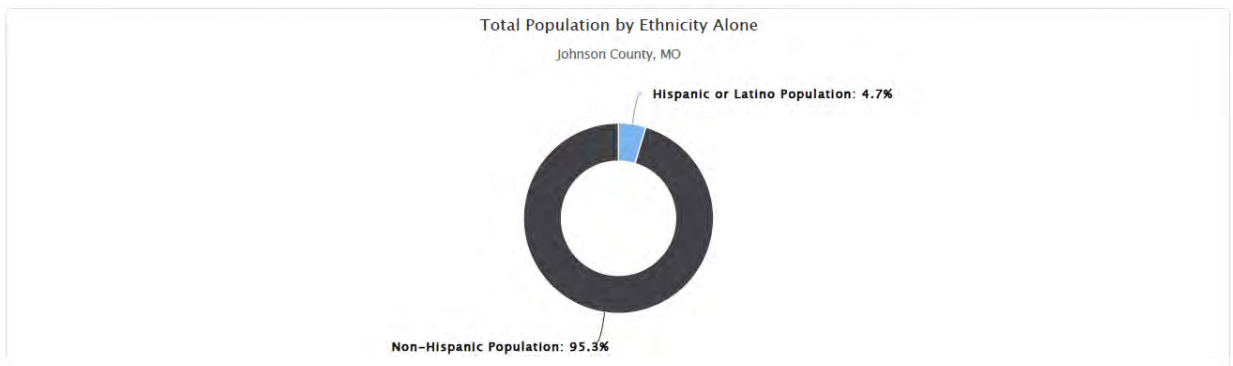
This indicator reports the percentage of the total population in the report area by combined race and ethnicity.



### Total Population by Ethnicity Alone

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

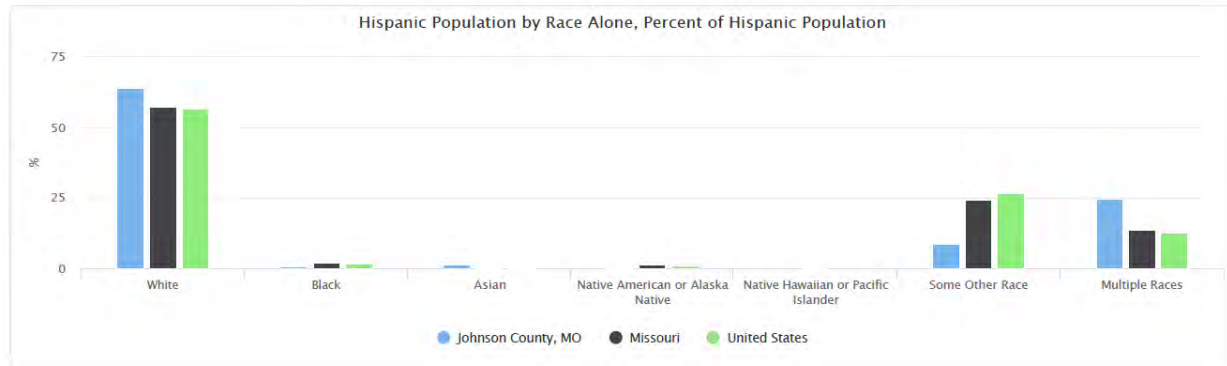
Report Area	Total Population	Hispanic or Latino Population	Hispanic or Latino Population, Percent	Non-Hispanic Population	Non-Hispanic Population, Percent
Johnson County, MO	53,948	2,514	4.66%	51,434	95.34%
Missouri	6,124,160	262,677	4.29%	5,861,483	95.71%
United States	326,569,308	59,361,020	18.18%	267,208,288	81.82%



### Hispanic Population by Race Alone, Percent of Hispanic Population

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

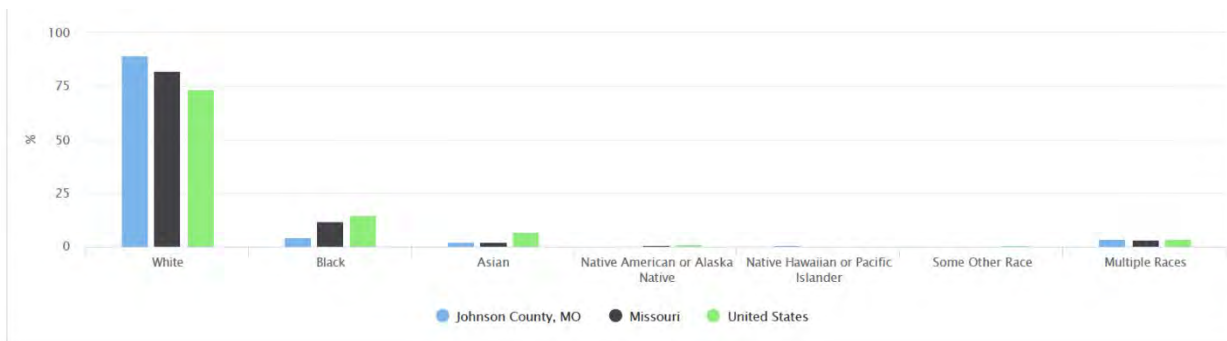
Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Johnson County, MO	64.04%	0.64%	1.55%	0.40%	0.00%	8.75%	24.62%
Missouri	57.52%	2.11%	0.50%	1.38%	0.38%	24.34%	13.76%
United States	56.79%	2.08%	0.40%	1.03%	0.10%	26.56%	13.04%



### Non-Hispanic Population by Race Alone, Percent of Non-Hispanic Population

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

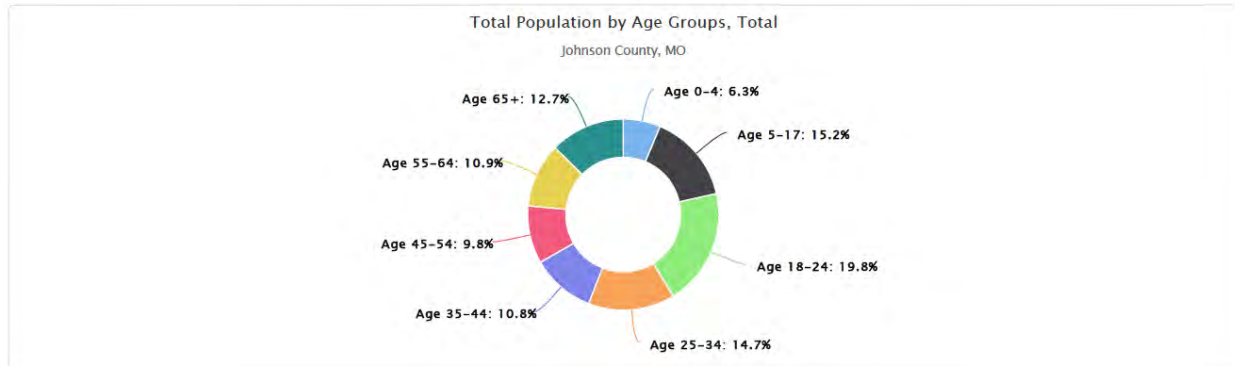
Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Johnson County, MO	89.44%	4.04%	2.15%	0.22%	0.32%	0.16%	3.66%
Missouri	82.35%	11.81%	2.09%	0.35%	0.13%	0.22%	3.04%
United States	73.45%	14.97%	6.81%	0.78%	0.21%	0.38%	3.42%



## Total Population by Age Groups, Total

This indicator reports the total population of the report area by age groups

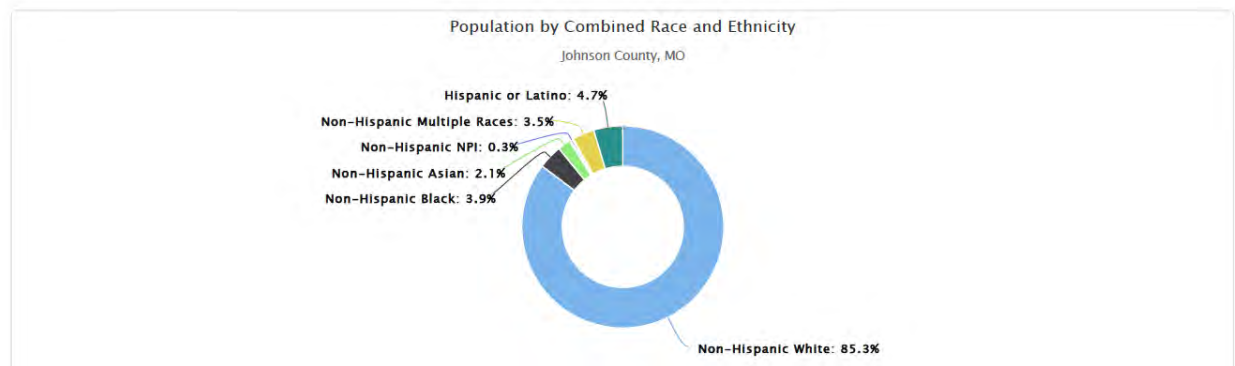
Report Area	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65+
Johnson County, MO	3,400	8,190	10,672	7,905	5,806	5,284	5,865	6,826
Missouri	371,046	1,008,377	567,945	819,044	745,789	752,645	825,930	1,033,384
United States	19,650,192	53,646,546	30,435,736	45,485,165	41,346,677	41,540,736	42,101,439	52,362,817



## Population by Combined Race and Ethnicity

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

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Asian	Non-Hispanic Native American or Alaska Native	Non-Hispanic Native Hawaiian or Pacific Islander	Non-Hispanic Some Other Race	Non-Hispanic Multiple Races	Hispanic or Latino
Johnson County, MO	85.27%	3.86%	2.05%	0.21%	0.30%	0.16%	3.49%	4.66%
Missouri	78.82%	11.31%	2.00%	0.34%	0.13%	0.21%	2.91%	4.29%
United States	60.09%	12.25%	5.57%	0.64%	0.17%	0.31%	2.80%	18.18%

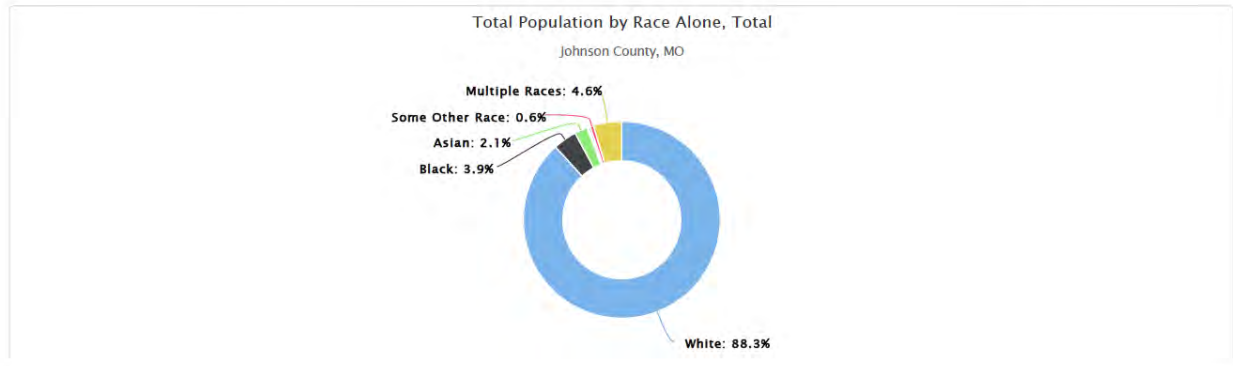




### Total Population by Race Alone, Total

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

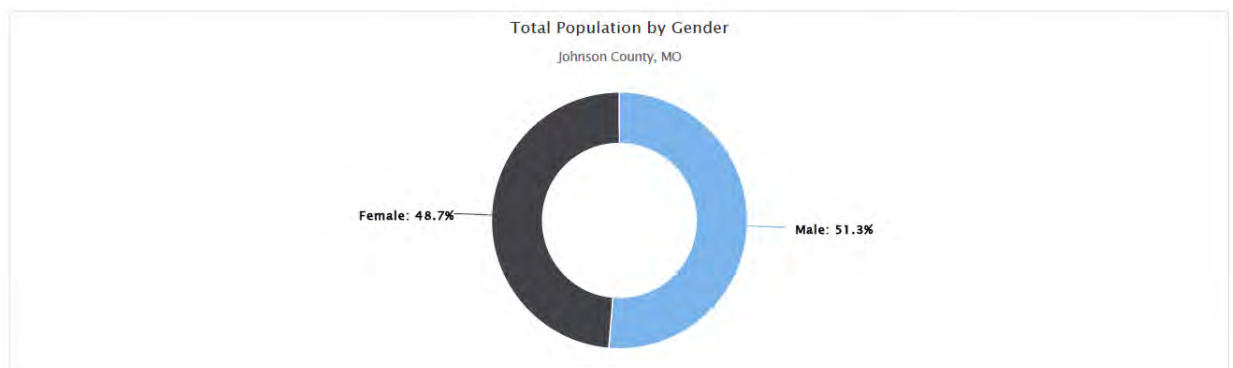
Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Johnson County, MO	47,613	2,096	1,144	124	164	304	2,503
Missouri	4,978,046	698,043	123,810	24,274	8,887	76,782	214,318
United States	229,960,813	41,227,384	18,421,637	2,688,614	611,404	16,783,914	16,875,542



### Total Population by Gender

This indicator reports the total population of the report area by gender.

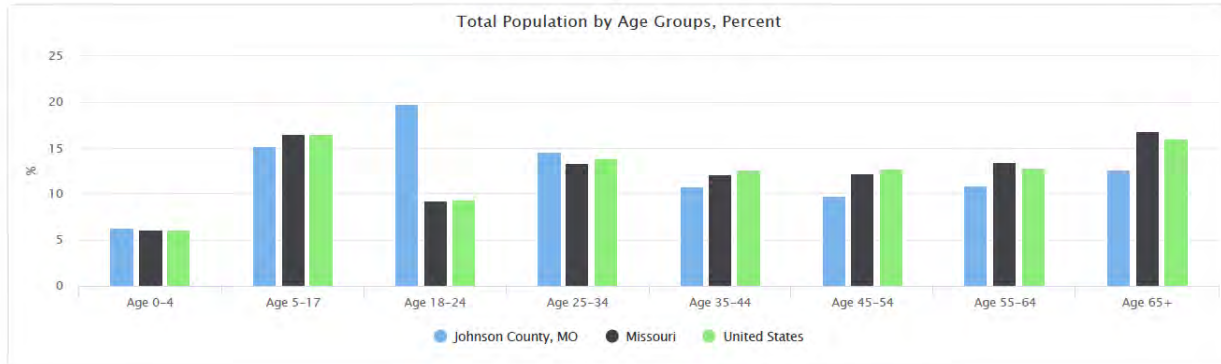
Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	27,695	26,253	51.34%	48.66%
Missouri	3,004,001	3,120,159	49.05%	50.95%
United States	160,818,530	165,750,778	49.24%	50.76%



### Total Population by Age Groups, Percent

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

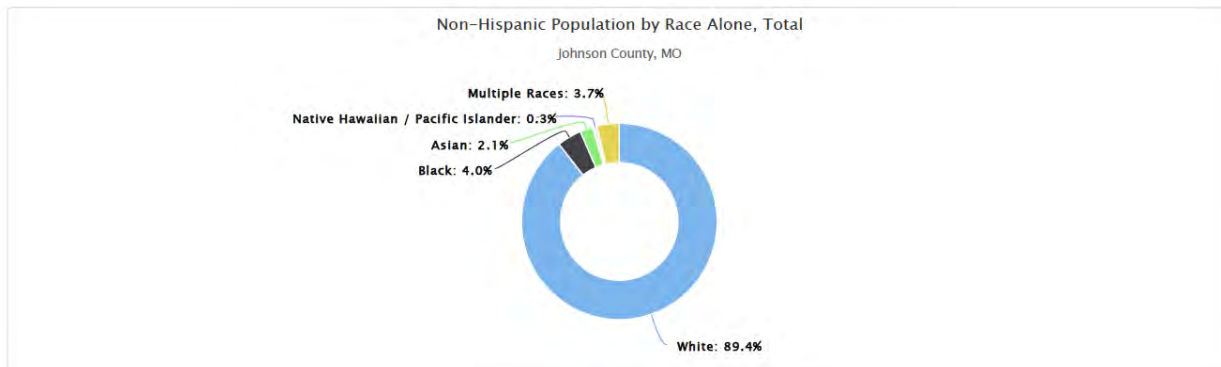
Report Area	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65+
Johnson County, MO	6.30%	15.18%	19.78%	14.65%	10.76%	9.79%	10.87%	12.65%
Missouri	6.06%	16.47%	9.27%	13.37%	12.18%	12.29%	13.49%	16.87%
United States	6.02%	16.43%	9.32%	13.93%	12.66%	12.72%	12.89%	16.03%



### Non-Hispanic Population by Race Alone, Total

This indicator reports the total non-Hispanic population in the report area by race alone.

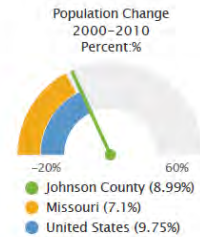
Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Johnson County, MO	46,003	2,080	1,105	114	164	84	1,884
Missouri	4,826,943	692,510	122,506	20,646	7,876	12,840	178,162
United States	196,251,375	39,994,653	18,184,182	2,075,852	550,080	1,017,604	9,134,542



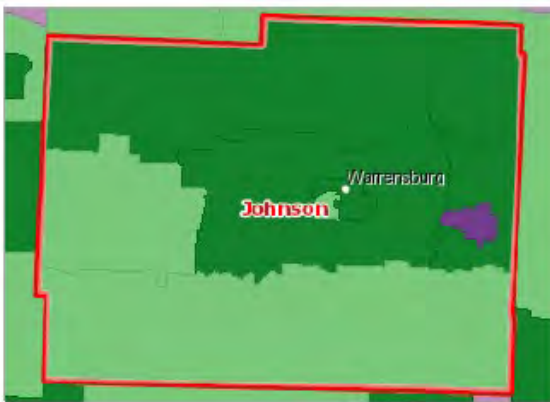
## Change in Total Population (2000 - 2010)

According to the United States Census Bureau Decennial Census, between 2000 and 2010 the population in the report area grew by 4,337 persons, a change of 8.99%. A significant positive or negative shift in total population over time impacts healthcare providers and the utilization of community resources.

Report Area	Total Population, 2000 Census	Total Population, 2010 Census	Population Change, 2000-2010	Population Change, 2000-2010, Percent
Johnson County, MO	48,258	52,595	4,337	8.99%
Missouri	5,591,987	5,988,927	396,940	7.1%
United States	280,405,781	307,745,539	27,339,758	9.75%



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, Decennial Census, 2000 - 2010. Source geography: Tract



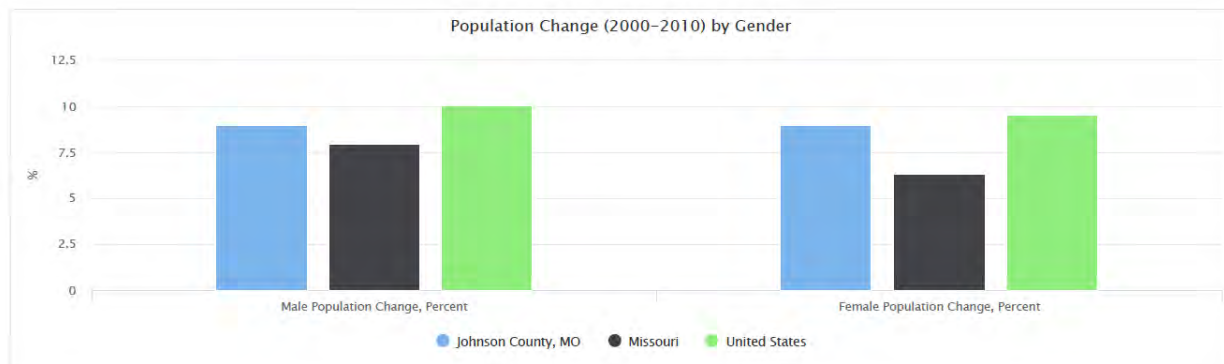
Population Change, Percent by Tract, US Census 2000 - 2010

- Over 10.0% Increase (+)
- 1.0 - 10.0% Increase (+)
- Less Than 1.0% Change (+/-)
- 1.0 - 10.0% Decrease (-)
- Over 10.0% Decrease (-)
- No Population or No Data
- Johnson County, MO

## Population Change (2000-2010) by Gender

This indicator reports the population change of the report area by gender.

Report Area	Male Population Change, Total	Male Population Change, Percent	Female Population Change, Total	Female Population Change, Percent
Johnson County, MO	2,187	8.98%	2,150	9.00%
Missouri	216,493	7.97%	180,448	6.28%
United States	13,738,020	10.02%	13,601,733	9.55%



### Total Population Change (2000-2010) by Race

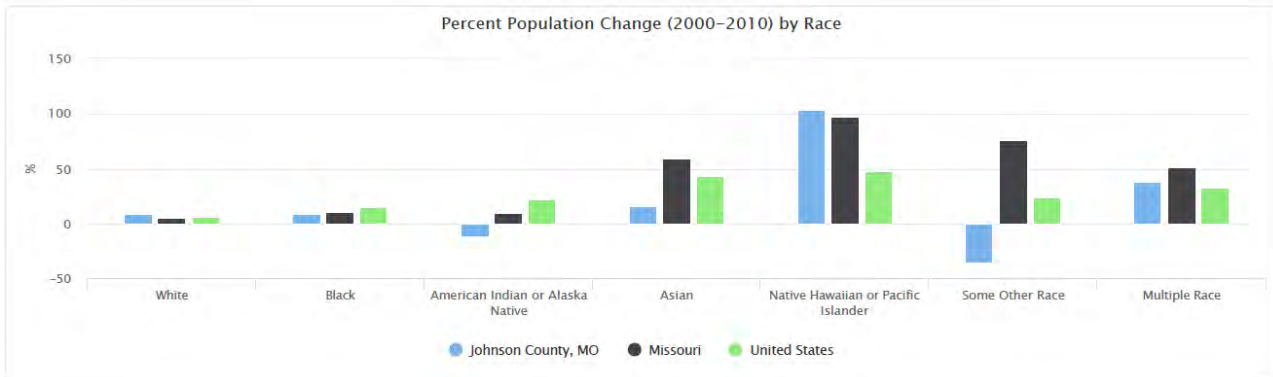
This indicator reports the total population change of the report area by race.

Report Area	White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	3,853	190	-36	110	63	-225	382
Missouri	212,311	65,457	2,352	36,513	3,086	34,633	42,589
United States	12,199,518	5,189,316	521,420	4,433,864	141,446	3,703,567	2,190,889

### Percent Population Change (2000-2010) by Race

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

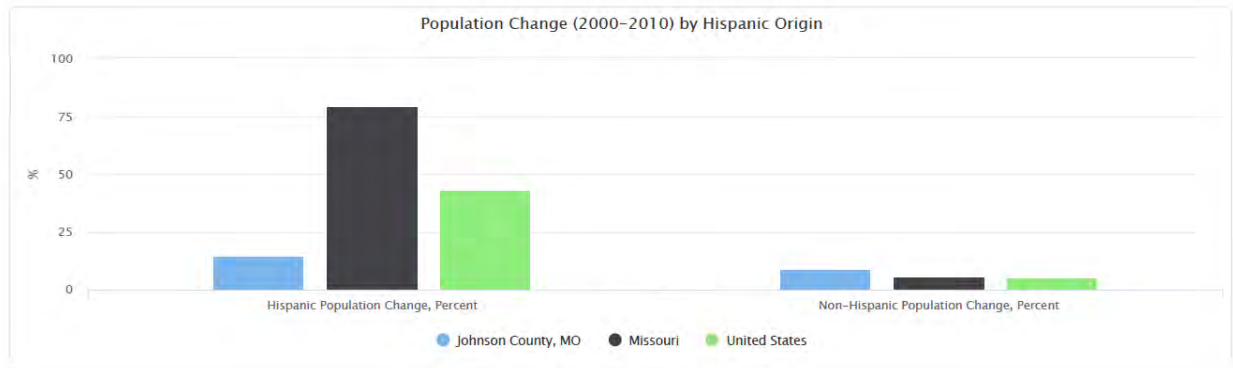
Report Area	White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	8.86%	9.1%	-11.46%	15.9%	103.28%	-36.12%	38.66%
Missouri	4.47%	10.42%	9.4%	59.3%	97.2%	75.58%	51.94%
United States	5.8%	15.43%	22.56%	43.72%	47.37%	24.2%	32.61%



## Population Change (2000-2010) by Hispanic Origin

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

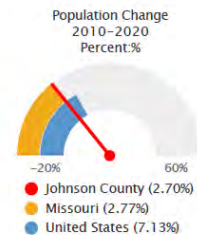
Report Area	Hispanic Population Change, Total	Hispanic Population Change, Percent	Non-Hispanic Population Change, Total	Non-Hispanic Population Change, Percent
Johnson County, MO	204	14.50%	4,133	8.82%
Missouri	94,137	79.55%	302,803	5.53%
United States	15,152,943	42.93%	12,099,099	4.92%



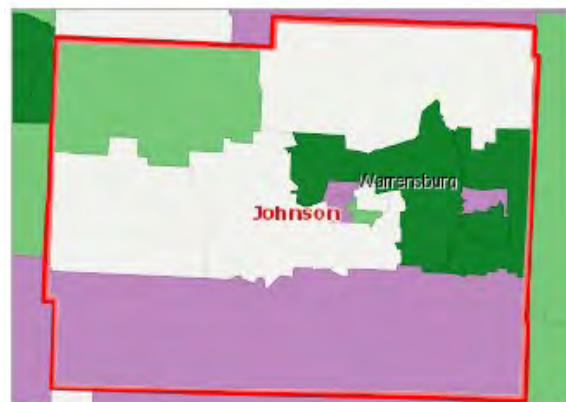
## Change in Total Population (2010 - 2020)

According to the United States Census Bureau Decennial Census, between 2010 and 2020 the population in the report area grew by 1,418 persons, a change of 2.70%. 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
Johnson County, MO	52,595	54,013	1,418	2.70%
Missouri	5,988,913	6,154,913	166,000	2.77%
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 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
- Johnson County, MO

### Total Population Change (2010-2020) by Race

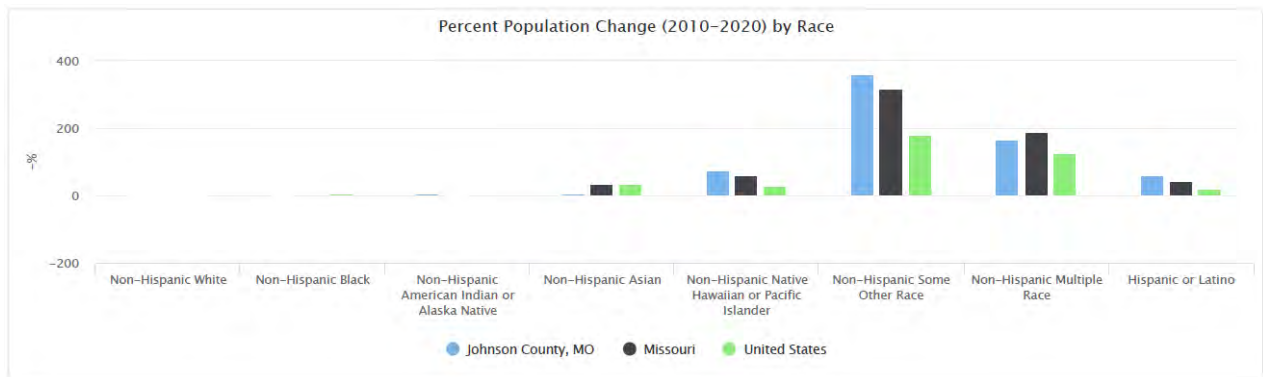
This indicator reports the total population change of the report area by combined race and ethnicity.

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic American Indian or Alaska Native	Non-Hispanic Asian	Non-Hispanic Native Hawaiian or Pacific Islander	Non-Hispanic Some Other Race	Non-Hispanic Multiple Race	Hispanic or Latino
Johnson County, MO	-1,952	82	14	40	90	159	2,001	984
Missouri	-186,824	5,625	-566	34,936	3,530	17,005	201,699	90,597
United States	-5,122,185	2,254,139	4,595	5,153,427	140,453	1,087,053	7,583,494	11,163,011

### Percent Population Change (2010-2020) by Race

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

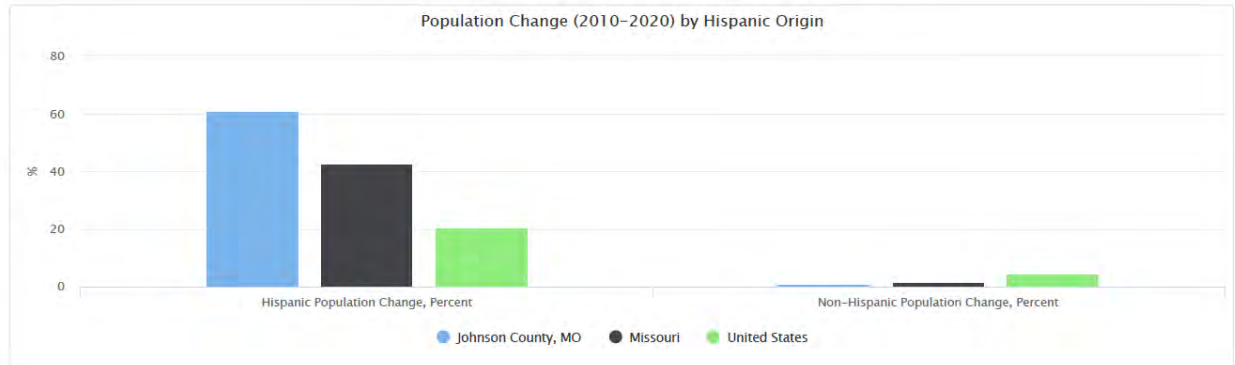
Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic American Indian or Alaska Native	Non-Hispanic Asian	Non-Hispanic Native Hawaiian or Pacific Islander	Non-Hispanic Some Other Race	Non-Hispanic Multiple Race	Hispanic or Latino
Johnson County, MO	-4.21%	3.68%	5.71%	5.12%	75.00%	361.36%	166.75%	61.08%
Missouri	-3.85%	0.82%	-2.35%	35.93%	61.25%	316.55%	190.03%	42.64%
United States	-2.60%	5.98%	0.20%	35.62%	29.16%	179.59%	127.07%	20.61%



## 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
Johnson County, MO	984	61.08%	434	0.85%
Missouri	90,597	42.64%	75,401	1.31%
United States	11,163,011	20.61%	11,100,922	4.30%

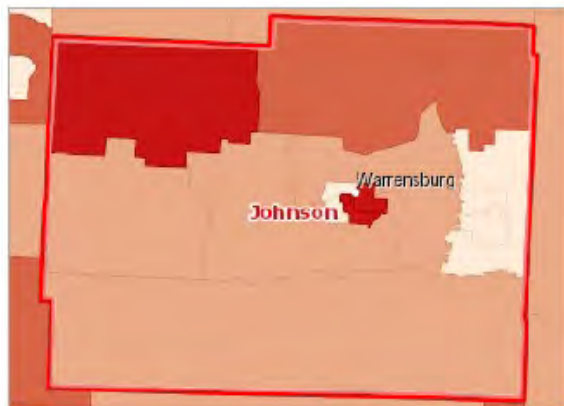


## Female Population

A total of 26,253 females reside in the report area according to the U.S. Census Bureau American Community Survey 2016-20 5-year estimates. Females represent 48.66% of the total population in the area, which is less than the national average of 50.76%.

Report Area	Total Population	Female Population	Percent Female Population
Johnson County, MO	53,948	26,253	48.66%
Missouri	6,124,160	3,120,159	50.95%
United States	326,569,308	165,750,778	50.76%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

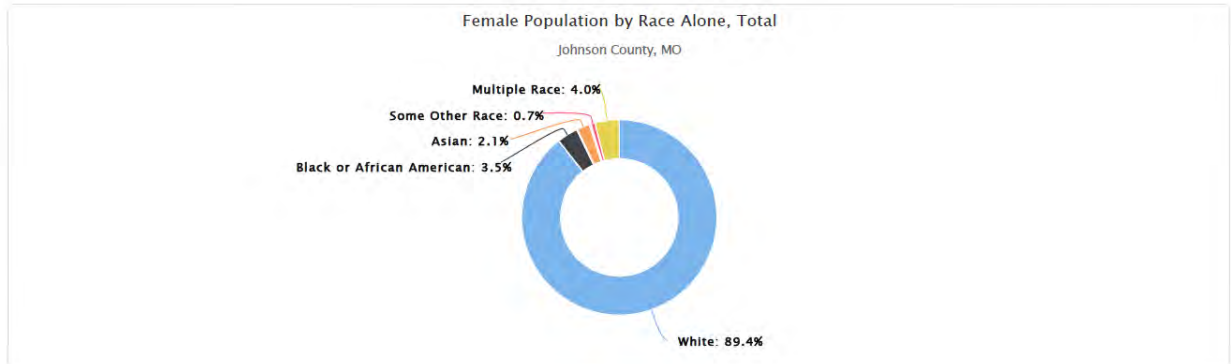


### Female Population, Percent by Tract, ACS 2016-20

- Over 52.0%
- 50.1 - 52.0%
- 48.1 - 50.0%
- Under 48.1%
- No Female Population Reported
- No Data or Data Suppressed
- Johnson County, MO

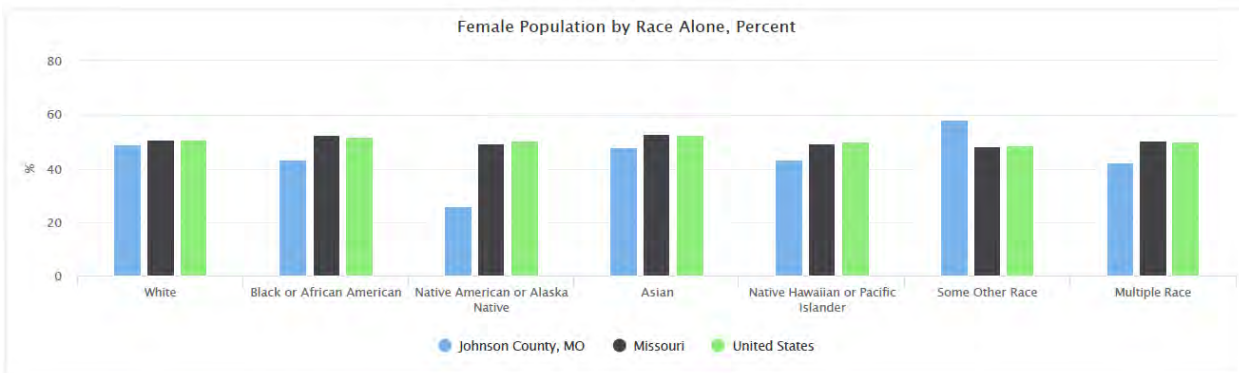
### Female Population by Race Alone, Total

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	23,458	909	32	550	71	177	1,056
Missouri	2,527,803	365,660	12,075	65,398	4,413	37,130	107,680
United States	116,296,280	21,496,987	1,352,042	9,646,897	304,906	8,196,148	8,457,518



### Female Population by Race Alone, Percent

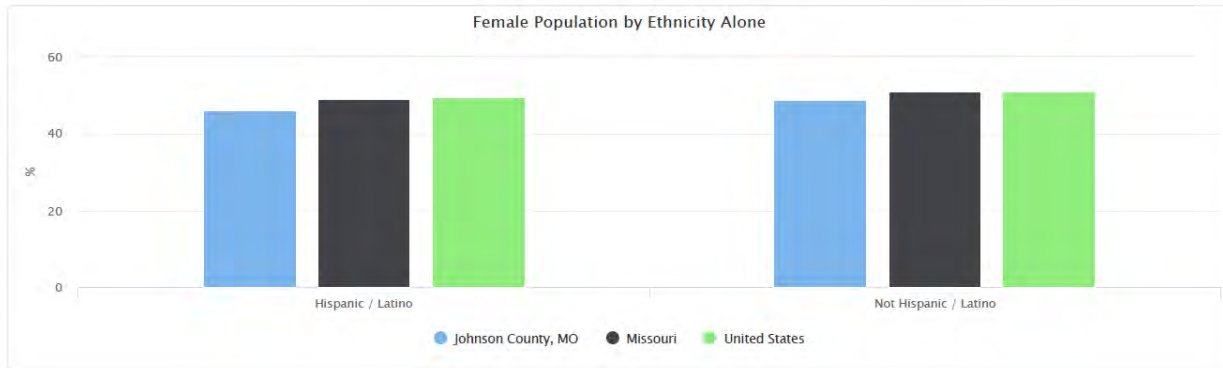
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	49.27%	43.37%	25.81%	48.08%	43.29%	58.22%	42.19%
Missouri	50.78%	52.38%	49.74%	52.82%	49.66%	48.36%	50.24%
United States	50.57%	52.14%	50.29%	52.37%	49.87%	48.83%	50.12%





## Female Population by Ethnicity Alone

Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	1,158	25,095	46.06%	48.79%
Missouri	128,808	2,991,351	49.04%	51.03%
United States	29,397,046	136,353,732	49.52%	51.03%

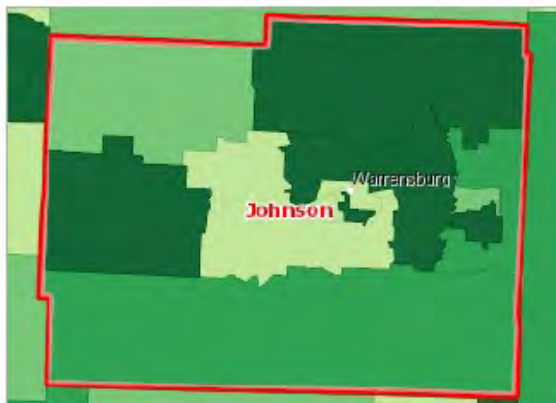


## Families with Children

According to the most recent American Community Survey estimates, 31.23% of all occupied households in the report area are family households with one or more child(ren) under the age of 18. As defined by the US Census Bureau, a family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption. A non-family household is any household occupied by the householder alone, or by the householder and one or more unrelated individuals.

Report Area	Total Households	Total Family Households	Families with Children (Under Age 18)	Families with Children (Under Age 18), Percent of Total Households
Johnson County, MO	19,931	12,591	6,225	31.23%
Missouri	2,440,212	1,551,056	710,086	29.10%
United States	122,354,219	79,849,830	37,257,337	30.45%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

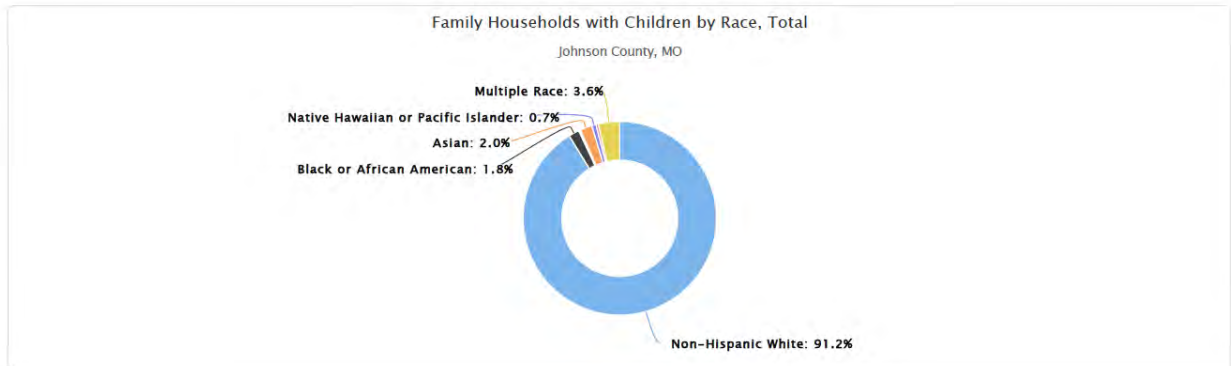


Households with Children (Age 0-17), Percent by Tract, ACS 2016-20

- Over 35.0%
- 31.6 - 35.0%
- 28.1 - 31.5%
- Under 28.1%
- No Data or Data Suppressed
- Johnson County, MO

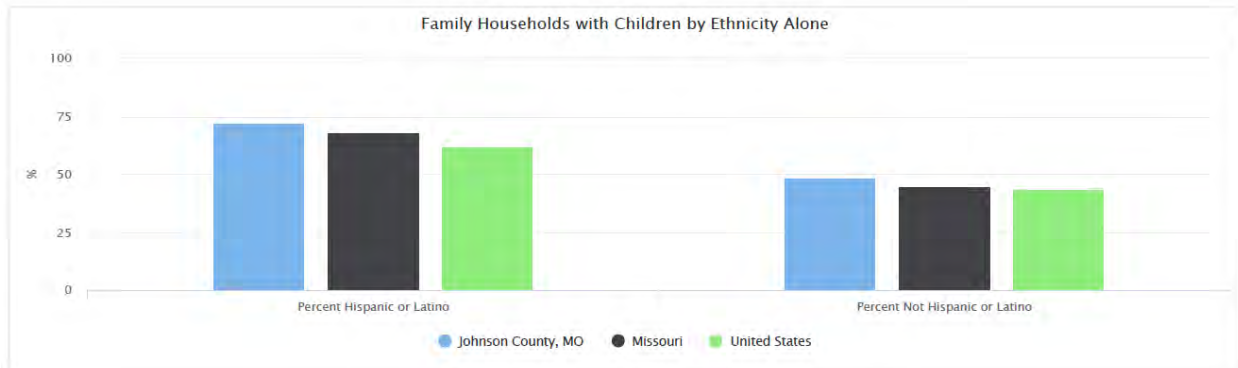
### Family Households with Children by Race, Total

Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	5,661	112	17	125	45	23	222
Missouri	569,028	87,006	2,722	15,662	1,030	10,174	20,779
United States	25,552,935	5,001,038	326,850	2,232,553	74,226	2,227,841	1,667,209



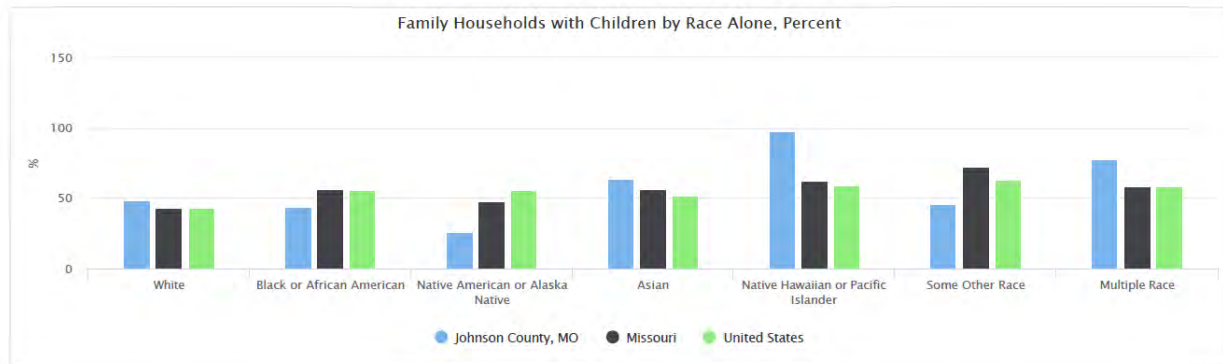
### Family Households with Children by Ethnicity Alone

Report Area	Total Hispanic or Latino	Total Not Hispanic or Latino	Percent Hispanic or Latino	Percent Not Hispanic or Latino
Johnson County, MO	301	5,904	72.18%	48.50%
Missouri	34,614	671,787	68.22%	44.78%
United States	7,667,202	29,415,450	62.32%	43.55%



### Family Households with Children by Race Alone, Percent

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	48.41%	44.27%	25.76%	63.78%	97.83%	46.00%	77.62%
Missouri	43.36%	56.51%	47.75%	56.21%	62.20%	72.06%	58.45%
United States	43.03%	55.32%	55.65%	51.53%	59.14%	63.20%	58.46%

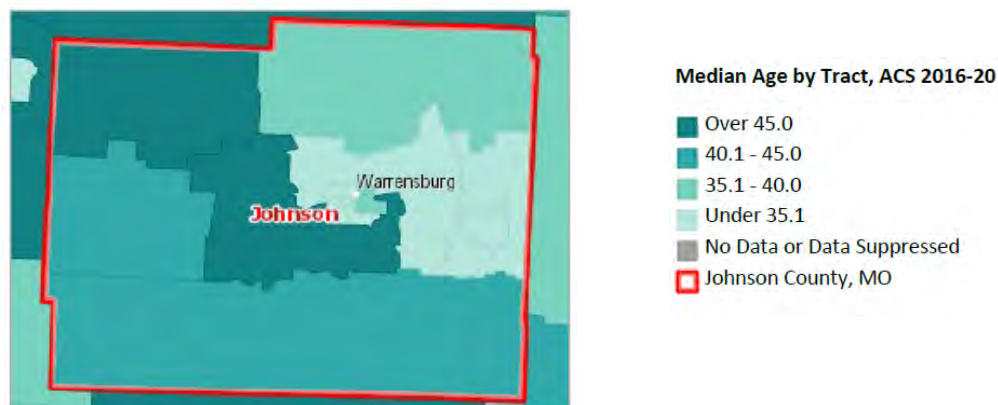


### Median Age

Of the estimated 53,948 total population in the report area, the median age of all persons is 30.3. This indicates that the report population as a whole generally trends younger than the state, which has a median age of 38.7. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates.

Report Area	Total Population	Median Age
Johnson County, MO	53,948	30.3
Missouri	6,124,160	38.7
United States	326,569,308	38.2

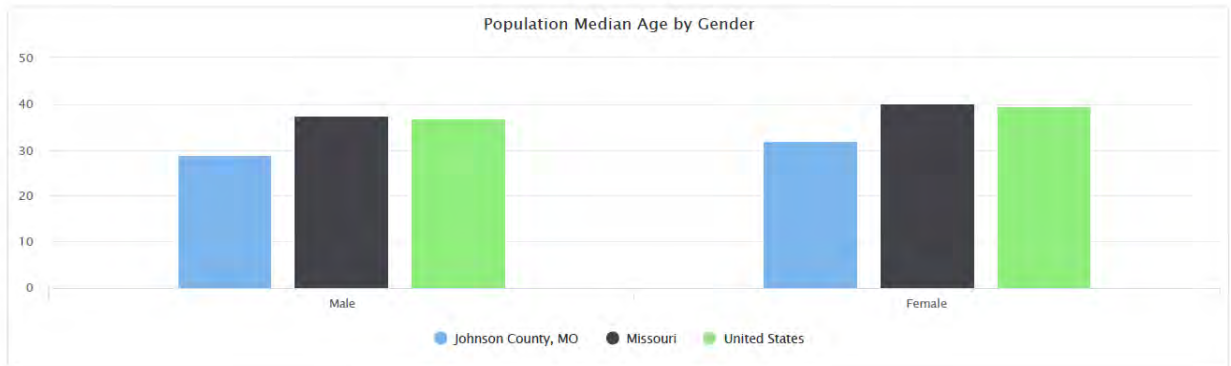
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



### Population Median Age by Gender

This indicator reports the median age of the population by gender.

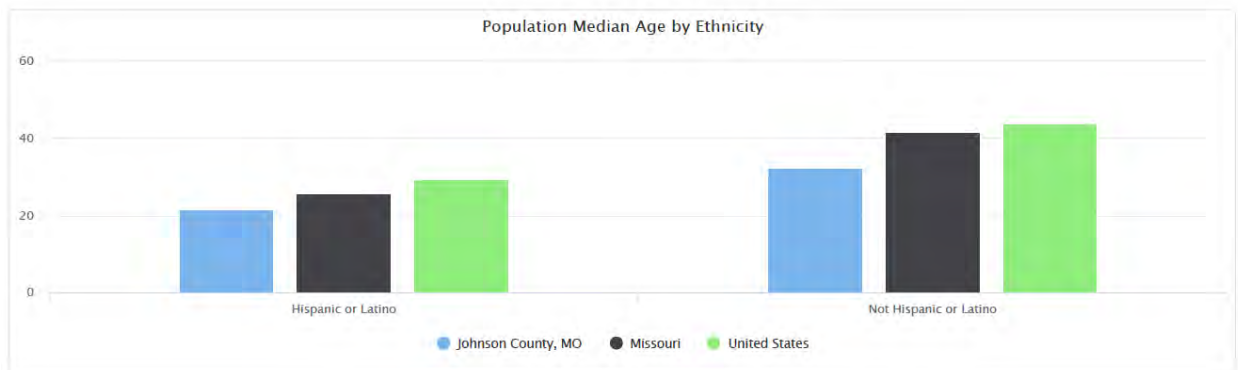
Report Area	Male	Female
Johnson County, MO	29.0	32.1
Missouri	37.4	40.2
United States	37.0	39.6



### Population Median Age by Ethnicity

This indicator reports the median age of the population by ethnicity.

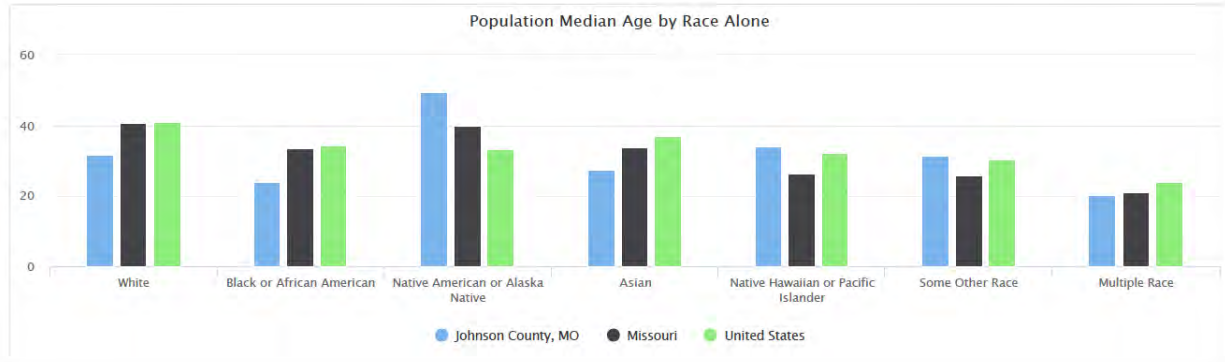
Report Area	Hispanic or Latino	Not Hispanic or Latino
Johnson County, MO	21.6	32.3
Missouri	25.9	41.5
United States	29.5	43.7



## Population Median Age by Race Alone

This indicator reports the median age of the population by race alone.

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	31.8	24.0	49.5	27.5	34.2	31.5	20.3
Missouri	40.9	33.4	39.8	33.9	26.4	26.0	21.0
United States	41.1	34.3	33.3	37.2	32.4	30.6	24.1

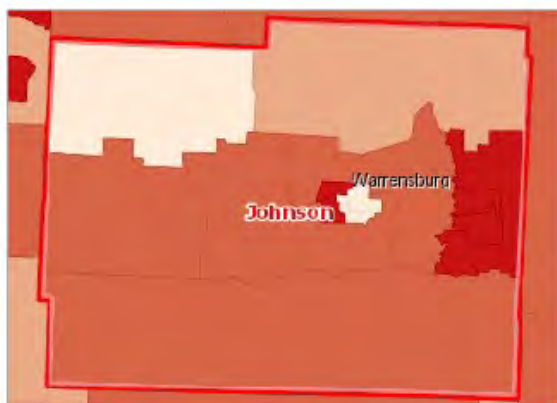


## Male Population

A total of 27,695 males reside in the report area according to the U.S. Census Bureau American Community Survey 2016-20 5-year estimates. Males represent 51.34% of the total population in the area, which is greater than the national average of 49.24%.

Report Area	Total Population	Male Population	Percent Male Population
Johnson County, MO	53,948	27,695	51.34%
Missouri	6,124,160	3,004,001	49.05%
United States	326,569,308	160,818,530	49.24%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

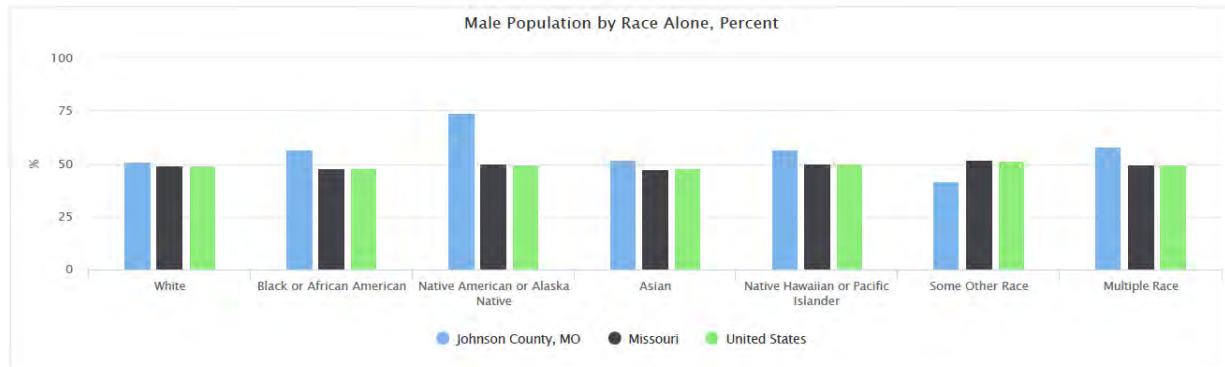


Male Population, Percent by Tract, ACS 2016-20

- Over 52.0%
- 50.1 - 52.0%
- 48.1 - 50.0%
- Under 48.1%
- No Male Population Reported
- No Data or Data Suppressed
- Johnson County, MO

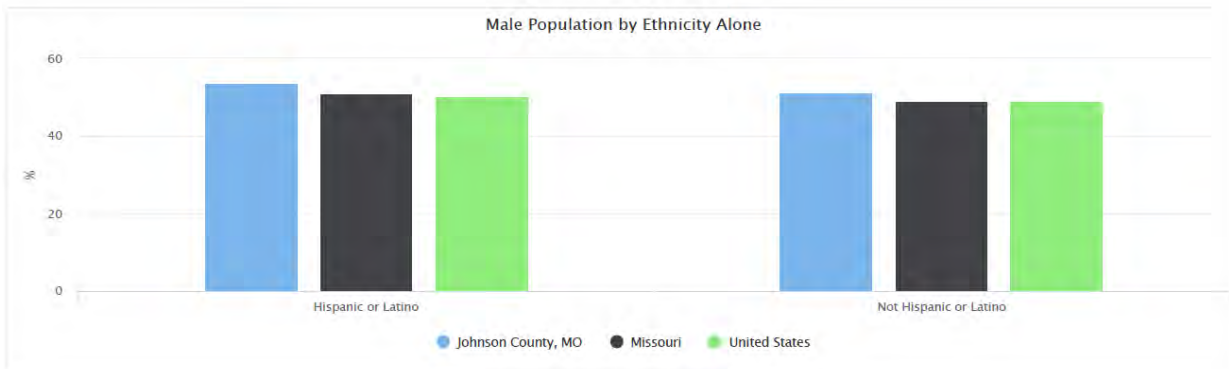
### Male Population by Race Alone, Percent

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	50.73%	56.63%	74.19%	51.92%	56.71%	41.78%	57.81%
Missouri	49.22%	47.62%	50.26%	47.18%	50.34%	51.64%	49.76%
United States	49.43%	47.86%	49.71%	47.63%	50.13%	51.17%	49.88%



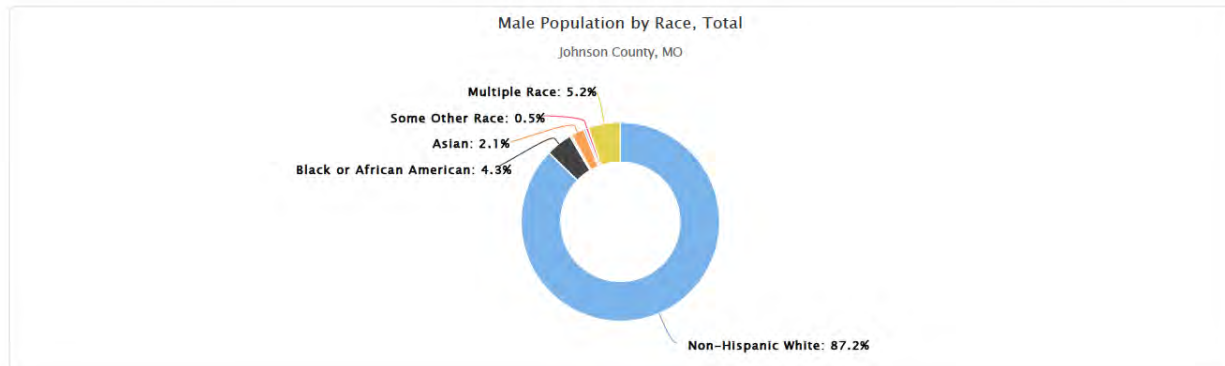
### Male Population by Ethnicity Alone

Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	1,356	26,339	53.94%	51.21%
Missouri	133,869	2,870,132	50.96%	48.97%
United States	29,963,974	130,854,556	50.48%	48.97%



### Male Population by Race, Total

Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	24,155	1,187	92	594	93	127	1,447
Missouri	2,450,243	332,383	12,199	58,412	4,474	39,652	106,638
United States	113,664,533	19,730,397	1,336,572	8,774,740	306,498	8,587,766	8,418,024

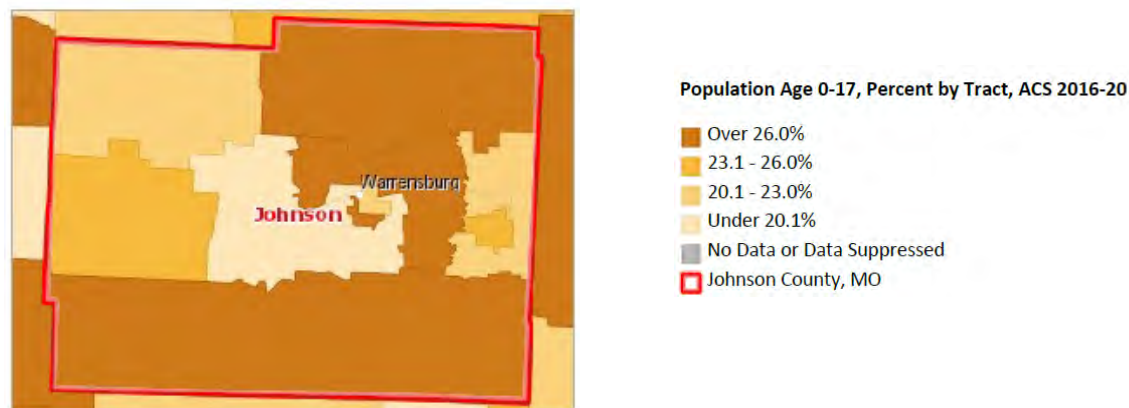


### Population Under Age 18

Of the estimated 53,948 total population in the report area, an estimated 11,590 persons are under the age of 18, representing 21.48% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of persons under age 18 is relevant because this population has unique needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 0-17	Population Age 0-17, Percent
Johnson County, MO	53,948	11,590	21.48%
Missouri	6,124,160	1,379,423	22.52%
United States	326,569,308	73,296,738	22.44%

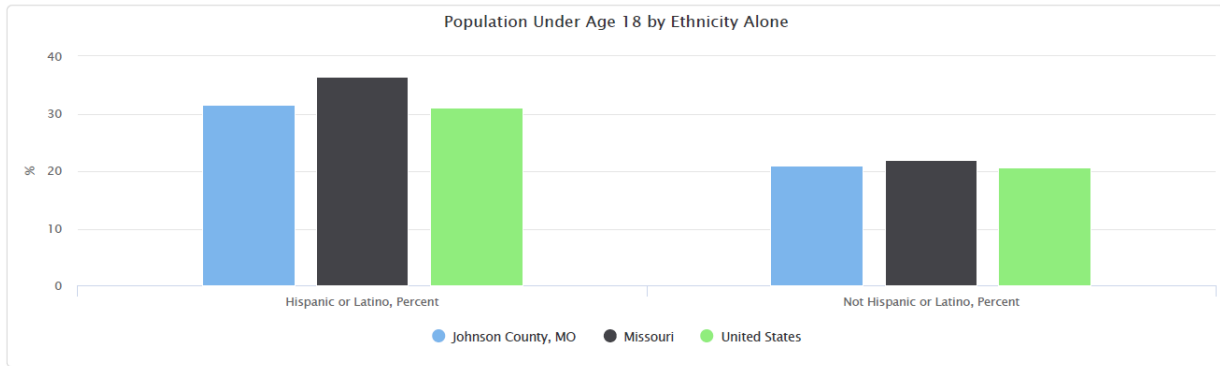
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



### Population Under Age 18 by Ethnicity Alone

This indicator reports the percentage of population who are under age 18 by ethnicity alone during 2016-2020, according to the American Community Survey (ACS). Within the report area, there were 792 persons of Hispanic or Latino origin under age 18 in the report area, representing 31.50% of the Hispanic or Latino population. There were 10,798 persons not of Hispanic or Latino origin under age 18 in the report area, representing 20.99% of the total non-Hispanic population. Data for this indicator is only reported for individuals where age, race, and ethnicity were identified in the American Community Survey.

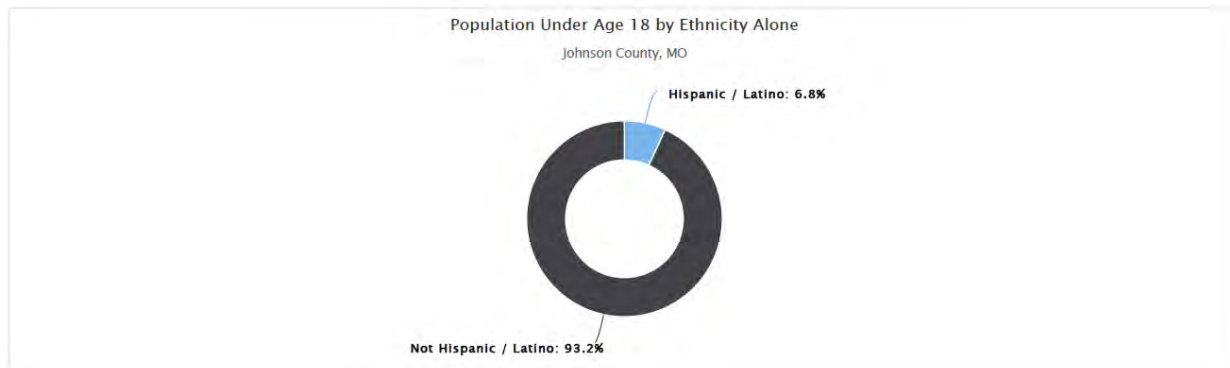
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	792	10,798	31.50%	20.99%
Missouri	95,777	1,283,646	36.46%	21.90%
United States	18,470,395	54,826,343	31.12%	20.52%



### Population Under Age 18 by Ethnicity Alone

This indicator reports the percentage of population who are under age 18 by ethnicity alone during 2016-2020, according to the American Community Survey (ACS). Within the report area, there were 792 persons of Hispanic or Latino origin under age 18, representing 6.83% of the total population under age 18. There were 10,798 persons not of Hispanic or Latino origin under age 18 in the report area, representing 93.17% of the total population under age 18. Data for this indicator is only reported for individuals where age, race, and ethnicity were identified in the American Community Survey.

Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	792	10,798	6.83%	93.17%
Missouri	95,777	1,283,646	6.94%	93.06%
United States	18,470,395	54,826,343	25.20%	74.80%

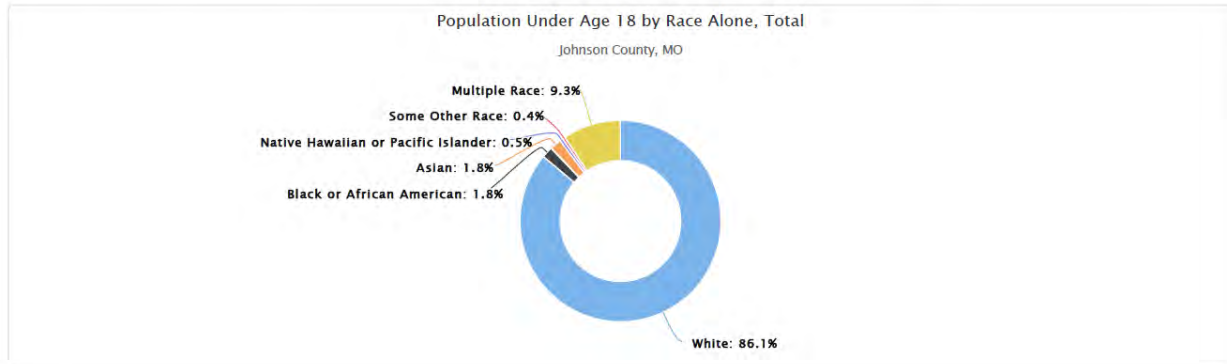




## Population Under Age 18 by Race Alone, Total

This indicator reports the proportion of each race (alone) making up the population under age 18.

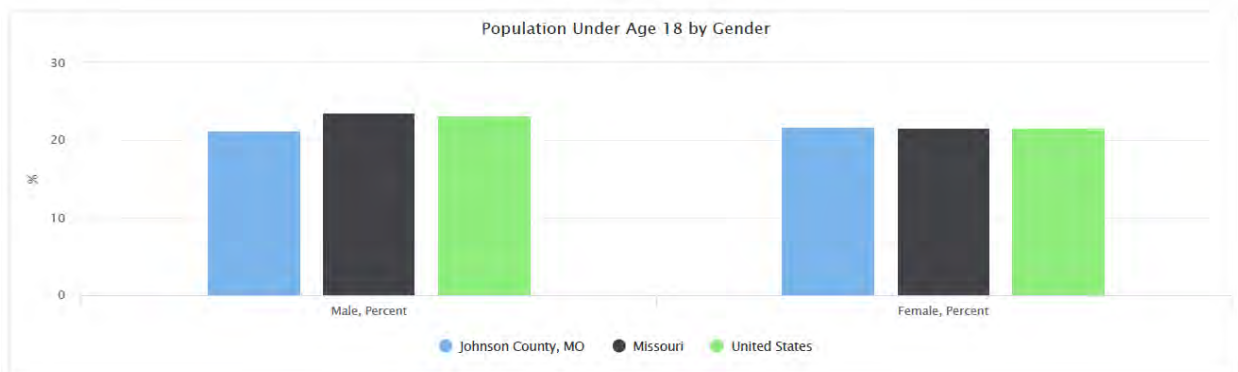
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	9,978	207	7	210	56	50	1,082
Missouri	1,044,017	180,293	4,955	25,177	2,973	26,928	95,080
United States	47,025,753	10,189,123	709,354	3,701,834	154,630	4,808,428	6,707,616



## Population Under Age 18 by Gender

This indicator reports the percentage of population that is under age 18 by gender.

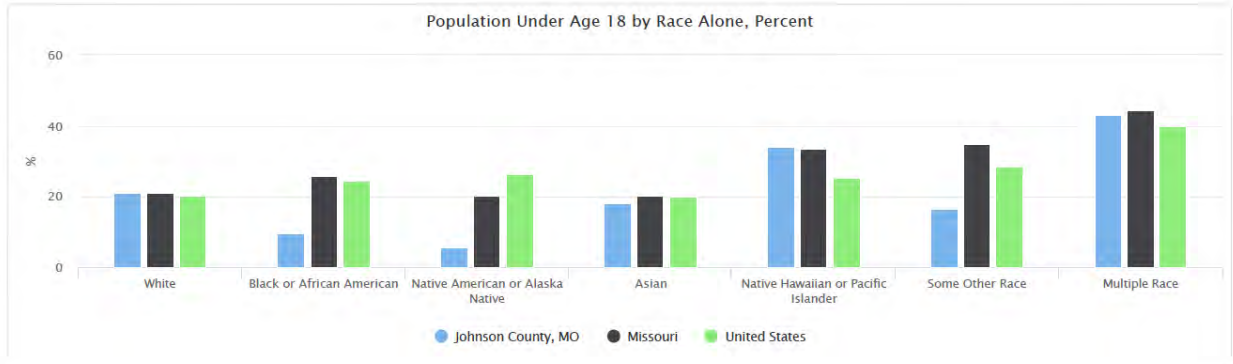
Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	5,901	5,689	21.31%	21.67%
Missouri	706,199	673,224	23.51%	21.58%
United States	37,456,754	35,839,984	23.29%	21.62%



## Population Under Age 18 by Race Alone, Percent

This indicator reports the percentage of population that is under age 18 by race alone.

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	20.96%	9.88%	5.65%	18.36%	34.15%	16.45%	43.23%
Missouri	20.97%	25.83%	20.41%	20.34%	33.45%	35.07%	44.36%
United States	20.45%	24.71%	26.38%	20.10%	25.29%	28.65%	39.75%

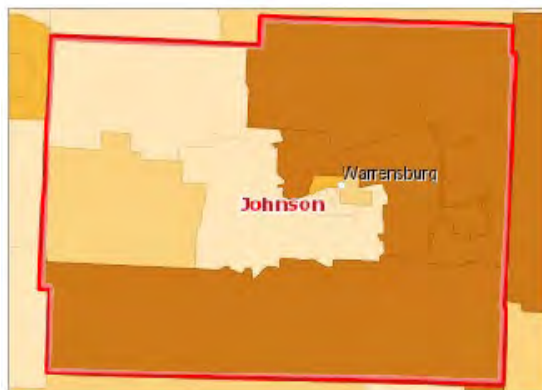


## Population Age 0-4

Of the estimated 53,948 total population in the report area, an estimated 3,400 are children under the age of 5, representing 6.30% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of children under age 5 is relevant because this population has unique needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 0-4	Percent Population Age 0-4
Johnson County, MO	53,948	3,400	6.30%
Missouri	6,124,160	371,046	6.06%
United States	326,569,308	19,650,192	6.02%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

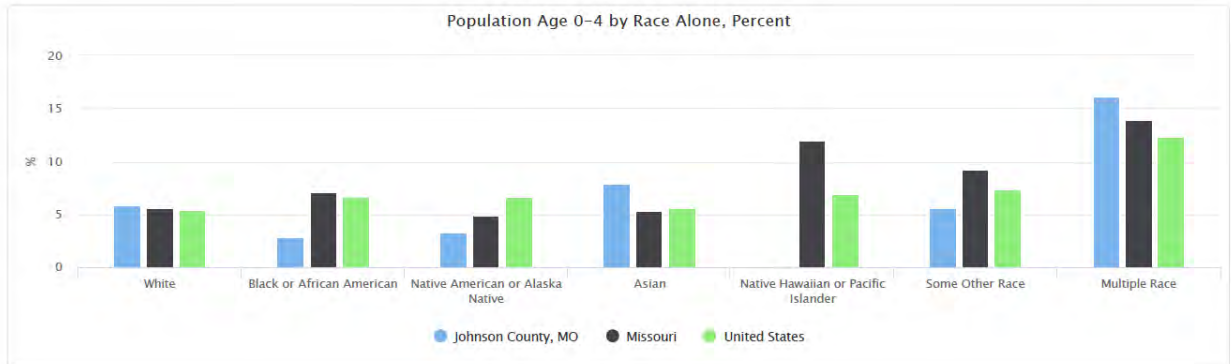


Population Age 0-4, Percent by Tract, ACS 2016-20

- Over 7.0%
- 6.1 - 7.0%
- 5.1 - 6.0%
- Under 5.1%
- No Data or Data Suppressed
- Johnson County, MO

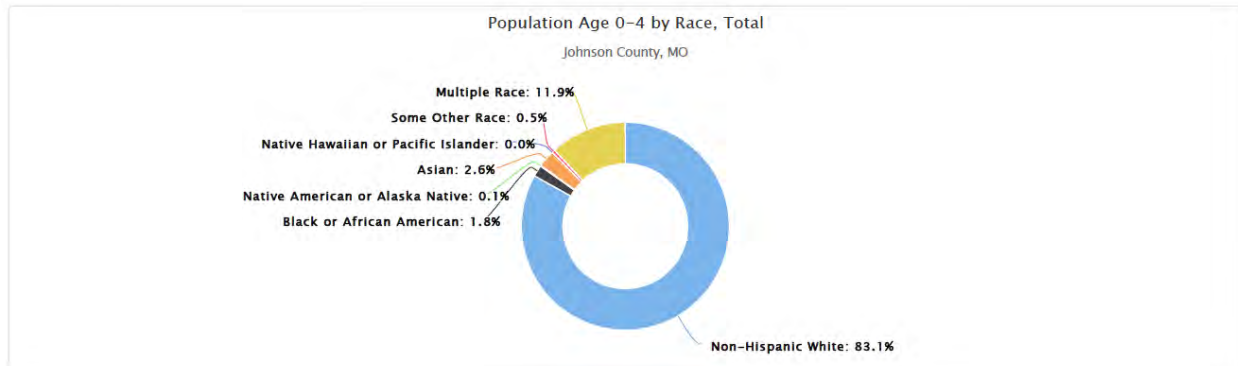
Population Age 0-4 by Race Alone, Percent

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	5.93%	2.86%	3.23%	7.87%	0.00%	5.59%	16.18%
Missouri	5.54%	7.12%	4.88%	5.25%	12.03%	9.25%	13.86%
United States	5.39%	6.57%	6.62%	5.57%	6.95%	7.35%	12.24%



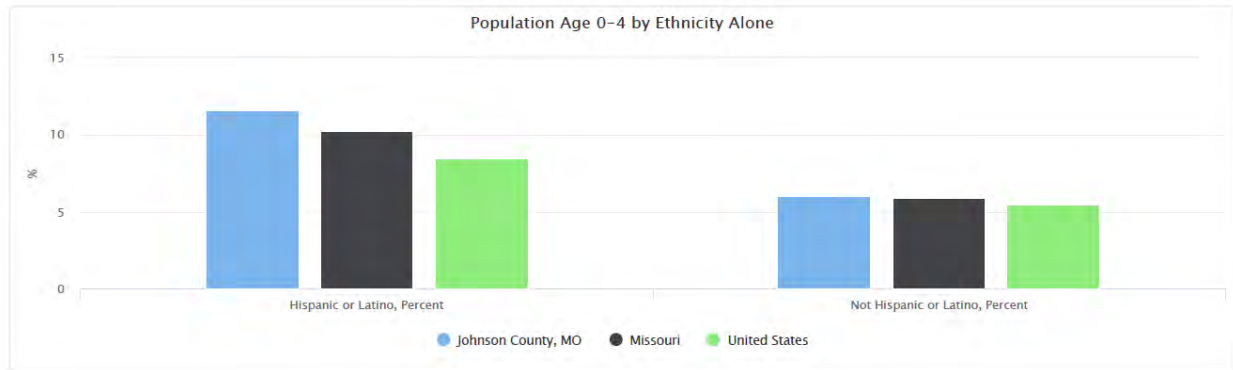
Population Age 0-4 by Race, Total

Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	2,824	60	4	90	0	17	405
Missouri	275,746	49,728	1,184	6,505	1,069	7,104	29,710
United States	12,397,004	2,707,495	177,995	1,025,902	42,501	1,233,913	2,065,382



### Population Age 0-4 by Ethnicity Alone

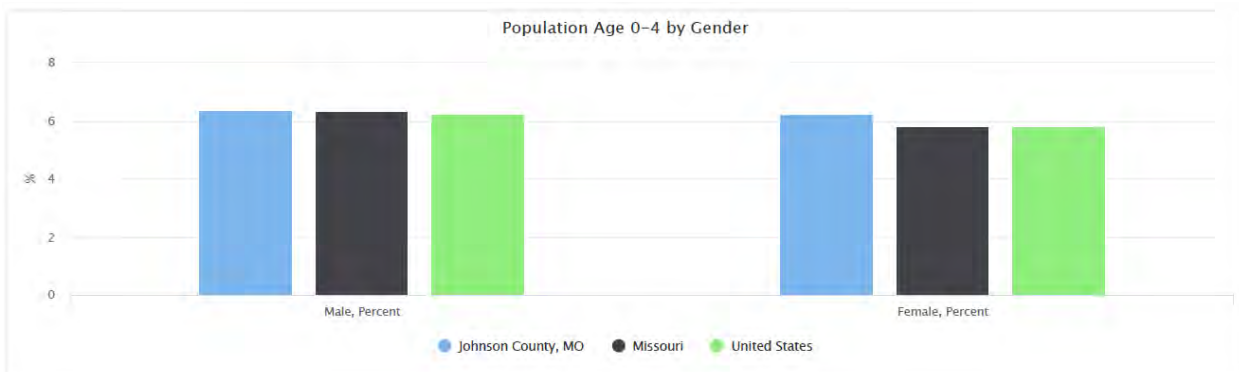
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	290	3,110	11.54%	6.05%
Missouri	26,798	344,248	10.20%	5.87%
United States	5,025,433	14,624,759	8.47%	5.47%



### Population Age 0-4 by Gender

The table below reports the percentage of the population that is under age 5 by gender. Among the male population in the report area, 6.35% are aged 0-4 years. Among the female population, 6.25% are aged 0-4 years.

Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	1,760	1,640	6.35%	6.25%
Missouri	190,192	180,854	6.33%	5.80%
United States	10,051,876	9,598,316	6.25%	5.79%

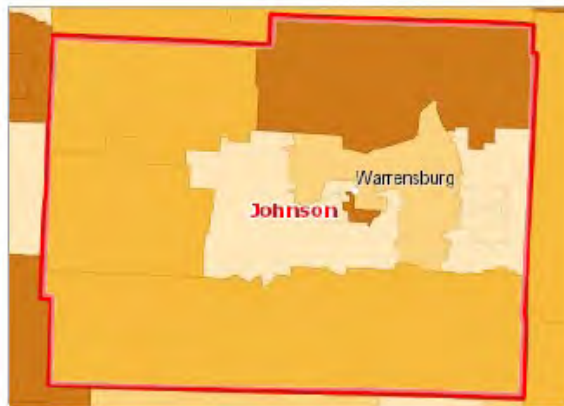


## Population Age 5-17

Of the estimated 53,948 total population in the report area, an estimated 8,190 persons are youth between the ages of 5 and 17, representing 15.18% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of young persons in the report area is relevant because this population has needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 5-17	Population Age 5-17, Percent
Johnson County, MO	53,948	8,190	15.18%
Missouri	6,124,160	1,008,377	16.47%
United States	326,569,308	53,646,546	16.43%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



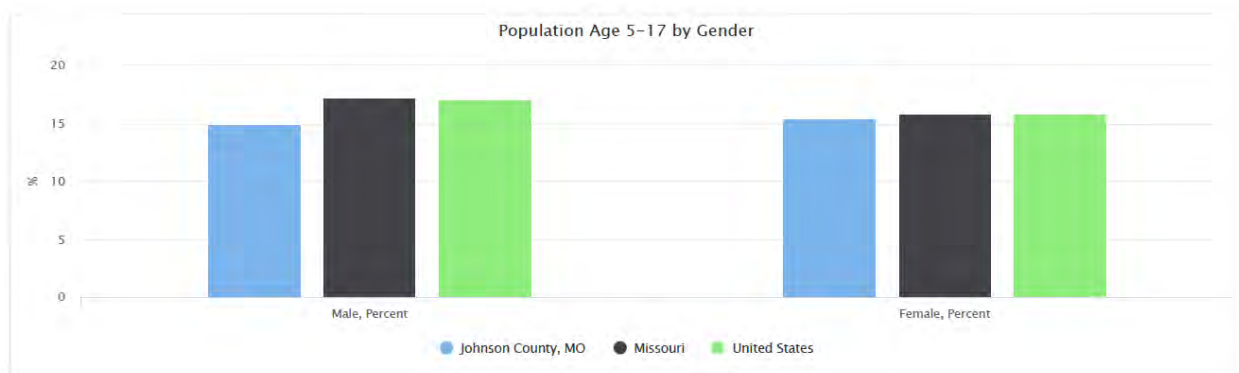
Population Age 5-17, Percent by Tract, ACS 2016-20

- Over 19.0%
- 17.1 - 19.0%
- 15.1 - 17.0%
- Under 15.1%
- No Data or Data Suppressed
- Johnson County, MO

## Population Age 5-17 by Gender

The table below reports the percentage of the population that is age 5 to 17 by gender. Among the male population in the report area, 14.95% are aged 5-17 years. Among the female population, 15.42% are aged 5-17 years.

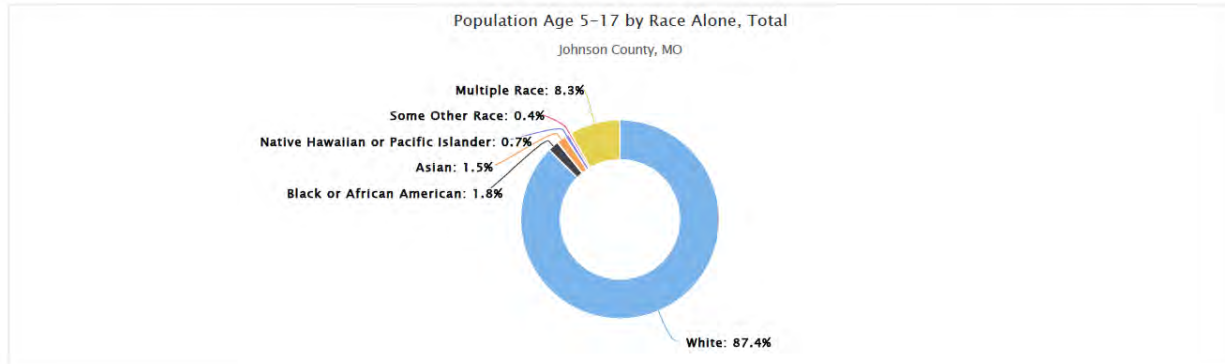
Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	4,141	4,049	14.95%	15.42%
Missouri	516,007	492,370	17.18%	15.78%
United States	27,404,878	26,241,668	17.04%	15.83%



### Population Age 5-17 by Race Alone, Total

This indicator reports the proportion of each race (alone) making up the population aged 5 - 17.

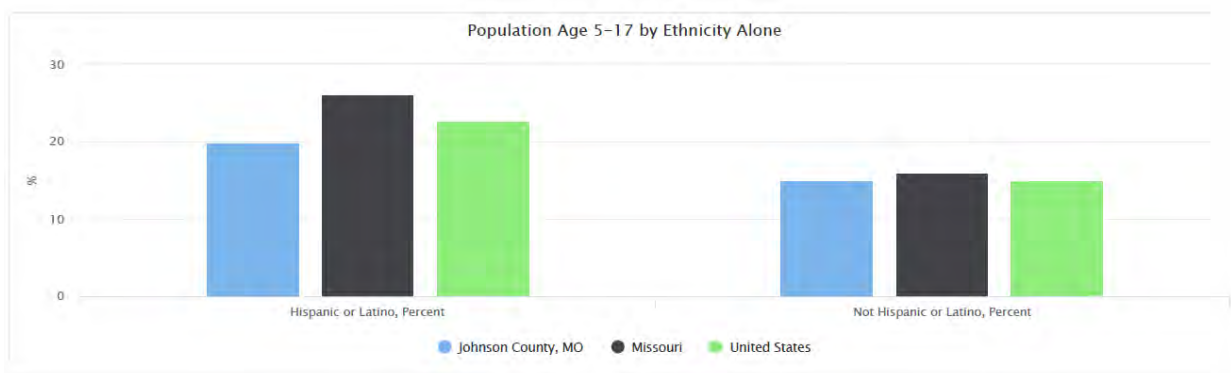
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	7,154	147	3	120	56	33	677
Missouri	768,271	130,565	3,771	18,672	1,904	19,824	65,370
United States	34,628,749	7,481,628	531,359	2,675,932	112,129	3,574,515	4,642,234



### Population Age 5-17 by Ethnicity Alone

This indicator reports the percentage of population that are at age 5-17 by ethnicity alone. In the report area, 19.97% of the Hispanic or Latino population and 14.95% of the non-Hispanic or Latino population are between the ages of 5-17.

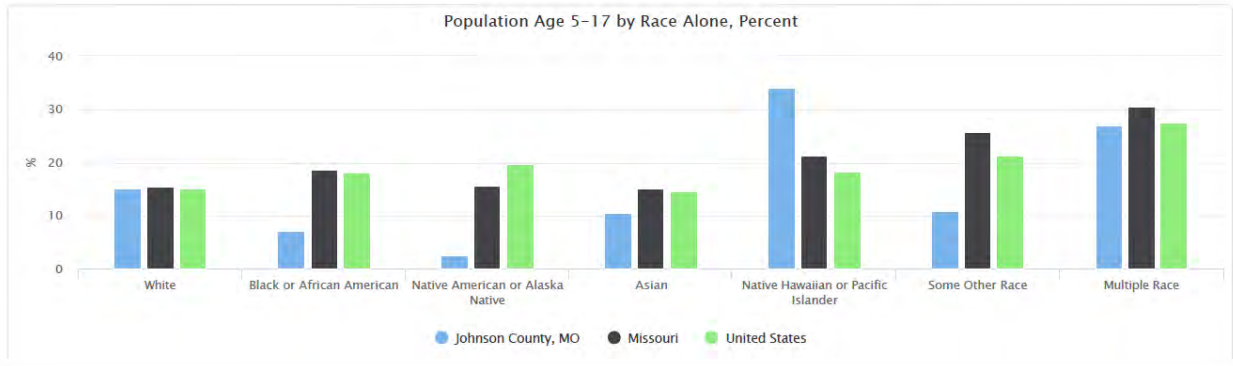
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	502	7,688	19.97%	14.95%
Missouri	68,979	939,398	26.26%	16.03%
United States	13,444,962	40,201,584	22.65%	15.05%



## Population Age 5-17 by Race Alone, Percent

This indicator reports the percentage of each race (alone) making up the population aged 5 - 17.

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	15.03%	7.01%	2.42%	10.49%	34.15%	10.86%	27.05%
Missouri	15.43%	18.70%	15.54%	15.08%	21.42%	25.82%	30.50%
United States	15.06%	18.15%	19.76%	14.53%	18.34%	21.30%	27.51%

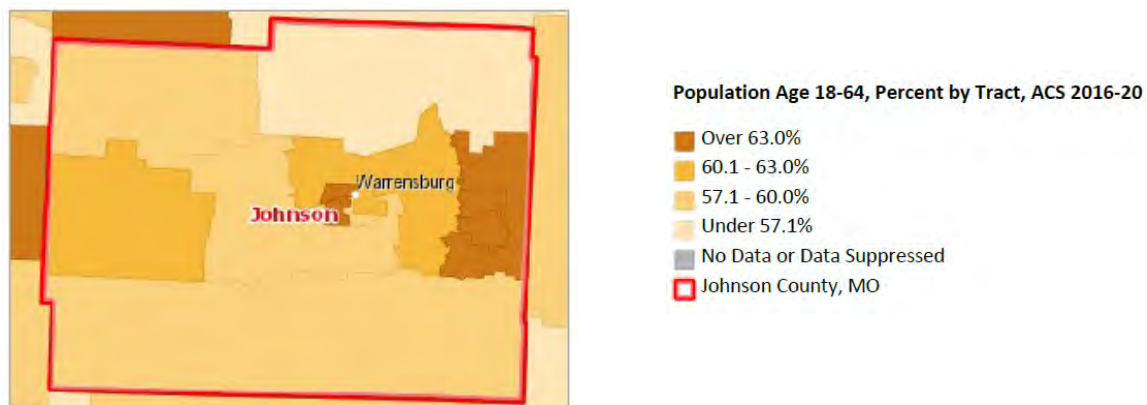


## Population Age 18-64

Of the estimated 53,948 total population in the report area, an estimated 35,532 persons are between the ages of 18 and 64, representing 65.86% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of adults in the report area is relevant because this population has unique needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 18-64	Population Age 18-64, Percent
Johnson County, MO	53,948	35,532	65.86%
Missouri	6,124,160	3,711,353	60.60%
United States	326,569,308	200,909,753	61.52%

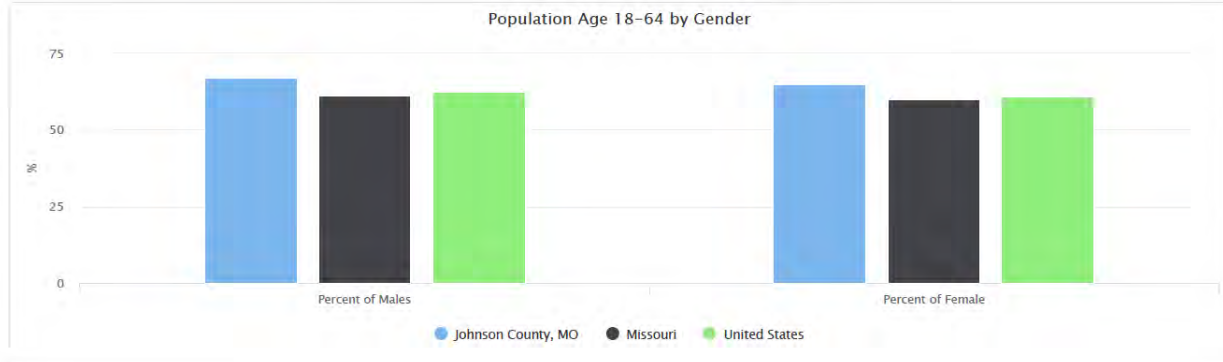
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



### Population Age 18-64 by Gender

The table below reports the percentage of the population that is age 18 to 64 by gender. Among the male population in the report area, 66.86% are aged 18-64 years. Among the female population, 64.82% are aged 18-64 years.

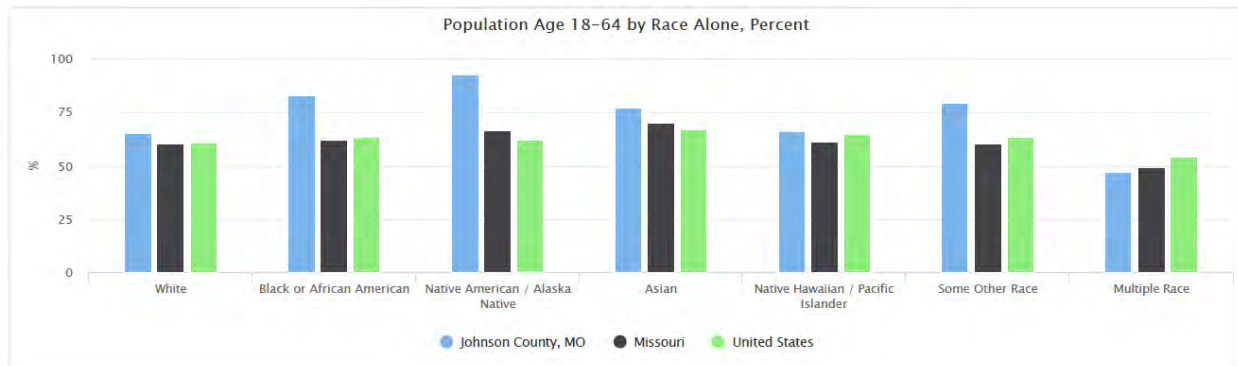
Report Area	Male Age 18-64	Female Age 18-64	Male Age 18-64, Percent	Female Age 18-64, Percent
Johnson County, MO	18,516	17,016	66.86%	64.82%
Missouri	1,841,634	1,869,719	61.31%	59.92%
United States	100,097,513	100,812,240	62.24%	60.82%



### Population Age 18-64 by Race Alone, Percent

This indicator reports the percentage of population that are at age 18 to 64 by race alone.

Report Area	White Age 18-64	Black or African American Age 18-64	Native American or Alaska Native Age 18-64	Asian Age 18-64	Native Hawaiian or Pacific Islander Age 18-64	Some Other Race Age 18-64	Multiple Race Age 18-64
Johnson County, MO	65.65%	83.06%	92.74%	77.10%	65.85%	79.93%	47.38%
Missouri	60.56%	62.54%	66.73%	70.10%	61.18%	60.23%	49.27%
United States	61.04%	63.67%	62.58%	67.13%	65.13%	63.61%	54.38%

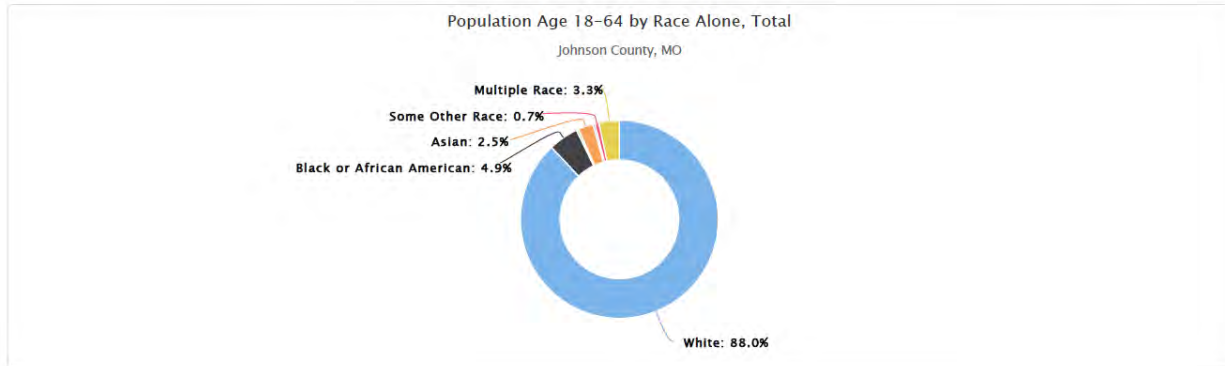




### Population Age 18-64 by Race Alone, Total

This indicator reports the proportion of each race (alone) making up the population aged 18 to 64.

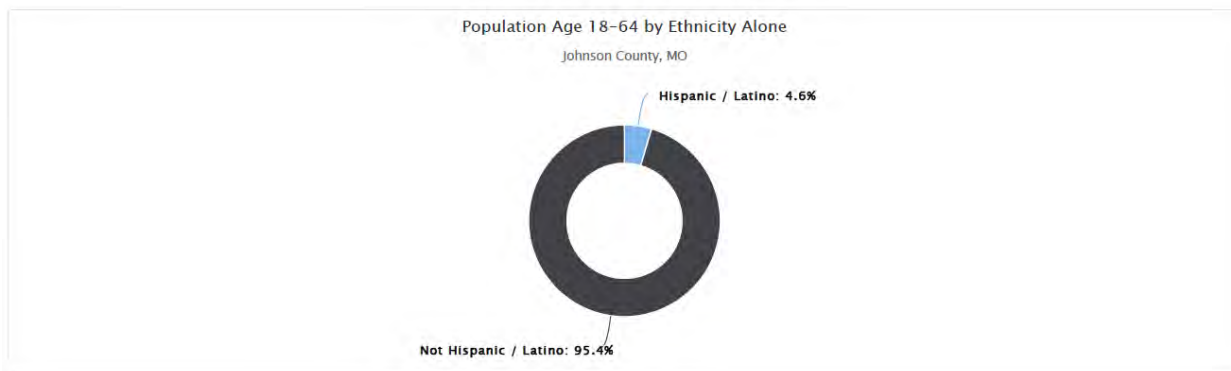
Report Area	White Age 18-64	Black or African American Age 18-64	Native American or Alaska Native Age 18-64	Asian Age 18-64	Native Hawaiian or Pacific Islander Age 18-64	Some Other Race Age 18-64	Multiple Race Age 18-64
Johnson County, MO	31,257	1,741	115	882	108	243	1,186
Missouri	3,014,510	436,568	16,198	86,791	5,437	46,245	105,604
United States	140,360,417	26,250,007	1,682,588	12,365,539	398,188	10,675,546	9,177,468



### Population Age 18-64 by Ethnicity Alone

This indicator reports the percentage of population that are between the ages of 18 – 64 by ethnicity alone. In the report area, 4.57% of Hispanic / Latino population and 95.43% of non Hispanic / Latino population are between the ages of 18 – 64.

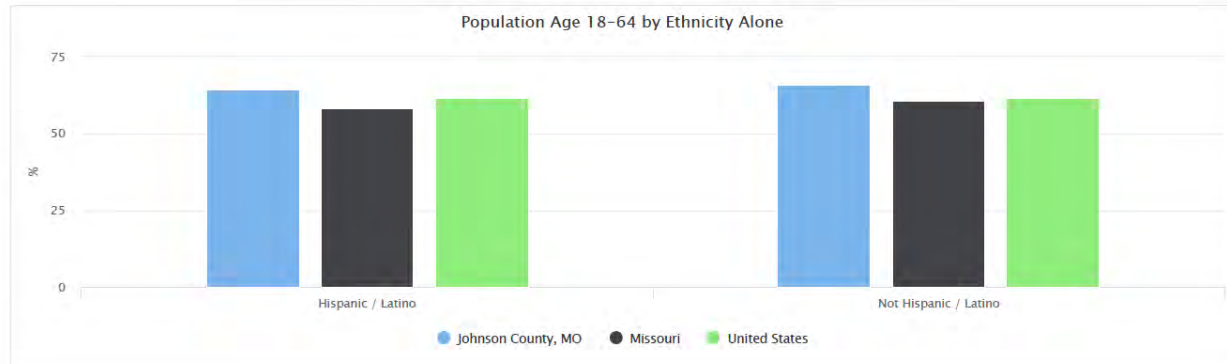
Report Area	Hispanic or Latino Age 18+	Not Hispanic or Latino Age 18+	Hispanic or Latino Age 18+, Percent	Not Hispanic or Latino Age 18+, Percent
Johnson County, MO	1,623	33,909	4.57%	95.43%
Missouri	152,840	3,558,513	4.12%	95.88%
United States	36,510,885	164,398,868	18.17%	81.83%



## Population Age 18-64 by Ethnicity Alone

This indicator reports the percentage of population that are at age 18 to 64 by ethnicity alone. In the report area, 64.56% of Hispanic / Latino population are at age 18-64, and 65.93% of non Hispanic / Latino population are at age 18-64.

Report Area	Hispanic or Latino Age 18-64	Not Hispanic or Latino Age 18-64	Hispanic or Latino Age 18-64, Percent	Not Hispanic or Latino Age 18-64, Percent
Johnson County, MO	1,623	33,909	64.56%	65.93%
Missouri	152,840	3,558,513	58.19%	60.71%
United States	36,510,885	164,398,868	61.51%	61.52%

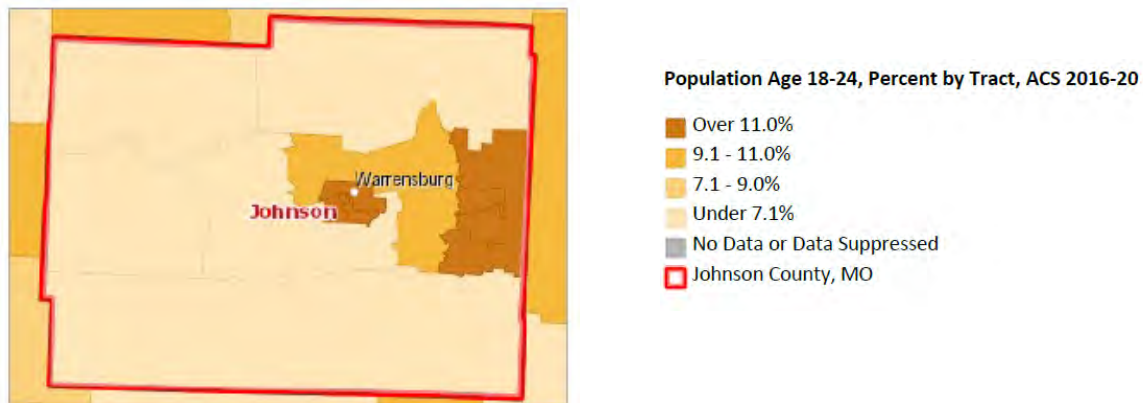


## Population Age 18-24

Of the estimated 53,948 total population in the report area, an estimated 10,672 persons are between the ages of 18 and 24, representing 19.78% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of young adults in the report area is relevant because this population has unique needs which should be considered separately from other age groups.

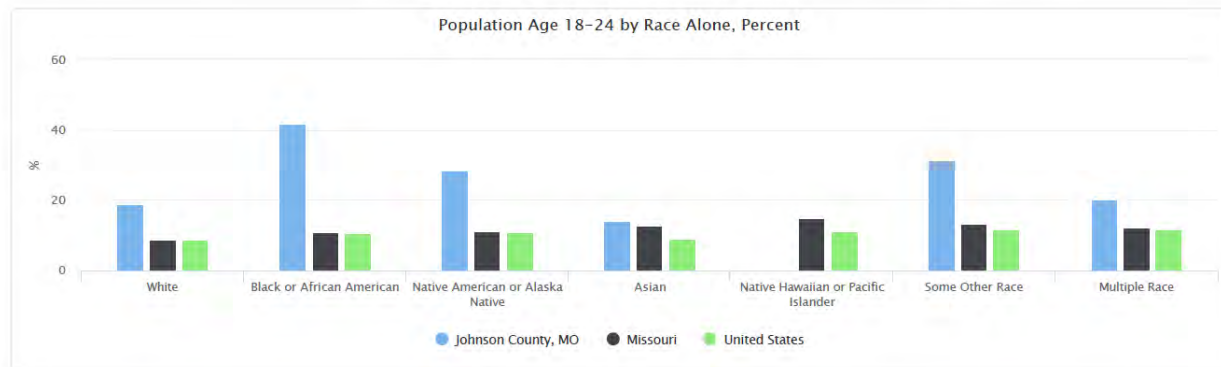
Report Area	Total Population	Population Age 18-24	Percent Population Age 18-24
Johnson County, MO	53,948	10,672	19.78%
Missouri	6,124,160	567,945	9.27%
United States	326,569,308	30,435,736	9.32%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



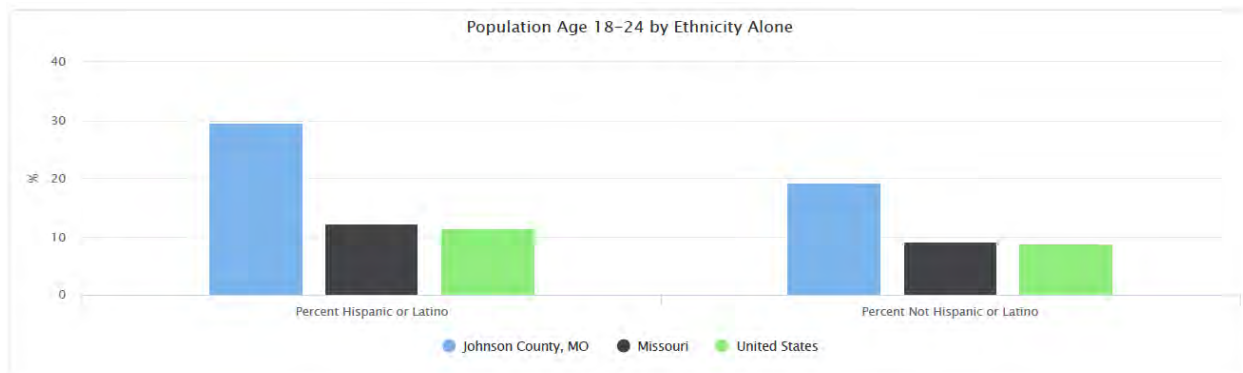
### Population Age 18-24 by Race Alone, Percent

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	18.91%	41.75%	28.23%	14.07%	0.00%	31.25%	20.06%
Missouri	8.73%	11.05%	11.21%	12.85%	14.82%	13.42%	12.17%
United States	8.72%	10.75%	10.86%	9.20%	11.17%	11.60%	11.55%



### Population Age 18-24 by Ethnicity Alone

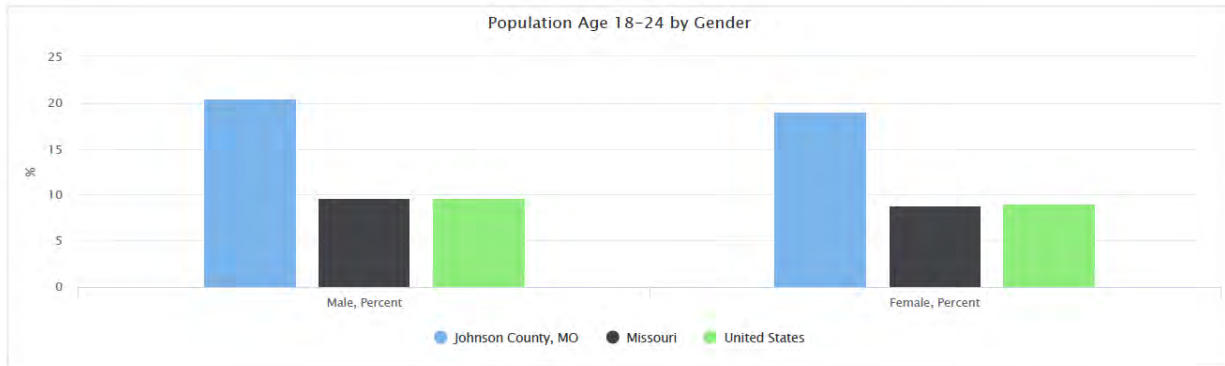
Report Area	Total Hispanic or Latino	Total Not Hispanic or Latino	Percent Hispanic or Latino	Percent Not Hispanic or Latino
Johnson County, MO	744	9,928	29.59%	19.30%
Missouri	31,767	536,178	12.09%	9.15%
United States	6,809,518	23,626,218	11.47%	8.84%



## Population Age 18-24 by Gender

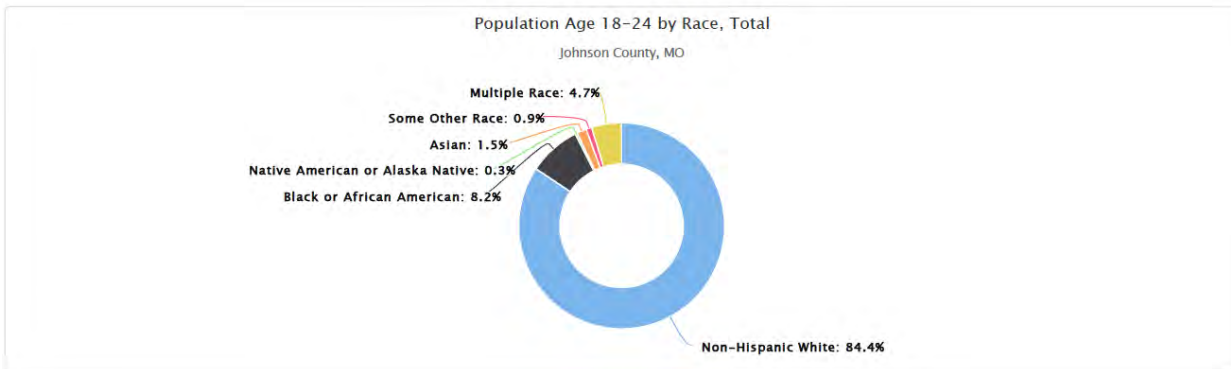
The table below reports the percentage of the population that is age 18 to 24 by gender. Among the male population in the report area, 20.50% are aged 18-24 years. Among the female population, 19.02% are aged 18-24 years.

Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	5,678	4,994	20.50%	19.02%
Missouri	290,528	277,417	9.67%	8.89%
United States	15,581,223	14,854,513	9.69%	8.96%



## Population Age 18-24 by Race, Total

Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	9,004	875	35	161	0	95	502
Missouri	434,485	77,124	2,721	15,905	1,317	10,302	26,091
United States	20,051,040	4,433,216	292,001	1,694,504	68,283	1,946,864	1,949,828

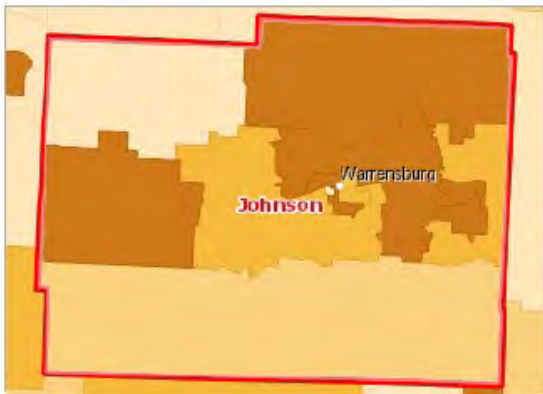


## Population Age 25-34

Of the estimated 53,948 total population in the report area, an estimated 7,905 persons are between the ages of 25 and 34, representing 14.65% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of young adults in the report area is relevant because this population has unique needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 25-34	Percent Population Age 25-34
Johnson County, MO	53,948	7,905	14.65%
Missouri	6,124,160	819,044	13.37%
United States	326,569,308	45,485,165	13.93%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

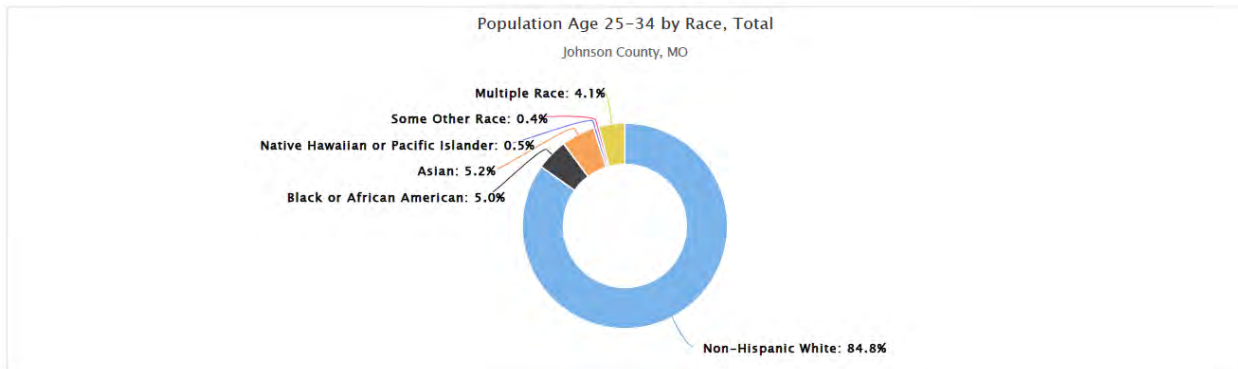


Population Age 25-34, Percent by Tract, ACS 2016-20

- Over 14.0%
- 12.1 - 14.0%
- 10.1 - 12.0%
- Under 10.1%
- No Data or Data Suppressed
- Johnson County, MO

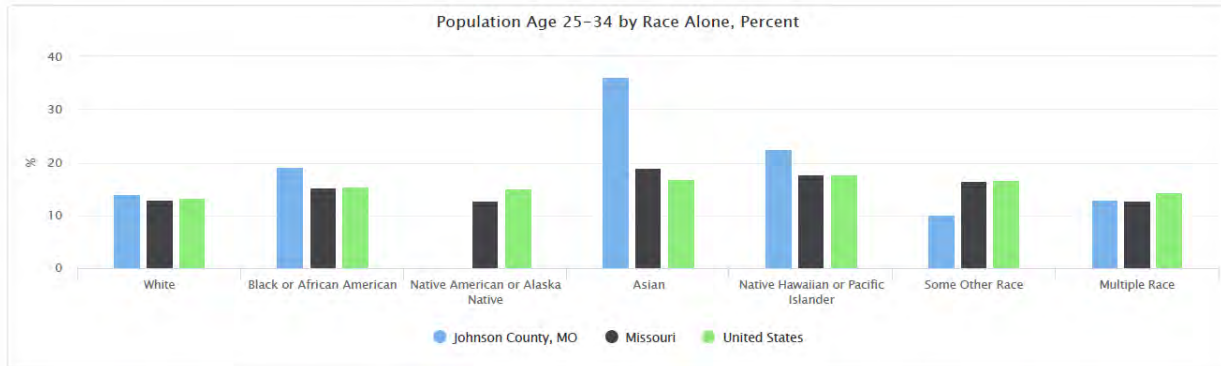
## Population Age 25-34 by Race, Total

Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	6,703	398	0	413	37	31	323
Missouri	644,481	106,551	3,083	23,392	1,575	12,648	27,314
United States	30,245,901	6,380,308	405,828	3,120,840	107,904	2,799,411	2,424,973



### Population Age 25-34 by Race Alone, Percent

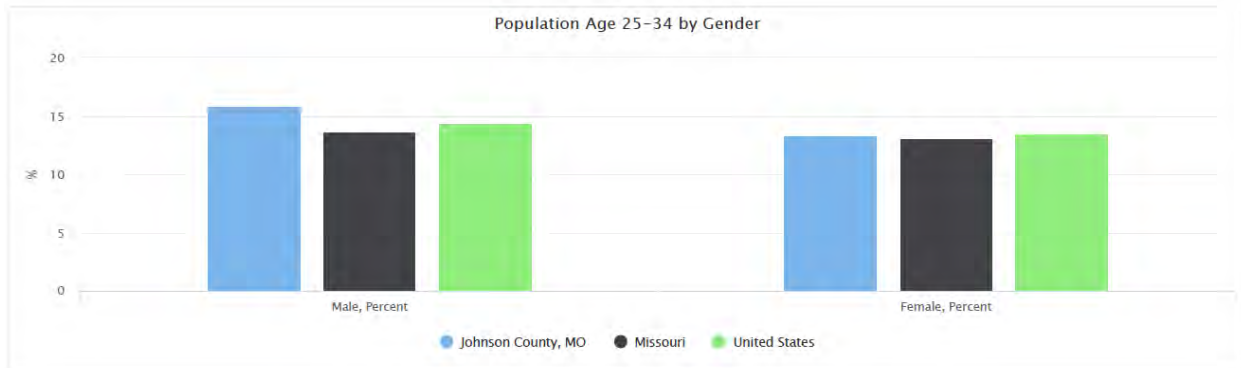
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	14.08%	18.99%	0.00%	36.10%	22.56%	10.20%	12.90%
Missouri	12.95%	15.26%	12.70%	18.89%	17.72%	16.47%	12.74%
United States	13.15%	15.48%	15.09%	16.94%	17.65%	16.68%	14.37%



### Population Age 25-34 by Gender

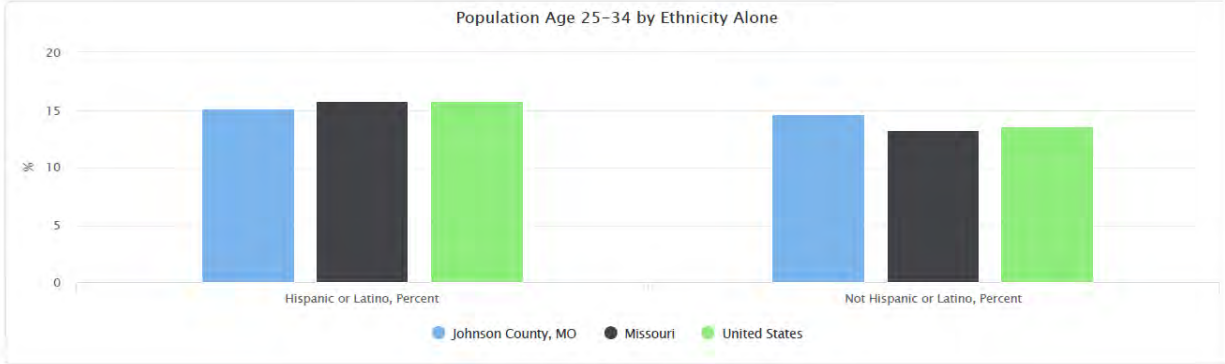
The table below reports the percentage of the population that is age 25 to 34 by gender. Among the male population in the report area, 15.88% are aged 25-34 years. Among the female population, 13.35% are aged 25-34 years.

Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	4,399	3,506	15.88%	13.35%
Missouri	410,234	408,810	13.66%	13.10%
United States	23,075,008	22,410,157	14.35%	13.52%



### Population Age 25-34 by Ethnicity Alone

Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	381	7,524	15.16%	14.63%
Missouri	41,479	777,565	15.79%	13.27%
United States	9,372,450	36,112,715	15.79%	13.51%

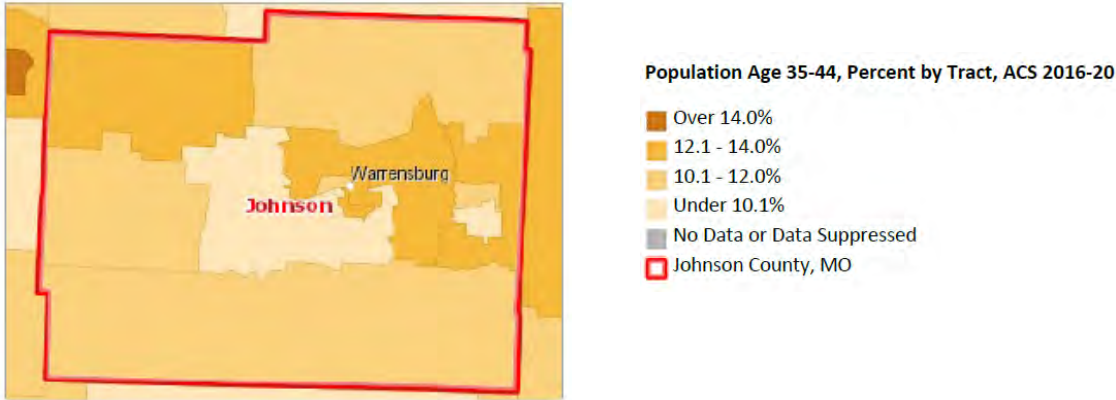


### Population Age 35-44

Of the estimated 53,948 total population in the report area, an estimated 5,806 persons are between the ages of 35 and 44, representing 10.76% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of adults in the report area is relevant because this population has unique needs which should be considered separately from other age groups.

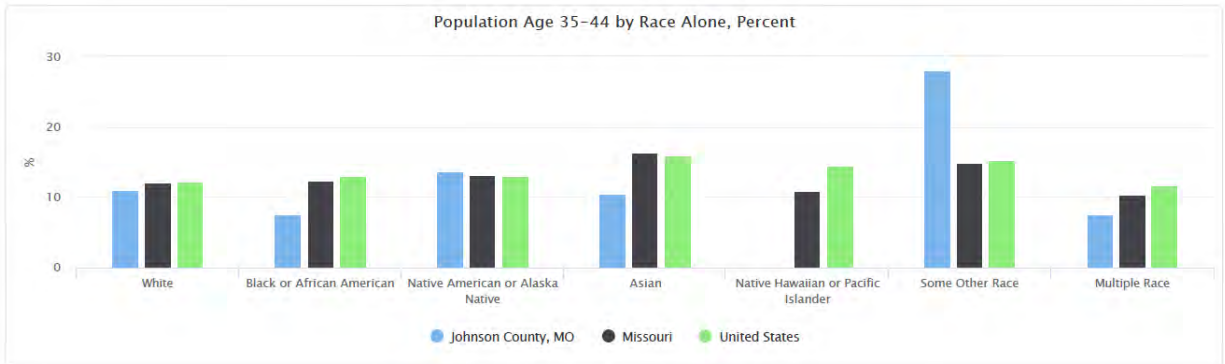
Report Area	Total Population	Population Age 35-44	Percent Population Age 35-44
Johnson County, MO	53,948	5,806	10.76%
Missouri	6,124,160	745,789	12.18%
United States	326,569,308	41,346,677	12.66%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



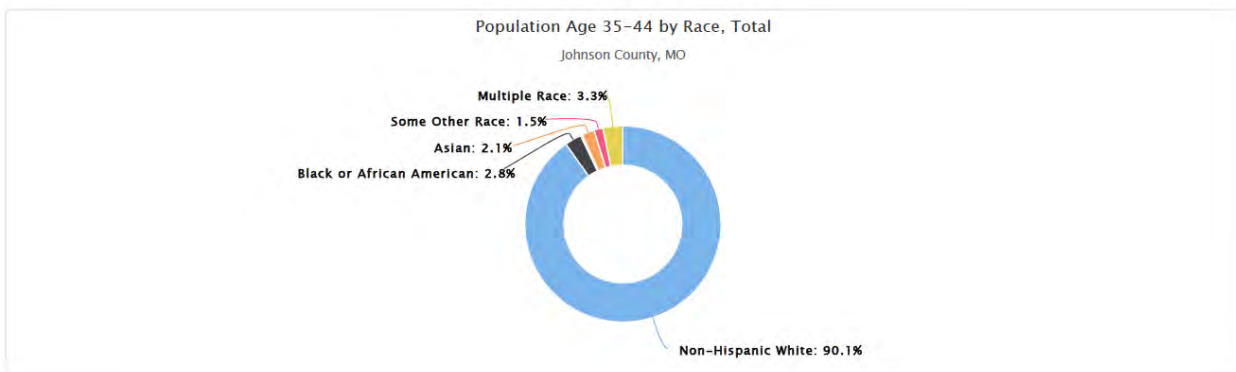
Population Age 35-44 by Race Alone, Percent

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	10.99%	7.63%	13.71%	10.49%	0.00%	27.96%	7.59%
Missouri	12.09%	12.37%	13.03%	16.25%	10.78%	14.87%	10.31%
United States	12.22%	12.96%	12.91%	16.03%	14.41%	15.18%	11.70%



Population Age 35-44 by Race, Total

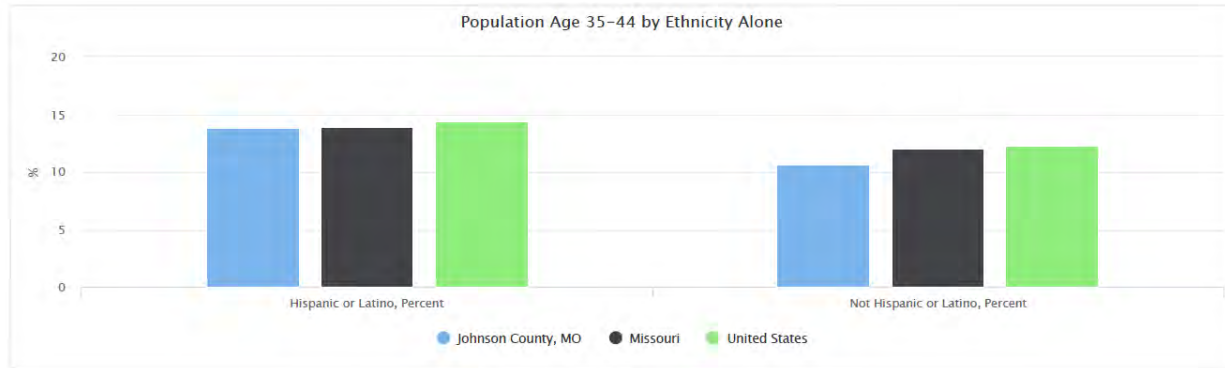
Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	5,234	160	17	120	0	85	190
Missouri	601,733	86,317	3,163	20,116	958	11,414	22,088
United States	28,095,282	5,341,120	347,126	2,953,899	88,074	2,547,351	1,973,825





### Population Age 35-44 by Ethnicity Alone

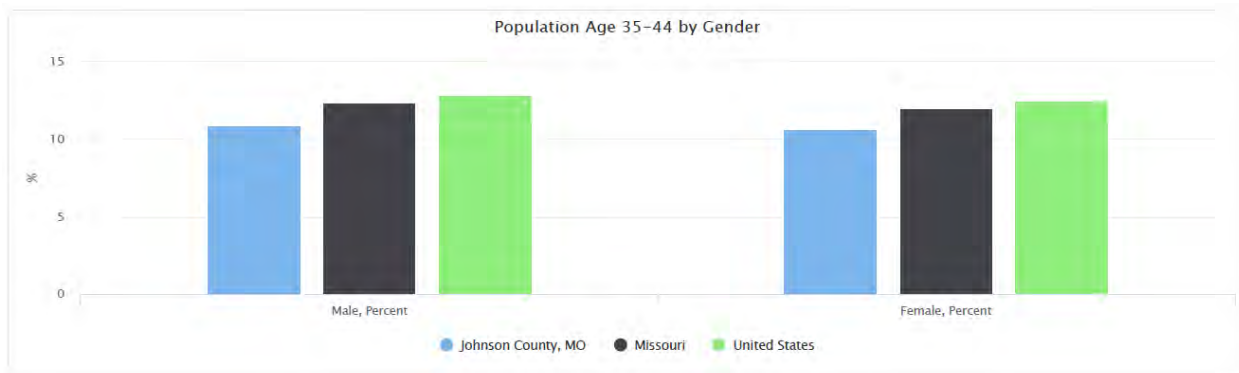
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	348	5,458	13.84%	10.61%
Missouri	36,455	709,334	13.88%	12.10%
United States	8,531,810	32,814,867	14.37%	12.28%



### Population Age 35-44 by Gender

The table below reports the percentage of the population that is age 35 to 44 by gender. Among the male population in the report area, 10.88% are aged 35-44 years. Among the female population in the report area, 10.64% are aged 35-44 years.

Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	3,013	2,793	10.88%	10.64%
Missouri	371,652	374,137	12.37%	11.99%
United States	20,624,884	20,721,793	12.82%	12.50%

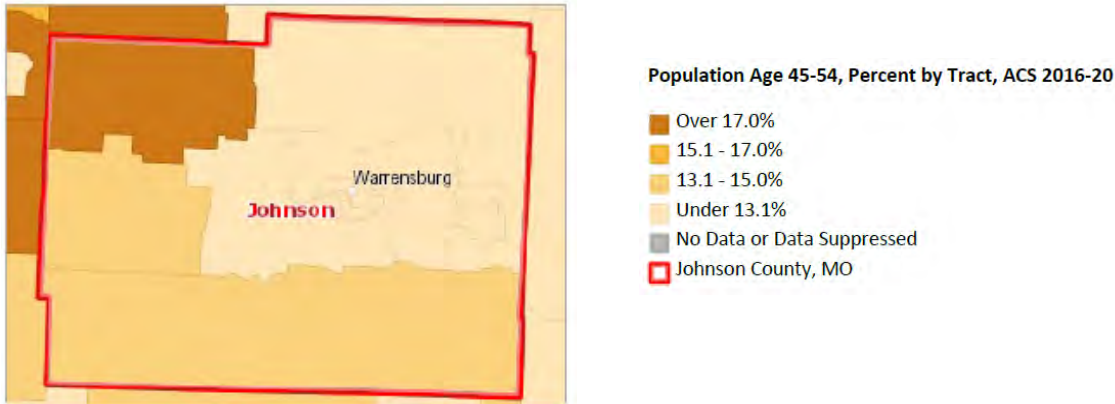


### Population Age 45-54

Of the estimated 53,948 total population in the report area, an estimated 5,284 persons are between the ages of 45 and 54, representing 9.79% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of adults in the report area is relevant because this population has unique needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 45-54	Percent Population Age 45-54
Johnson County, MO	53,948	5,284	9.79%
Missouri	6,124,160	752,645	12.29%
United States	326,569,308	41,540,736	12.72%

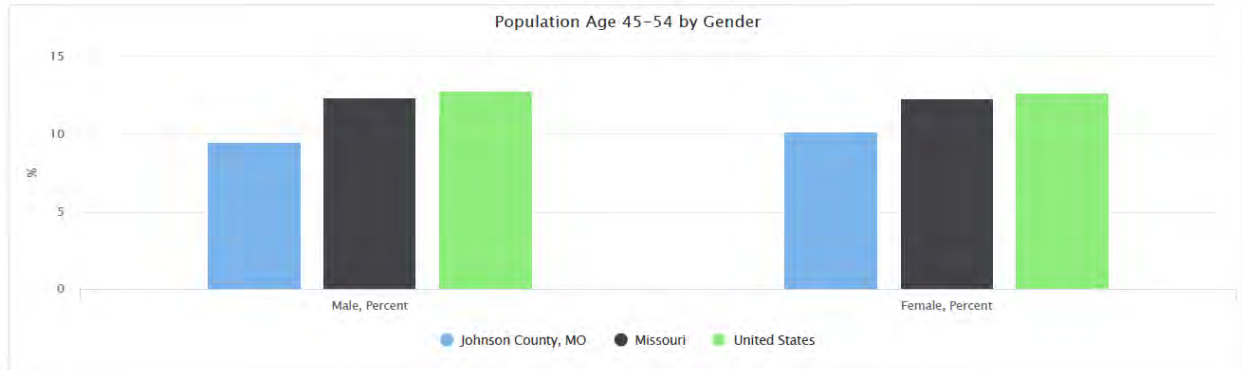
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



### Population Age 45-54 by Gender

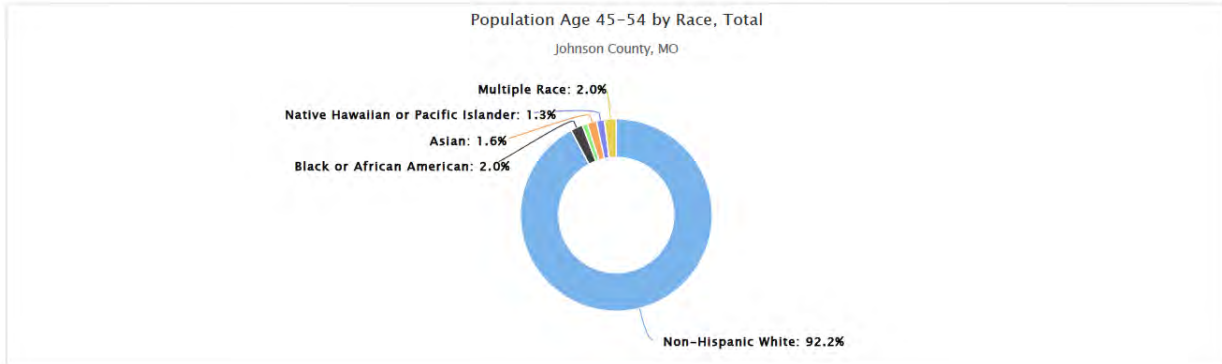
The table below reports the percentage of the population that is age 45 to 54 by gender. Among the male population in the report area, 9.46% are aged 45-54 years. Among the female population, 10.15% are aged 45-54 years.

Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	2,619	2,665	9.46%	10.15%
Missouri	370,182	382,463	12.32%	12.26%
United States	20,494,858	21,045,878	12.74%	12.70%



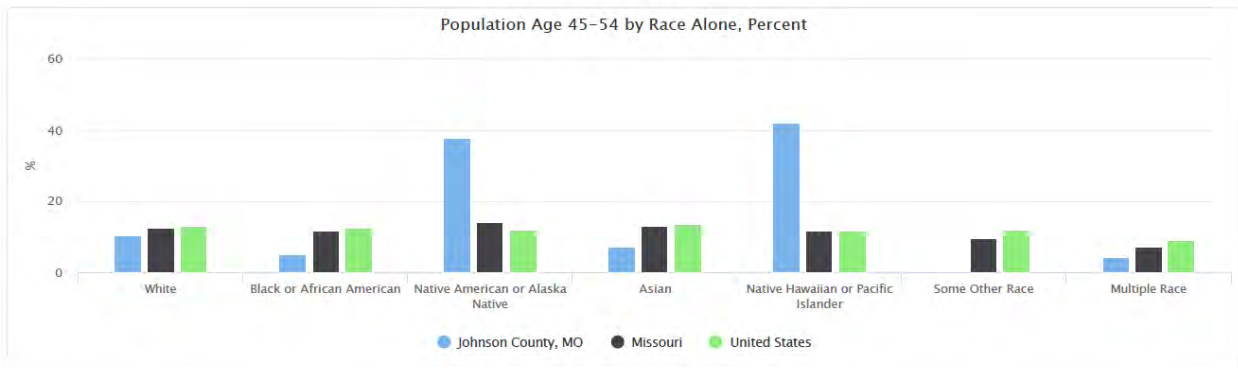
Population Age 45-54 by Race, Total

Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	4,871	108	47	84	69	0	105
Missouri	625,353	83,646	3,474	16,198	1,056	7,436	15,482
United States	29,803,745	5,196,559	323,999	2,541,480	72,527	2,039,688	1,562,738



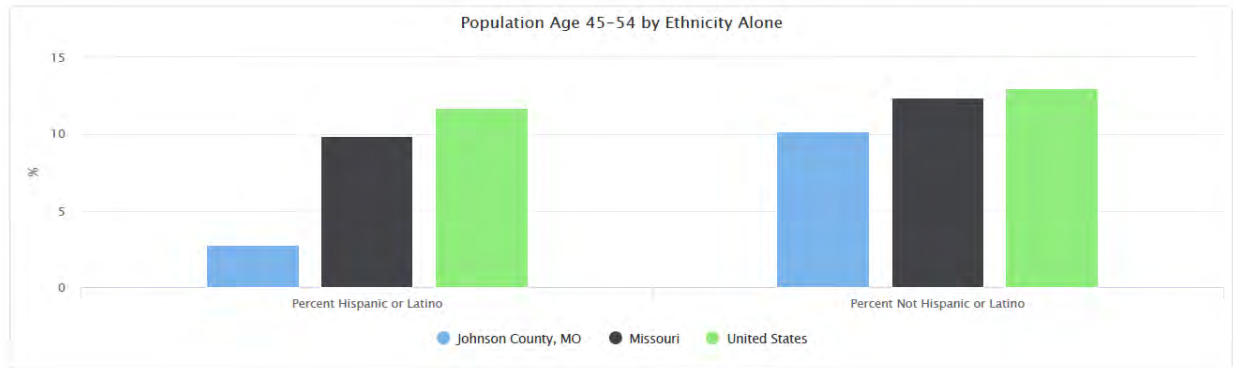
Population Age 45-54 by Race Alone, Percent

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	10.23%	5.15%	37.90%	7.34%	42.07%	0.00%	4.19%
Missouri	12.56%	11.98%	14.31%	13.08%	11.88%	9.68%	7.22%
United States	12.96%	12.60%	12.05%	13.80%	11.86%	12.15%	9.26%



### Population Age 45-54 by Ethnicity Alone

Report Area	Total Hispanic or Latino	Total Not Hispanic or Latino	Percent Hispanic or Latino	Percent Not Hispanic or Latino
Johnson County, MO	70	5,214	2.78%	10.14%
Missouri	25,868	726,777	9.85%	12.40%
United States	6,940,374	34,600,362	11.69%	12.95%

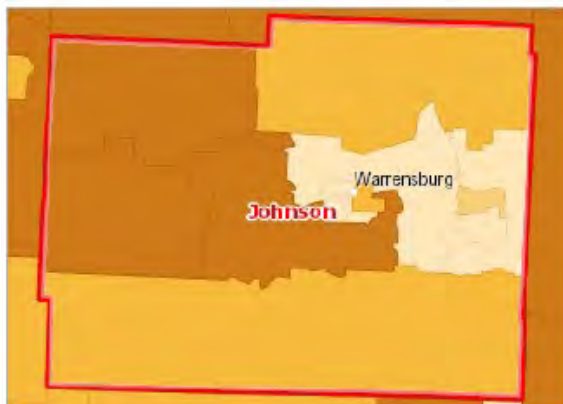


### Population Age 55-64

Of the estimated 53,948 total population in the report area, an estimated 5,865 persons are between the ages of 55 and 64, representing 10.87% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of adults in the report area is relevant because this population has unique needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 55-64	Percent Population Age 55-64
Johnson County, MO	53,948	5,865	10.87%
Missouri	6,124,160	825,930	13.49%
United States	326,569,308	42,101,439	12.89%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

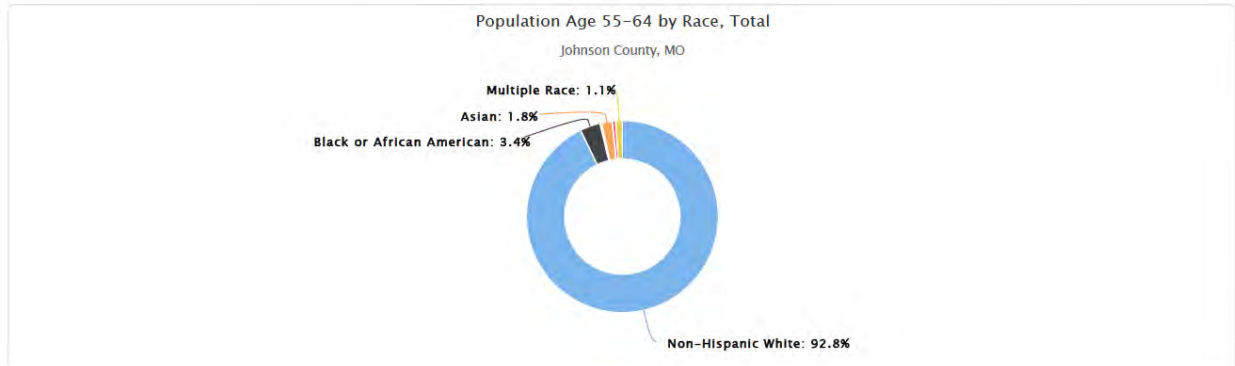


Population Age 55-64, Percent by Tract, ACS 2016-20

- Over 15.0%
- 13.1 - 15.0%
- 11.1 - 13.0%
- Under 11.1%
- No Data or Data Suppressed
- Johnson County, MO

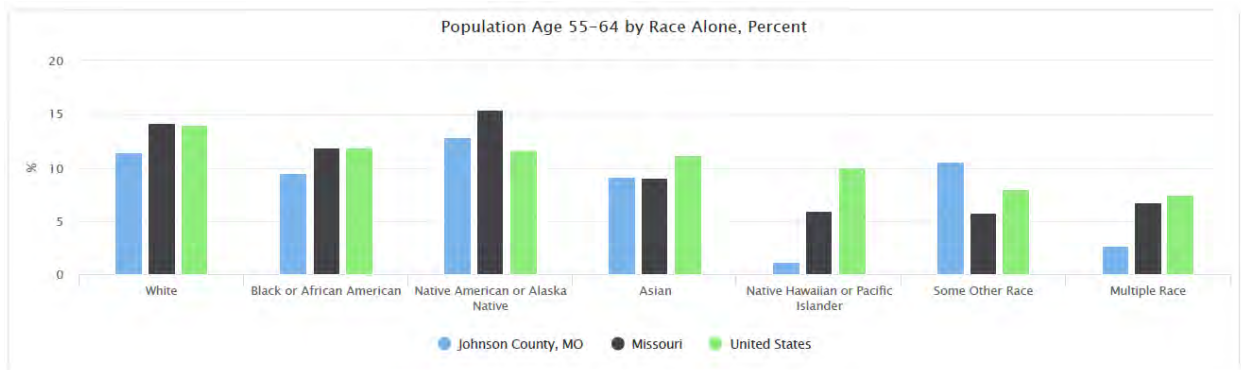
### Population Age 55-64 by Race, Total

Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	5,445	200	16	104	2	32	66
Missouri	708,458	82,930	3,757	11,180	531	4,445	14,629
United States	32,164,449	4,898,804	313,634	2,054,816	61,400	1,342,232	1,266,104



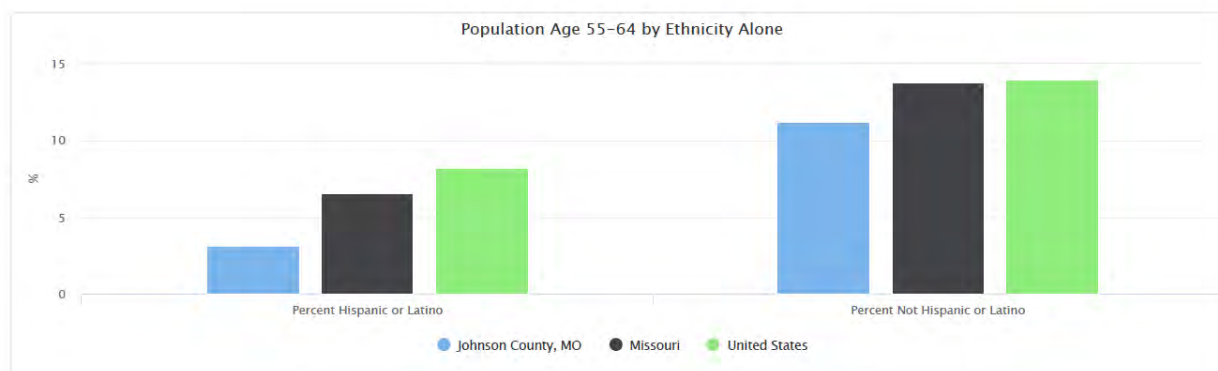
### Population Age 55-64 by Race Alone, Percent

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	11.44%	9.54%	12.90%	9.09%	1.22%	10.53%	2.64%
Missouri	14.23%	11.88%	15.48%	9.03%	5.98%	5.79%	6.83%
United States	13.99%	11.88%	11.67%	11.15%	10.04%	8.00%	7.50%



### Population Age 55-64 by Ethnicity Alone

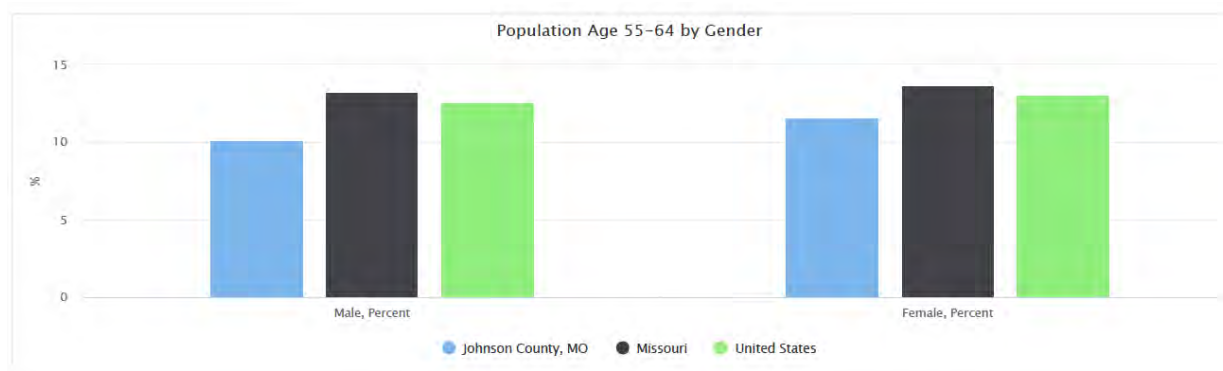
Report Area	Total Hispanic or Latino	Total Not Hispanic or Latino	Percent Hispanic or Latino	Percent Not Hispanic or Latino
Johnson County, MO	80	5,785	3.18%	11.25%
Missouri	17,271	808,659	6.57%	13.80%
United States	4,856,733	37,244,706	8.18%	13.94%



### Population Age 55-64 by Gender

The table below reports the percentage of the population that is age 55 to 64 by gender. Among the male population in the report area, 10.14% are aged 55-64 years. Among the female population, 11.65% are aged 55-64 years.

Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	2,807	3,058	10.14%	11.65%
Missouri	399,038	426,892	13.28%	13.68%
United States	20,321,540	21,779,899	12.64%	13.14%

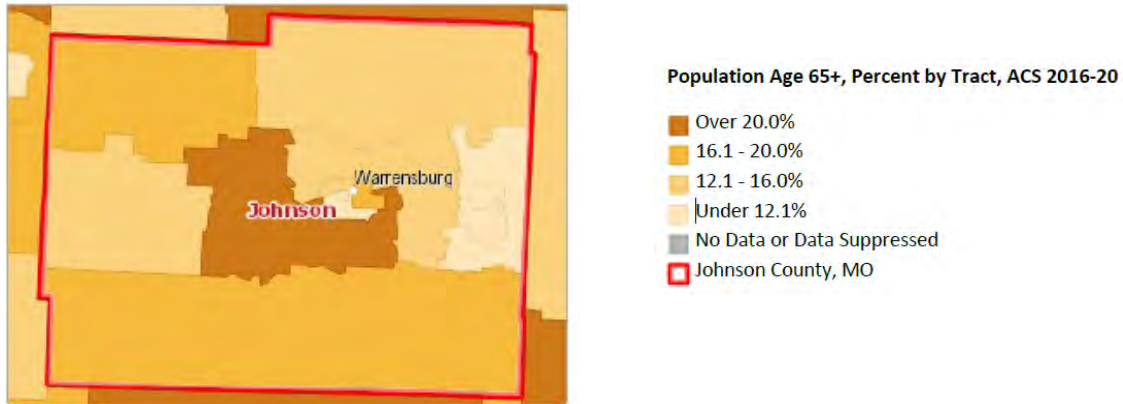


### Population Age 65+

Of the estimated 53,948 total population in the report area, an estimated 6,826 persons are adults aged 65 and older, representing 12.65% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of older adults in the report area is relevant because this population has unique needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 65+	Population Age 65+, Percent
Johnson County, MO	53,948	6,826	12.65%
Missouri	6,124,160	1,033,384	16.87%
United States	326,569,308	52,362,817	16.03%

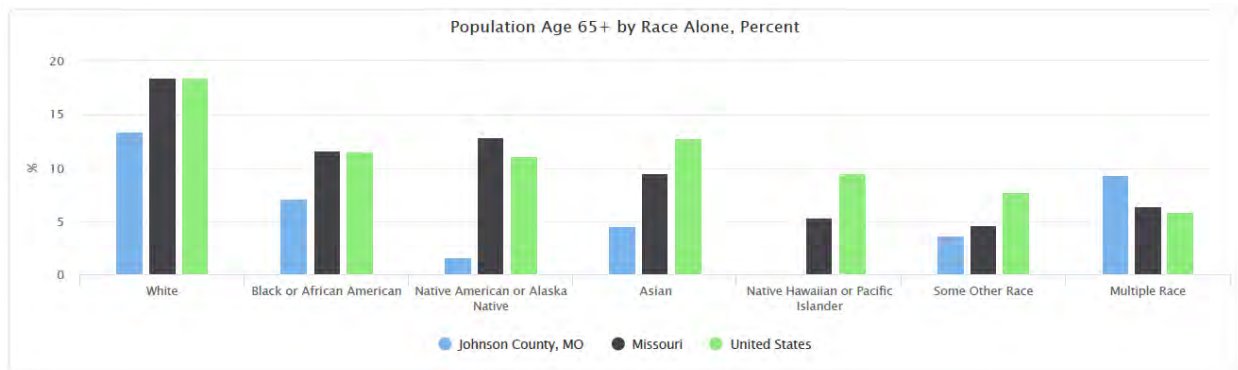
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



### Population Age 65+ by Race Alone, Percent

This indicator reports the percentage of each race (alone) making up the population aged 65 or older.

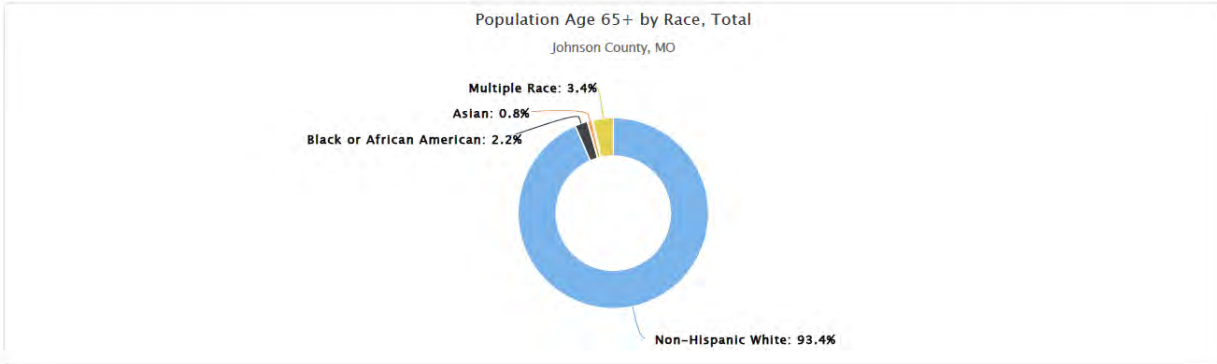
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	13.40%	7.06%	1.61%	4.55%	0.00%	3.62%	9.39%
Missouri	18.47%	11.63%	12.86%	9.56%	5.37%	4.70%	6.36%
United States	18.51%	11.61%	11.03%	12.78%	9.58%	7.75%	5.87%



### Population Age 65+ by Race, Total

This indicator reports the proportion of each race (alone) making up the population aged 65 or older.

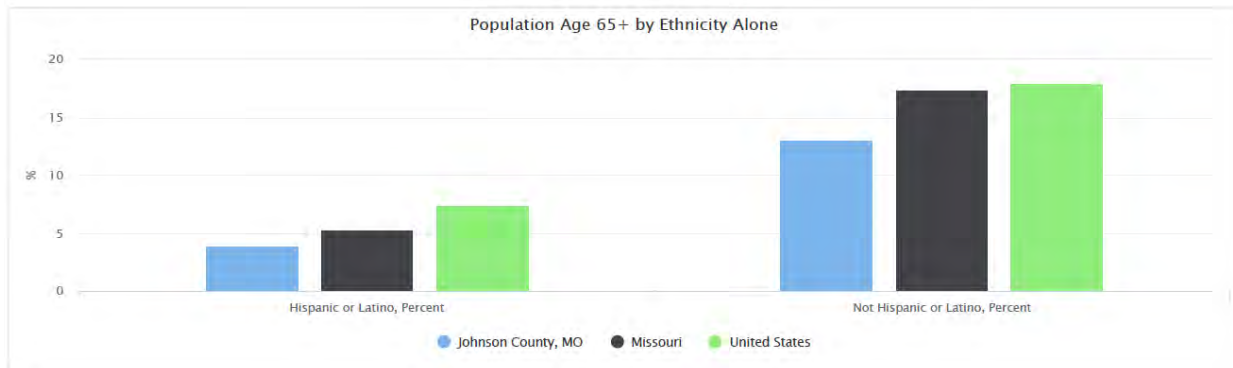
Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	6,378	148	2	52	0	11	235
Missouri	919,519	81,182	3,121	11,842	477	3,609	13,634
United States	42,574,643	4,788,254	296,672	2,354,264	58,586	1,299,940	990,458



### Population Age 65+ by Ethnicity Alone

This indicator reports the percentage of population that are at age 65+ by ethnicity alone. In the report area, 3.94% of Hispanic / Latino population are at age 65+, and 13.08% of non Hispanic / Latino population are at age 65+.

Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	99	6,727	3.94%	13.08%
Missouri	14,060	1,019,324	5.35%	17.39%
United States	4,379,740	47,983,077	7.38%	17.96%

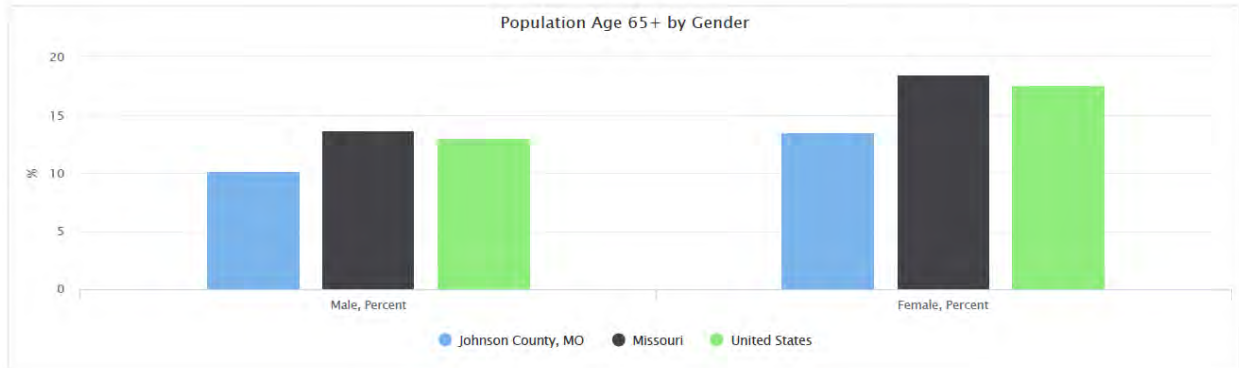




## Population Age 65+ by Gender

The table below reports the percentage of the population that is age 65 or older by gender. Among the male population in the report area, 10.17% are aged 65 years or older. Among the female population, 13.51% are aged 65 years or older.

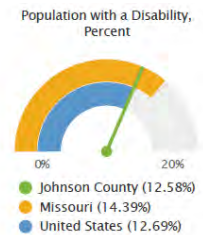
Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	2,817	3,548	10.17%	13.51%
Missouri	409,580	577,216	13.63%	18.50%
United States	20,905,372	29,098,554	13.00%	17.56%



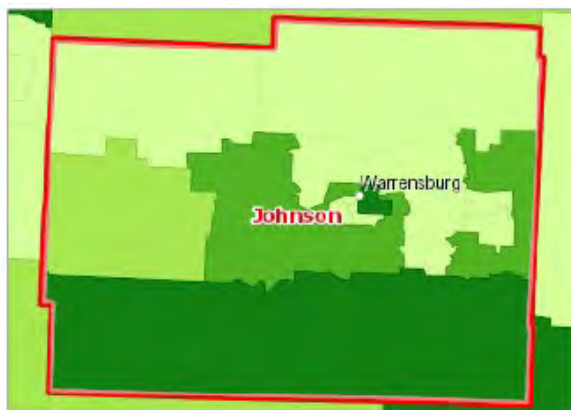
## Population with Any Disability

This indicator reports the percentage of the total civilian non-institutionalized population with a disability. The report area has a total population of 49,919 for whom disability status has been determined, of which 6,282 or 12.58% have any disability. This indicator is relevant because disabled individuals comprise a vulnerable population that requires targeted services and outreach by providers.

Report Area	Total Population (For Whom Disability Status Is Determined)	Population with a Disability	Population with a Disability, Percent
Johnson County, MO	49,919	6,282	12.58%
Missouri	6,011,968	865,039	14.39%
United States	321,525,041	40,786,461	12.69%



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



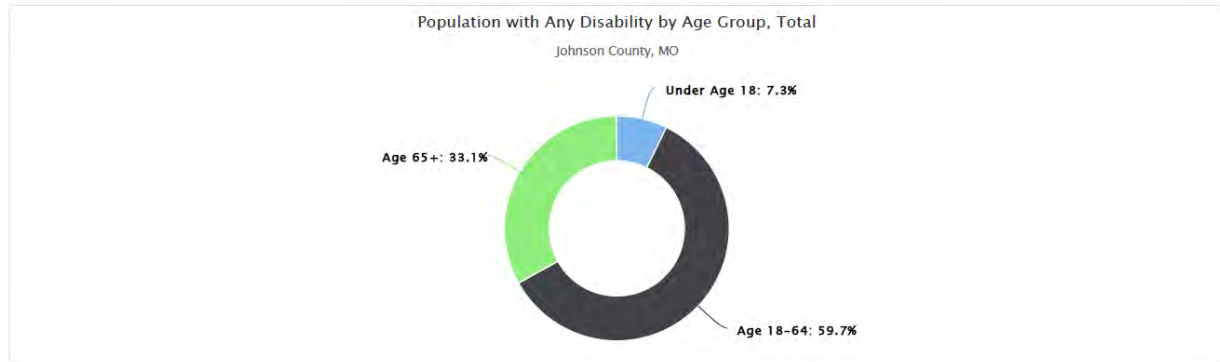
### Disabled Population, Percent by Tract, ACS 2016-20

- Over 18.0%
- 15.1 - 18.0%
- 12.1 - 15.0%
- Under 12.1%
- No Data or Data Suppressed
- Johnson County, MO

### Population with Any Disability by Age Group, Total

This indicator reports the proportion of the total civilian non-institutionalized population with a disability by age group.

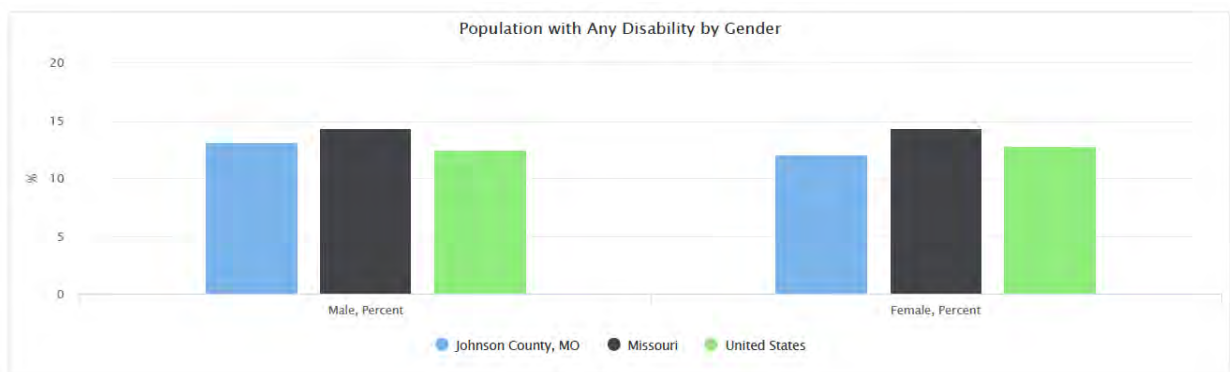
Report Area	Under Age 18	Age 18-64	Age 65+
Johnson County, MO	457	3,748	2,077
Missouri	64,229	445,939	354,871
United States	3,166,556	20,231,217	17,388,688



### Population with Any Disability by Gender

This indicator reports the percentage of the total civilian non-institutionalized population with a disability by gender.

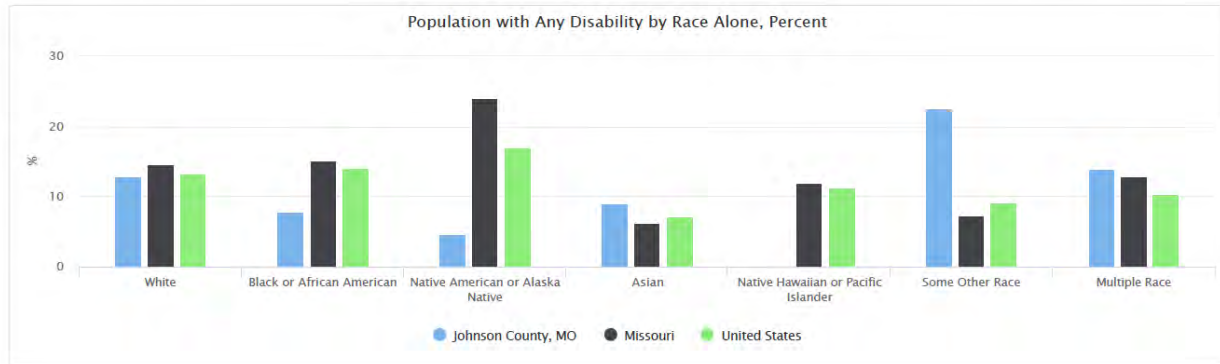
Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	3,180	3,102	13.16%	12.04%
Missouri	422,621	442,418	14.43%	14.35%
United States	19,719,672	21,066,789	12.55%	12.82%



### Population with Any Disability by Race Alone, Percent

This indicator reports the percentage of the total civilian non-institutionalized population with a disability by race alone.

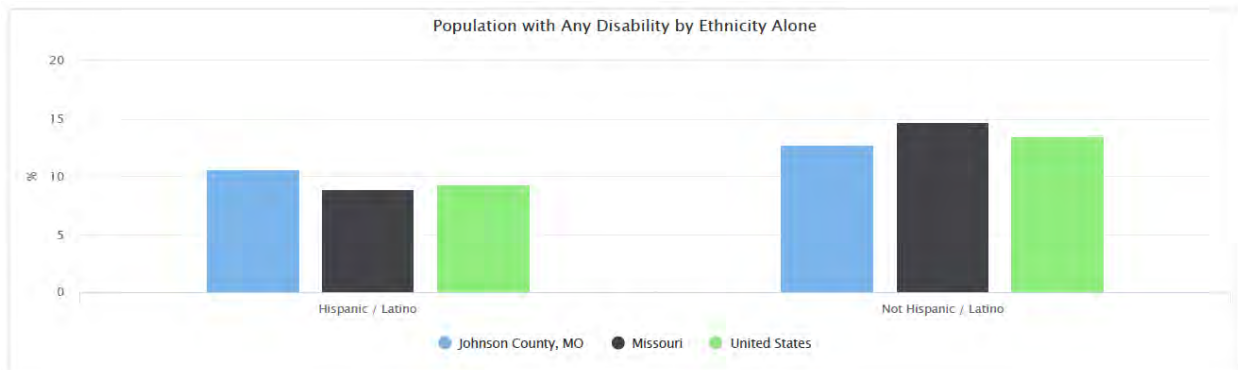
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	12.79%	7.76%	4.63%	8.98%	0.00%	22.52%	13.88%
Missouri	14.63%	15.10%	24.02%	6.22%	11.87%	7.34%	12.78%
United States	13.28%	13.98%	16.92%	7.22%	11.28%	9.10%	10.39%



### Population with Any Disability by Ethnicity Alone

This indicator reports the percentage of the total civilian non-institutionalized population with a disability by ethnicity alone.

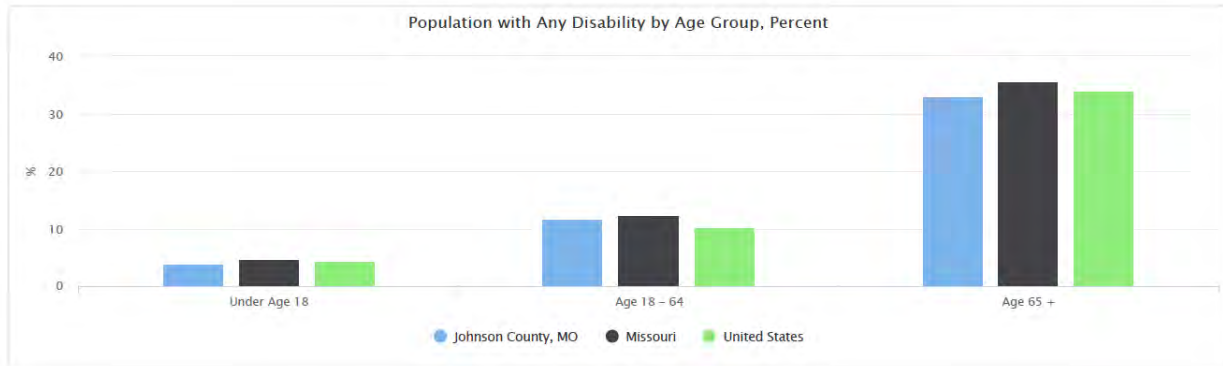
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	227	6,055	10.56%	12.68%
Missouri	22,856	842,183	8.87%	14.64%
United States	5,396,728	35,389,733	9.21%	13.46%



### Population with Any Disability by Age Group, Percent

This indicator reports the percentage of the total civilian non-institutionalized population with a disability by age group.

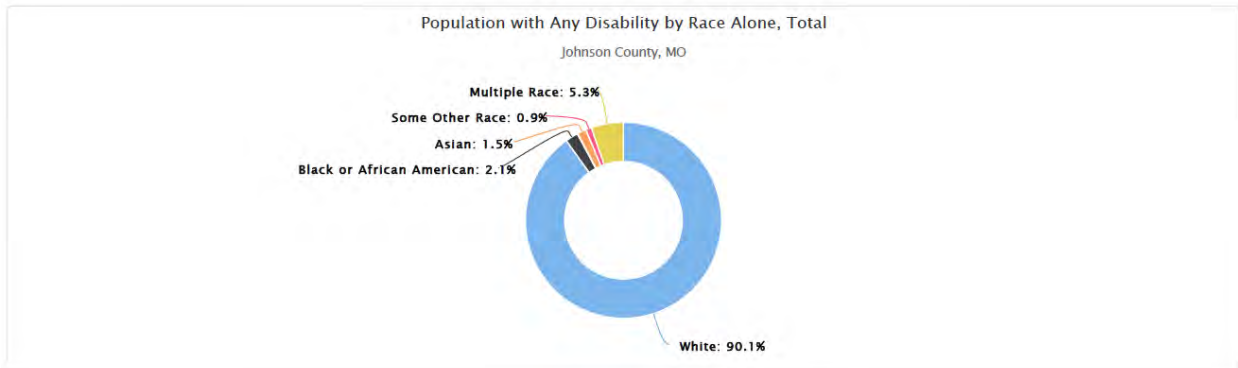
Report Area	Under Age 18	Age 18 - 64	Age 65 +
Johnson County, MO	3.95%	11.70%	33.00%
Missouri	4.67%	12.25%	35.62%
United States	4.33%	10.25%	34.05%



### Population with Any Disability by Race Alone, Total

This indicator reports the proportion of the total civilian non-institutionalized population with a disability by race alone.

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	5,660	133	5	92	0	59	333
Missouri	716,460	101,706	5,601	7,625	1,021	5,552	27,074
United States	30,123,435	5,589,694	443,753	1,323,361	67,357	1,508,956	1,729,905

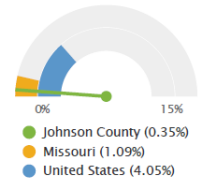


## Population in Limited English Households

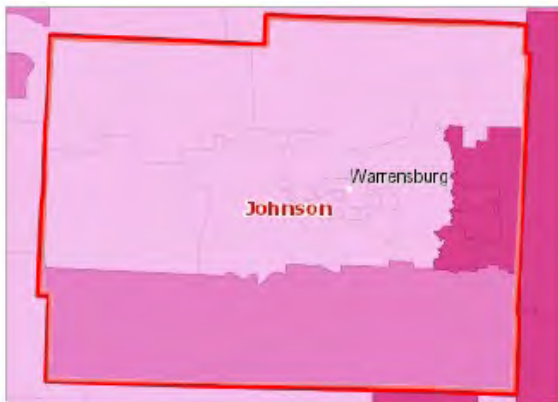
This indicator reports the percentage of the population aged 5 years and older living in Limited English speaking households. A limited English speaking household is one in which **no** household member 14 years old and over speaks only English at home, or no household member speaks a language other than English at home and speaks English “very well”. In the report area, 177 individuals, or 0.35% live in limited English households. This indicator is significant as it identifies households and populations that may need English-language assistance.

Report Area	Total Population Age 5+	Linguistically Isolated Population	Linguistically Isolated Population, Percent
Johnson County, MO	50,548	177	0.35%
Missouri	5,753,114	62,536	1.09%
United States	306,919,116	12,431,611	4.05%

Linguistically Isolated Population, Percent



Note: This indicator is compared to the state average.  
 Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



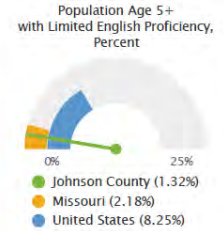
Population in Linguistically Isolated Households, Percent by Tract, ACS 2016-20

- Over 3.0%
- 1.1 - 3.0%
- 0.1 - 1.1%
- No Population in Linguistically Isolated Households
- No Data or Data Suppressed
- Johnson County, MO

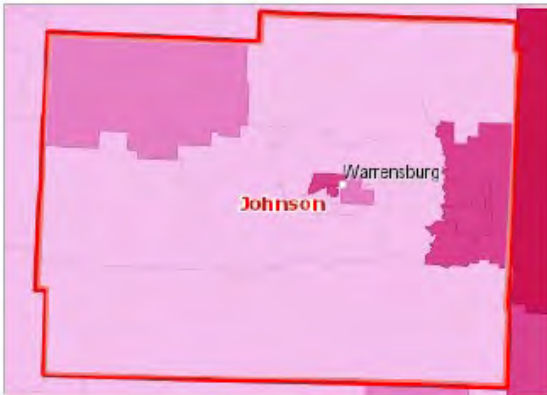
## Population with Limited English Proficiency

This indicator reports the percentage of the population aged 5 and older who speak a language other than English at home and speak English less than "very well". This indicator is relevant because an inability to speak English well creates barriers to healthcare access, provider communications, and health literacy/education. Of the 50,548 total population aged 5 and older in the report area, 666 or 1.32% have limited English proficiency.

Report Area	Population Age 5+	Population Age 5+ with Limited English Proficiency	Population Age 5+ with Limited English Proficiency, Percent
Johnson County, MO	50,548	666	1.32%
Missouri	5,753,114	125,479	2.18%
United States	306,919,116	25,312,024	8.25%



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



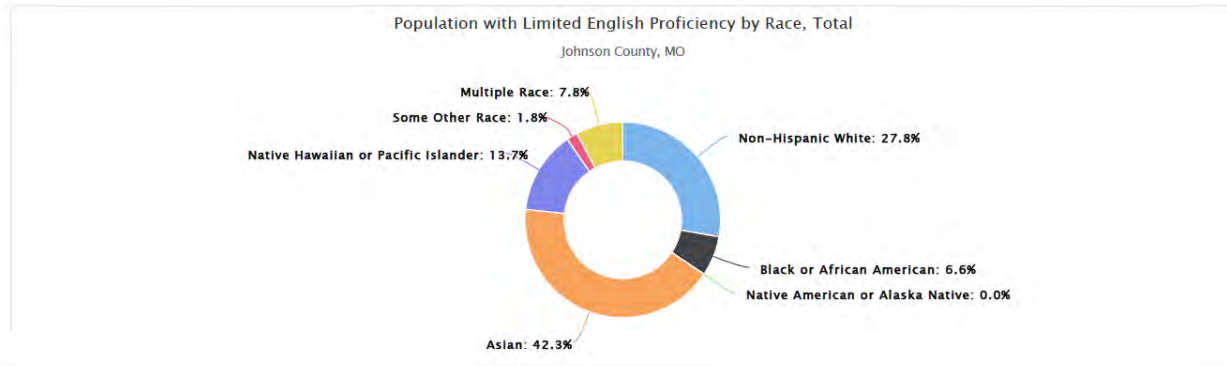
Population with Limited English Proficiency, Percent by Tract, ACS 2016-20

- Over 4.0%
- 2.1 - 4.0%
- 1.1 - 2.0%
- Under 1.1%
- No Data or Data Suppressed
- Johnson County, MO

### Population with Limited English Proficiency by Race, Total

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 race alone in the report area.

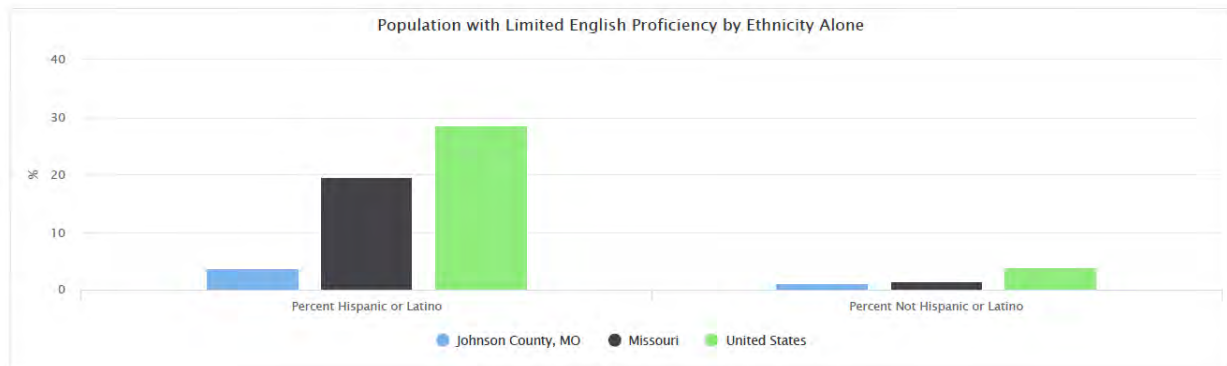
Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	185	44	0	282	91	12	52
Missouri	54,103	9,454	733	36,105	1,211	17,786	6,087
United States	11,134,122	1,196,004	202,081	5,545,968	71,524	5,388,974	1,773,351



### Population with Limited English Proficiency by Ethnicity Alone

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 ethnicity alone in the report area.

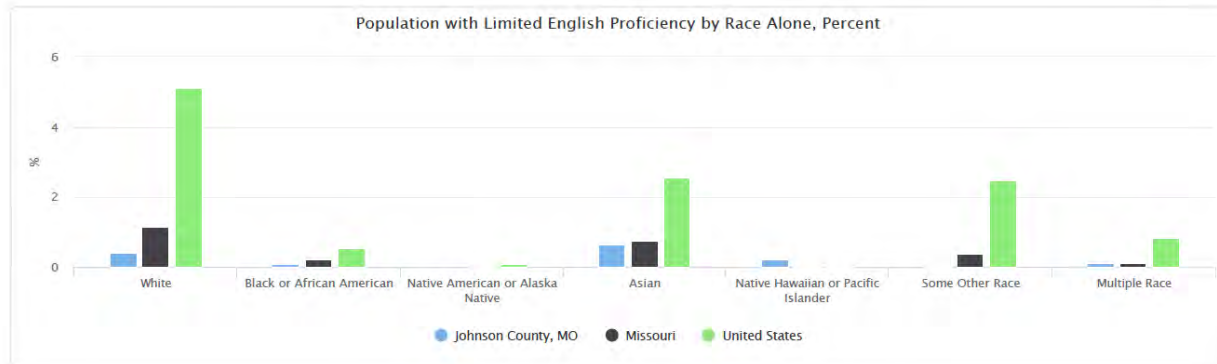
Report Area	Total Hispanic or Latino	Total Not Hispanic or Latino	Percent Hispanic or Latino	Percent Not Hispanic or Latino
Johnson County, MO	84	582	3.78%	1.20%
Missouri	46,342	79,137	19.65%	1.43%
United States	15,590,137	9,721,887	28.69%	3.85%



### Population with Limited English Proficiency by Race Alone, Percent

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

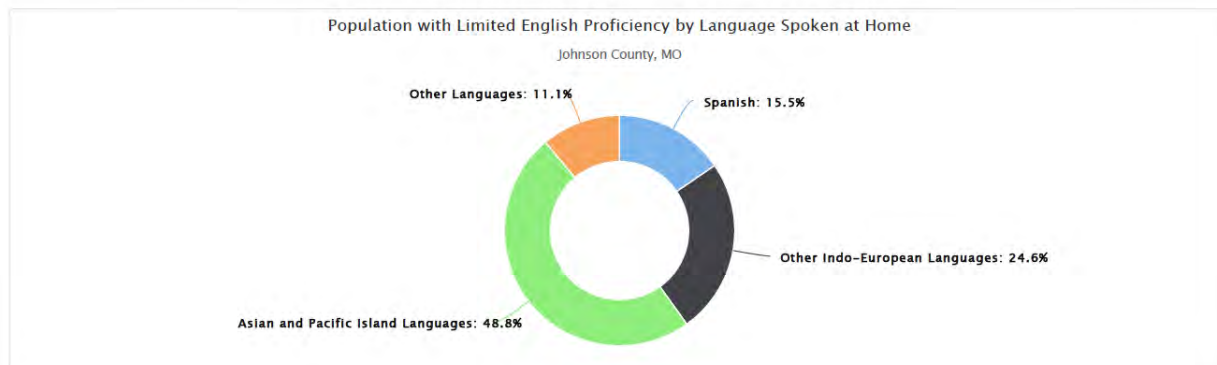
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	0.41%	0.10%	0.00%	0.63%	0.20%	0.03%	0.12%
Missouri	1.15%	0.20%	0.02%	0.77%	0.03%	0.38%	0.13%
United States	5.12%	0.55%	0.09%	2.55%	0.03%	2.48%	0.82%



### 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
Johnson County, MO	103	164	325	74
Missouri	52,211	29,394	34,210	9,664
United States	15,949,582	3,422,525	4,886,876	1,053,041



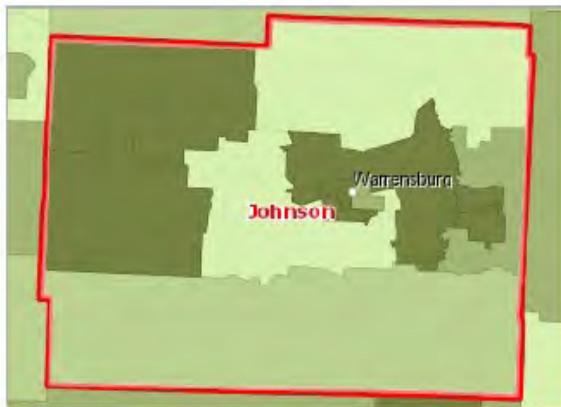


## Population Geographic Mobility

This indicator reports information about population in-migration by assessing changes in residence within a one year period. Of the 53,261 persons residing in the report area, an estimated 13.58% relocated to the area, according to the latest American Community Survey 5-year estimates. Persons who moved to a new household from outside of their current county of residence, from outside their state of residence, or from abroad are considered part of the in-migrated population. Persons who moved to a new household from a different household within their current county of residence are not included.

Report Area	Total Population	Population In-Migration	Percent Population In-Migration
Johnson County, MO	53,261	7,233	13.58%
Missouri	6,052,441	409,783	6.77%
United States	322,943,283	19,816,812	6.14%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

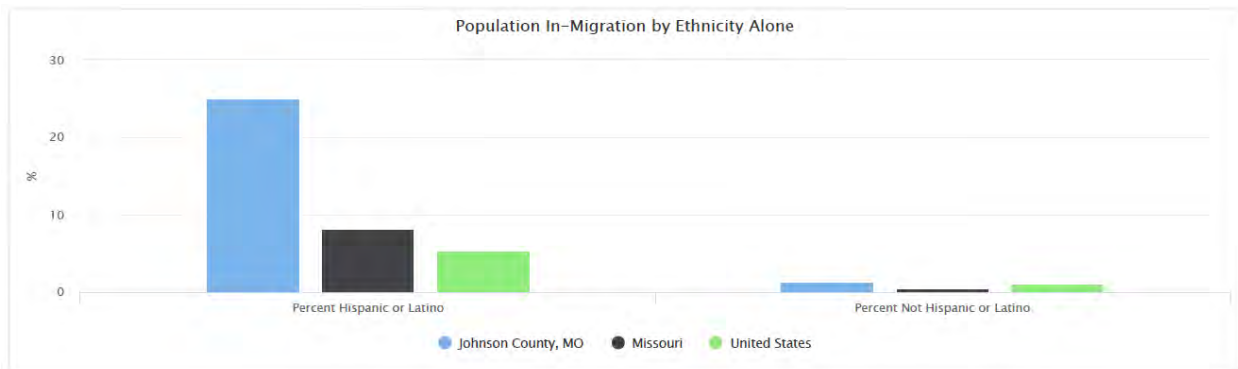


Population Migrated from Outside of the County, State, or Country, Percent of Total Population by Tract, ACS 2016-20

- Over 8.0%
- 5.1 - 8.0%
- 2.1 - 5.0%
- Under 2.1%
- No Data or Data Suppressed
- Johnson County, MO

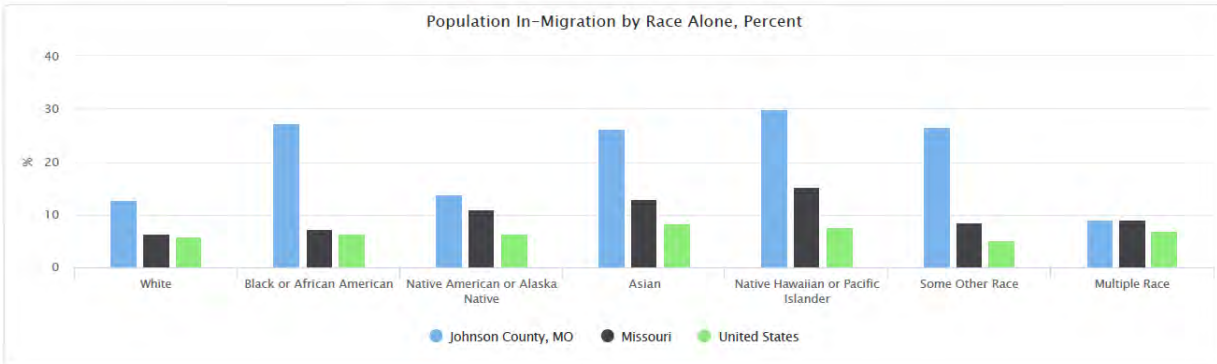
## Population In-Migration by Ethnicity Alone

Report Area	Total Hispanic or Latino	Total Not Hispanic or Latino	Percent Hispanic or Latino	Percent Not Hispanic or Latino
Johnson County, MO	629	6,604	25.08%	1.24%
Missouri	21,059	388,724	8.20%	0.36%
United States	3,103,554	16,713,258	5.31%	1.17%



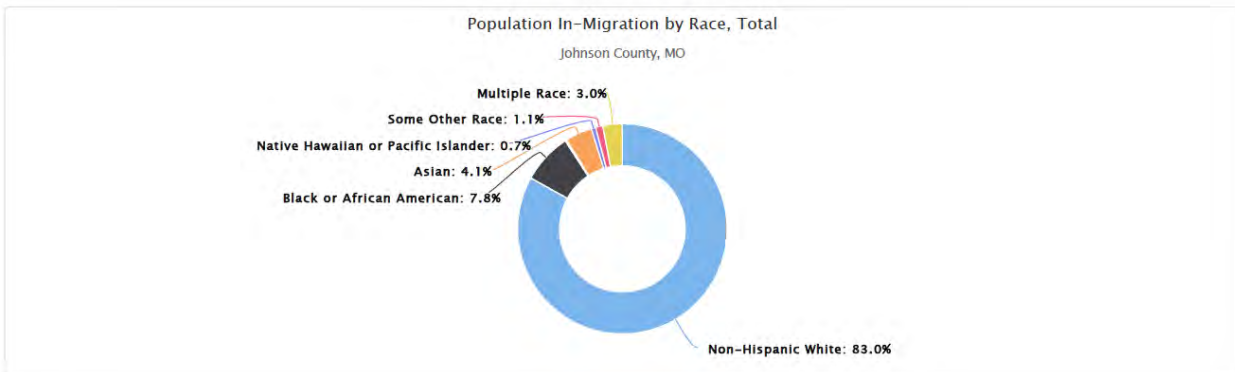
Population In-Migration by Race Alone, Percent

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	12.77%	27.14%	13.71%	26.22%	29.88%	26.64%	8.98%
Missouri	6.39%	7.23%	11.03%	13.05%	15.18%	8.46%	9.02%
United States	5.94%	6.35%	6.38%	8.38%	7.49%	5.03%	6.88%



Population In-Migration by Race, Total

Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	6,007	562	17	300	49	81	217
Missouri	314,754	49,918	2,657	15,979	1,306	6,367	18,802
United States	13,518,880	2,587,540	169,353	1,528,757	45,204	832,498	1,134,580

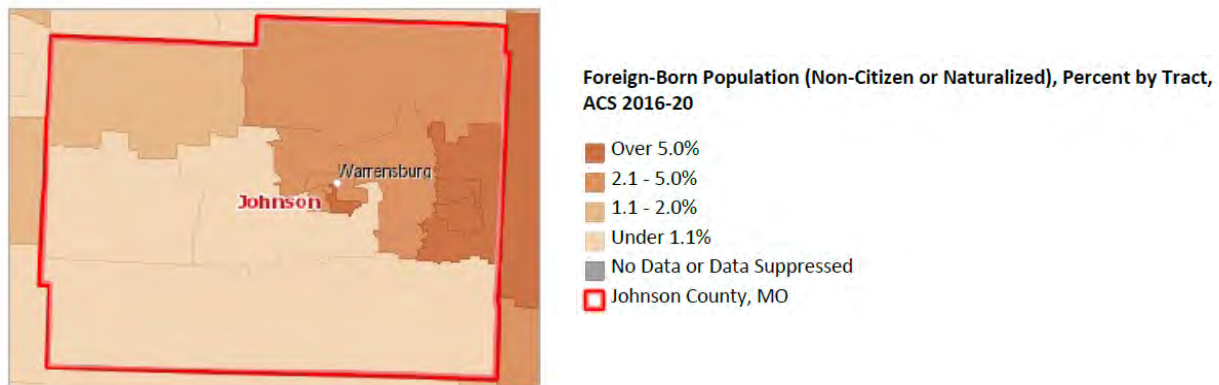


## Foreign-Born Population

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 1,602 persons in the report area are of foreign birth, which represents 2.97% of the report area population. This percentage is less than the national average of 13.51%.

Report Area	Total Population	Naturalized U.S. Citizens	Population Without U.S. Citizenship	Total Foreign-Birth Population	Foreign-Birth Population, Percent of Total Population
Johnson County, MO	53,948	718	884	1,602	2.97%
Missouri	6,124,160	128,880	127,456	256,336	4.19%
United States	326,569,308	22,456,684	21,668,944	44,125,628	13.51%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

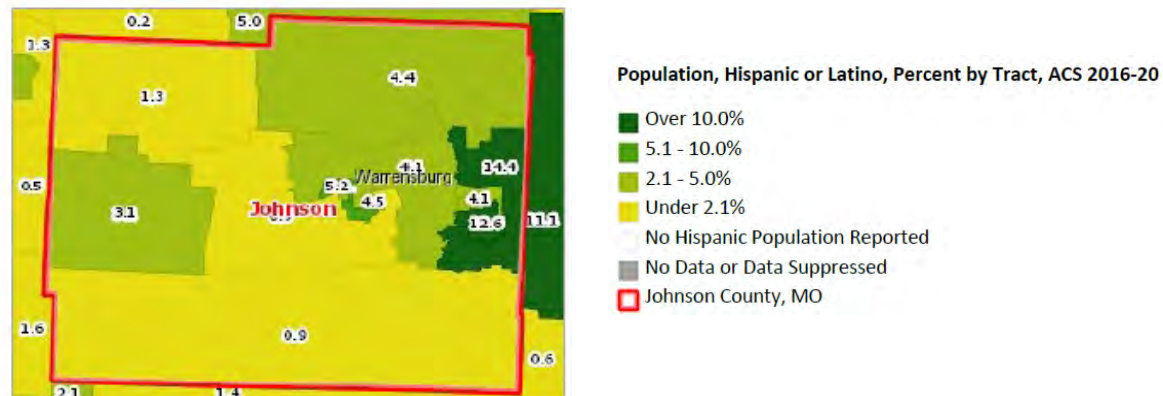


## Hispanic Population

The estimated population that is of Hispanic, Latino, or Spanish origin in the report area is 2,514. This represents 4.66% of the total report area population, which is less than the national rate of 18.18%. Origin can be viewed as the heritage, nationality group, lineage, or country of birth of the person or the person's parents or ancestors before their arrival in the United States. People who identify their origin as Hispanic, Latino, or Spanish may be of any race.

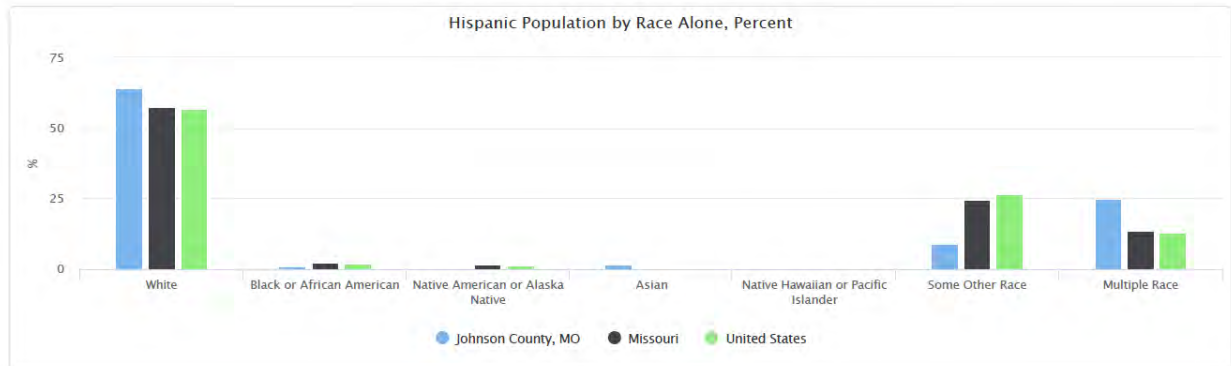
Report Area	Total Population	Non-Hispanic Population	Percent Population Non-Hispanic	Hispanic or Latino Population	Percent Population Hispanic or Latino
Johnson County, MO	53,948	51,434	95.34%	2,514	4.66%
Missouri	6,124,160	5,861,483	95.71%	262,677	4.29%
United States	326,569,308	267,208,288	81.82%	59,361,020	18.18%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



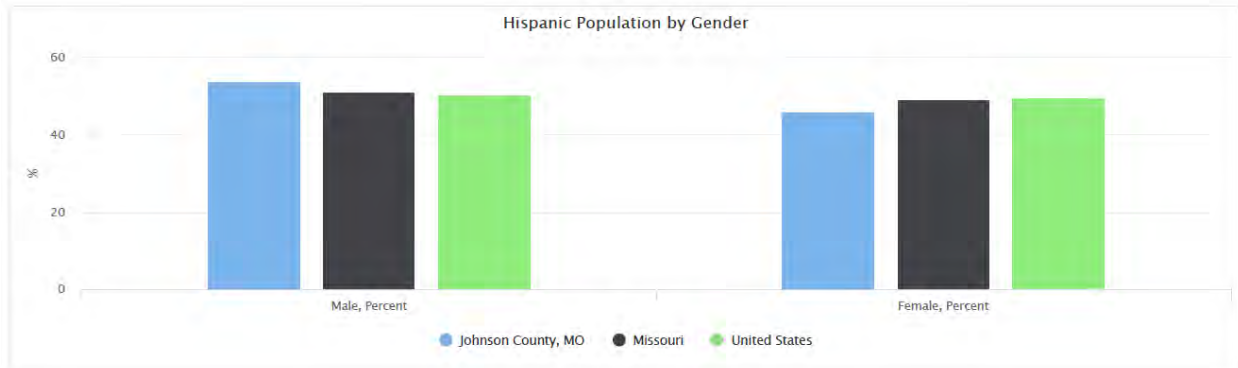
### Hispanic Population by Race Alone, Percent

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	64.04%	0.64%	0.40%	1.55%	0.00%	8.75%	24.62%
Missouri	57.52%	2.11%	1.38%	0.50%	0.38%	24.34%	13.76%
United States	56.79%	2.08%	1.03%	0.40%	0.10%	26.56%	13.04%



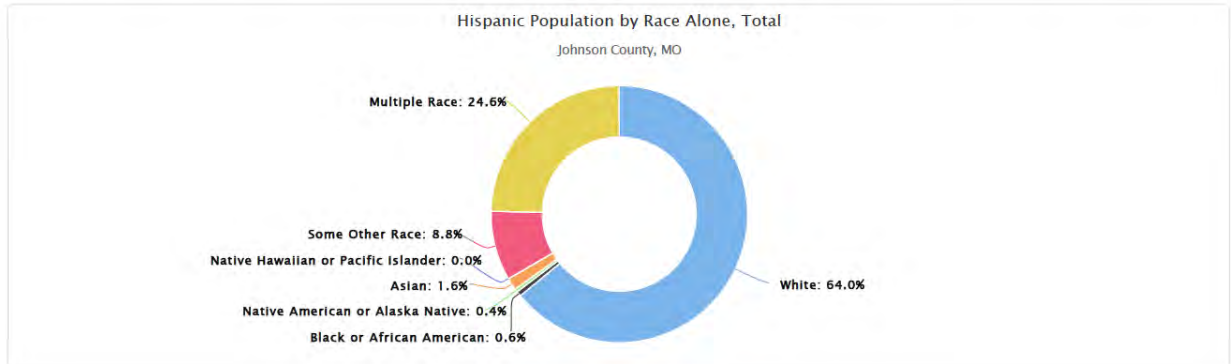
### Hispanic Population by Gender

Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	1,356	1,158	53.94%	46.06%
Missouri	133,869	128,808	50.96%	49.04%
United States	29,963,974	29,397,046	50.48%	49.52%



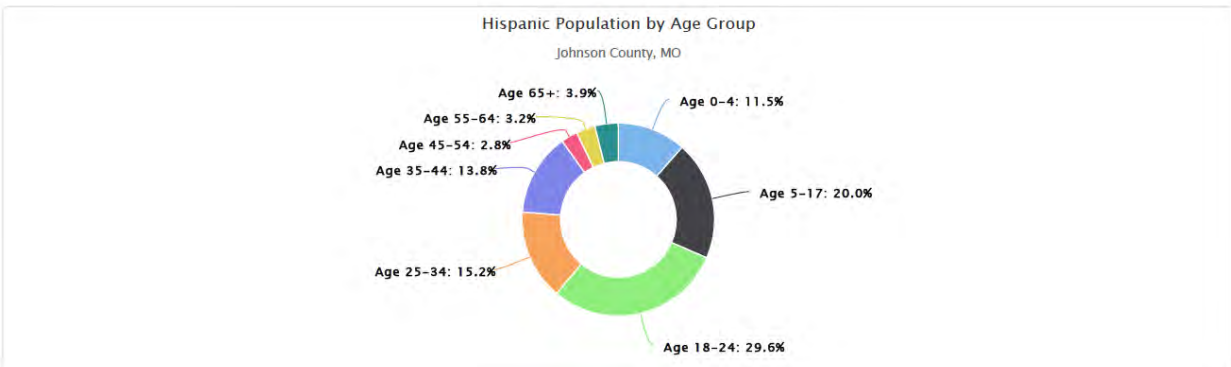
### Hispanic Population by Race Alone, Total

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	1,610	16	10	39	0	220	619
Missouri	151,103	5,533	3,628	1,304	1,011	63,942	36,156
United States	33,709,438	1,232,731	612,762	237,455	61,324	15,766,310	7,741,000



### Hispanic Population by Age Group

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+
Johnson County, MO	290	502	744	381	348	70	80	99
Missouri	26,798	68,979	31,767	41,479	36,455	25,868	17,271	14,060
United States	5,025,433	13,444,962	6,809,518	9,372,450	8,531,810	6,940,374	4,856,733	4,379,740

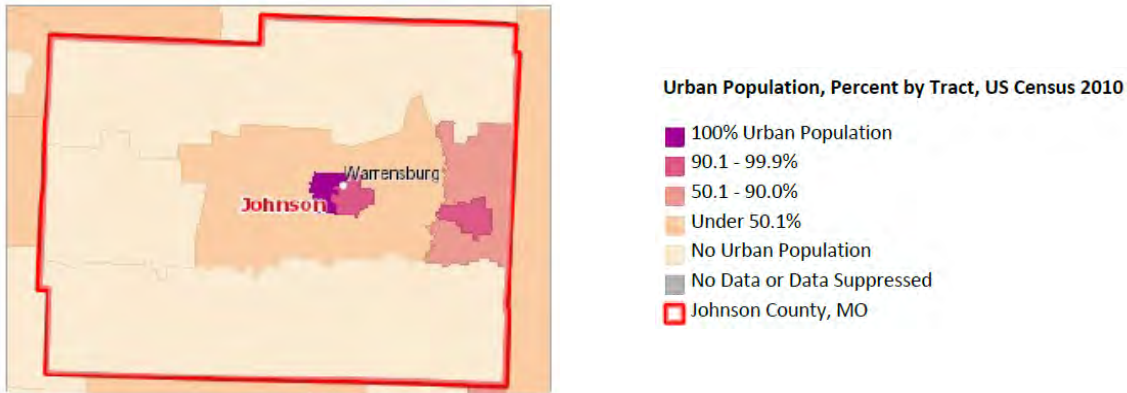


## Urban and Rural Population

This indicator reports the percentage of population living in urban and rural areas. Urban areas are identified using population density, count, and size thresholds. Urban areas also include territory with a high degree of impervious surface (development). Rural areas are all areas that are not urban. Of the report areas 52,595 population, 26,064 or 49.56% of the population is classified urban while 26,531 or 50.44% is rural.

Report Area	Total Population	Urban Population	Rural Population	Urban Population, Percent	Rural Population, Percent
Johnson County, MO	52,595	26,064	26,531	49.56%	50.44%
Missouri	5,988,927	4,218,371	1,770,556	70.44%	29.56%
United States	312,471,327	252,746,527	59,724,800	80.89%	19.11%

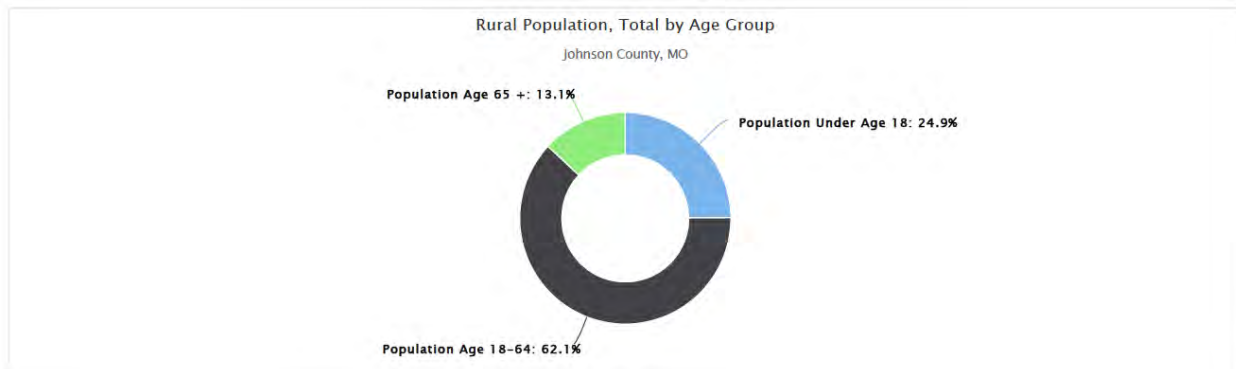
Data Source: US Census Bureau, Decennial Census, 2010. Source geography: Tract



## Rural Population, Total by Age Group

This indicator reports the total rural population of the report area by age group.

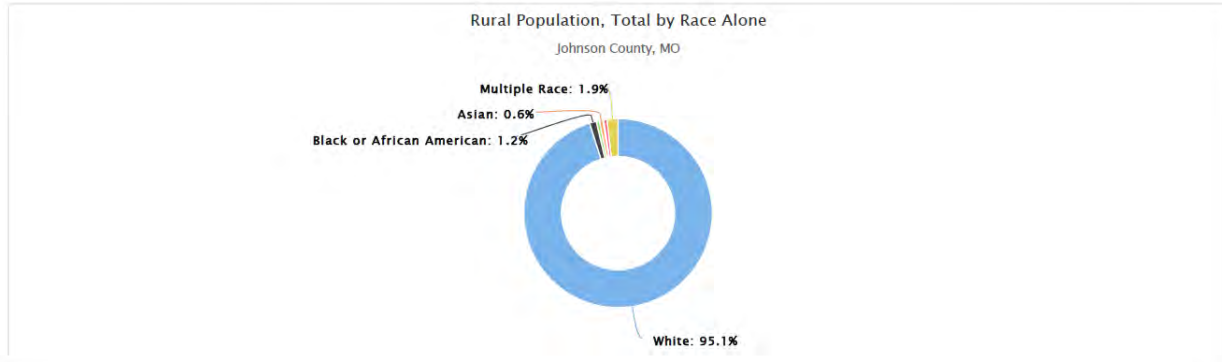
Report Area	Population Under Age 18	Population Age 18-64	Population Age 65 +
Johnson County, MO	6,603	16,465	3,463
Missouri	423,970	1,063,115	283,471
United States	13,907,394	36,734,957	9,082,449



## Rural Population, Total by Race Alone

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

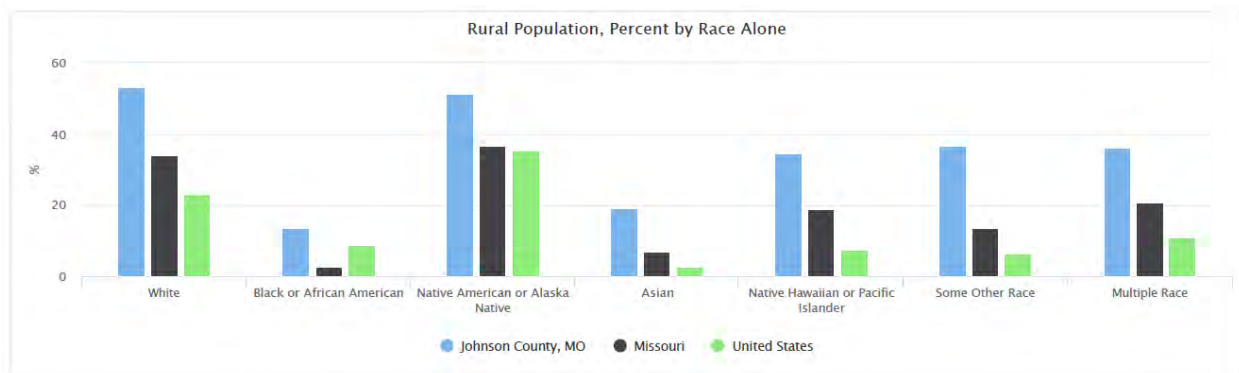
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	25,239	310	143	154	43	147	495
Missouri	1,696,823	18,623	10,068	6,893	1,178	11,122	25,849
United States	52,457,879	3,533,008	1,043,048	399,200	40,683	1,242,870	1,008,112



## Rural Population, Percent by Race Alone

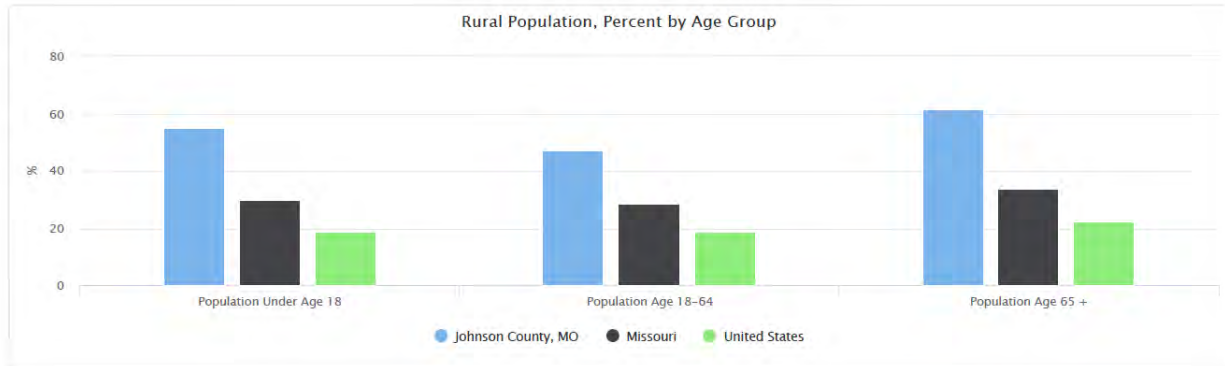
This indicator reports the percentage of rural population in the report area by race alone.

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	53.31%	13.60%	51.44%	19.20%	34.68%	36.93%	36.13%
Missouri	34.22%	2.69%	36.78%	7.03%	18.81%	13.82%	20.75%
United States	23.17%	8.97%	35.33%	2.72%	7.53%	6.41%	11.04%



## Rural Population, Percent by Age Group

Report Area	Population Under Age 18	Population Age 18-64	Population Age 65 +
Johnson County, MO	54.83%	47.17%	61.36%
Missouri	29.74%	28.54%	33.82%
United States	18.52%	18.69%	22.26%

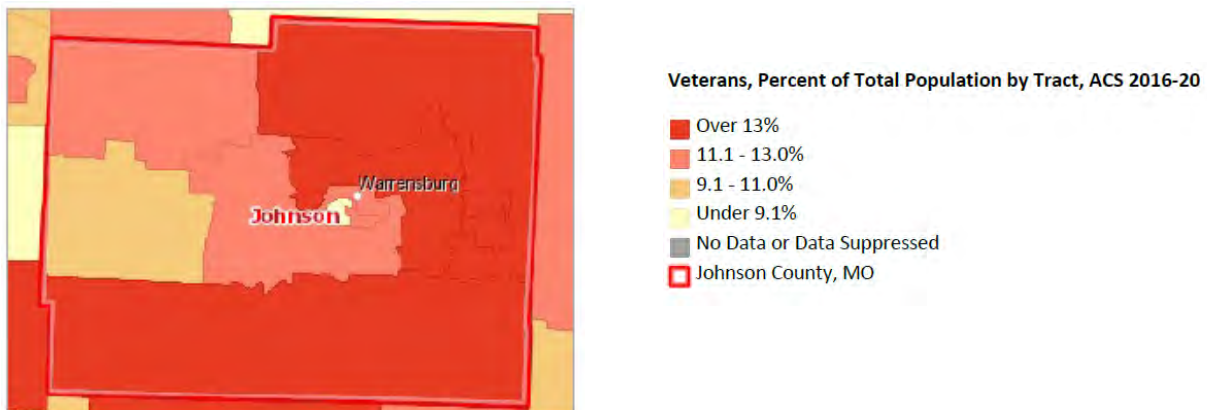


## Veteran Population

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 39,234 population of the report area, 5,673 or 14.46% are veterans.

Report Area	Total Population Age 18+	Total Veterans	Veterans, Percent of Total Population
Johnson County, MO	39,234	5,673	14.46%
Missouri	4,726,263	391,513	8.28%
United States	252,130,477	17,835,456	7.07%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

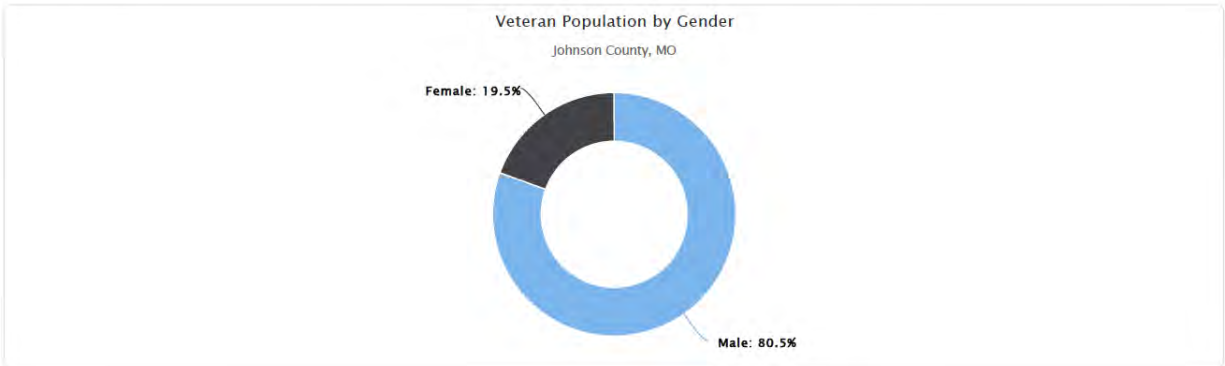




## Veteran Population by Gender

This indicator reports the veteran population in the report area by gender.

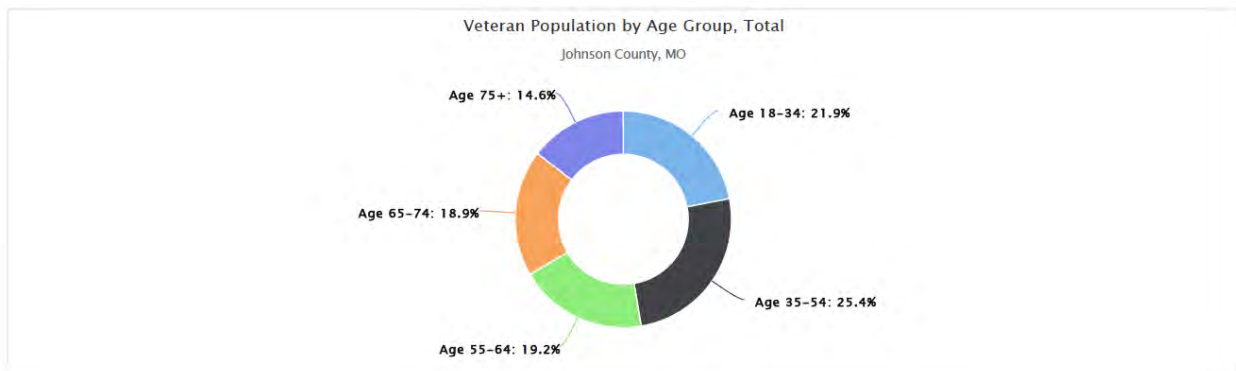
Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	4,569	1,104	24.09%	5.45%
Missouri	359,593	31,920	15.75%	1.31%
United States	16,207,488	1,627,968	13.24%	1.25%



## Veteran Population by Age Group, Total

This indicator reports the total veteran population in the report area by age group.

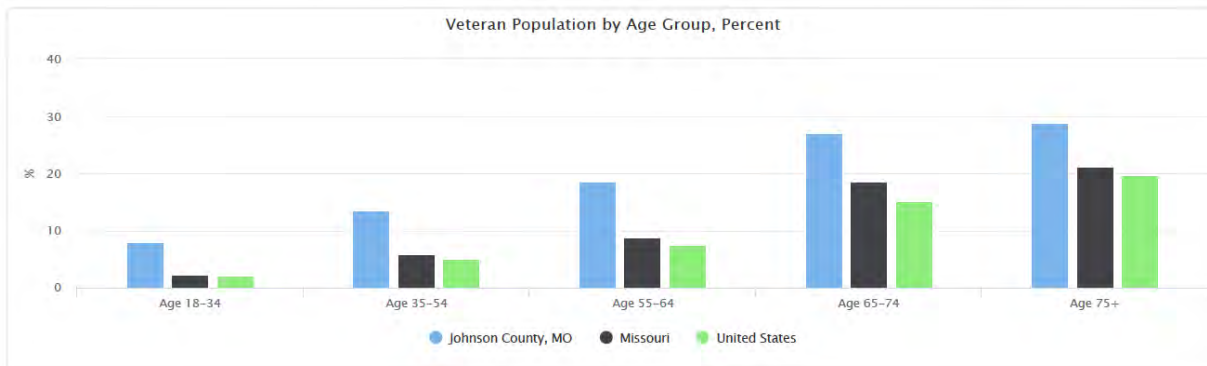
Report Area	Age 18-34	Age 35-54	Age 55-64	Age 65-74	Age 75+
Johnson County, MO	1,245	1,442	1,087	1,071	828
Missouri	31,264	85,557	72,359	109,722	92,611
United States	1,568,922	4,174,725	3,176,620	4,651,690	4,263,499



## Veteran Population by Age Group, Percent

This indicator reports the percentage of veterans in the report area by age group.

Report Area	Age 18-34	Age 35-54	Age 55-64	Age 65-74	Age 75+
Johnson County, MO	7.87%	13.42%	18.57%	27.17%	28.71%
Missouri	2.28%	5.73%	8.76%	18.42%	21.16%
United States	2.09%	5.05%	7.55%	15.23%	19.54%

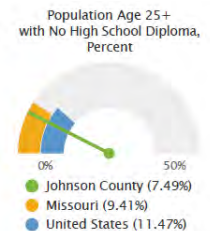


## Other Social and Economic Factors

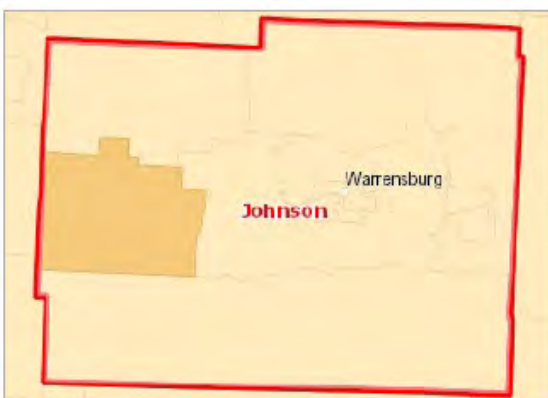
### Population with No High School Diploma

Within the report area there are 2,373 persons aged 25 and older without a high school diploma (or equivalency) or higher. This represents 7.49% of the total population aged 25 and older. This indicator is relevant because educational attainment is linked to positive health outcomes (Freudenberg & Ruglis, 2007).

Report Area	Total Population Age 25+	Population Age 25+ with No High School Diploma	Population Age 25+ with No High School Diploma, Percent
Johnson County, MO	31,686	2,373	7.49%
Missouri	4,176,792	393,045	9.41%
United States	222,836,834	25,562,680	11.47%



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

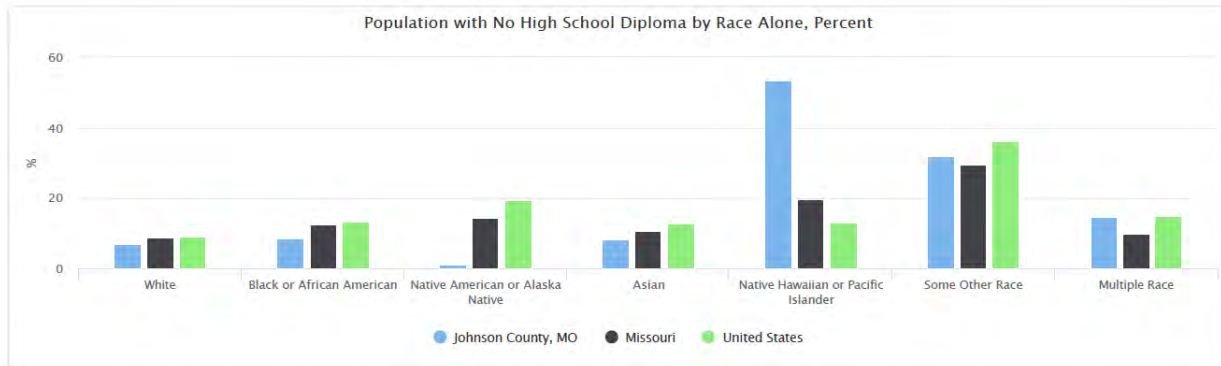


Population with No High School Diploma (Age 25+), Percent by Tract, ACS 2016-20

- Over 21.0%
- 16.1 - 21.0%
- 11.1 - 16.0%
- Under 11.1%
- No Data or Data Suppressed
- Johnson County, MO

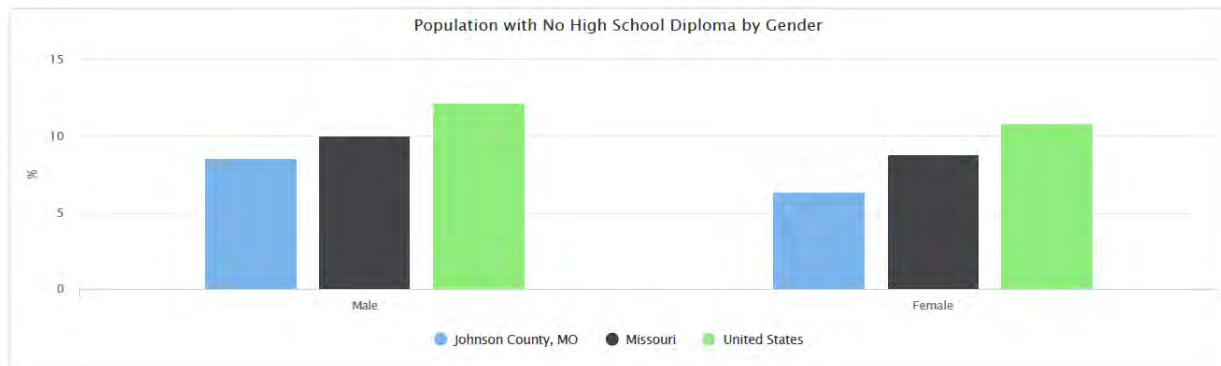
### Population with No High School Diploma by Race Alone, Percent

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	6.91%	8.68%	1.22%	8.15%	53.70%	32.08%	14.58%
Missouri	8.71%	12.56%	14.46%	10.76%	19.71%	29.56%	9.76%
United States	9.28%	13.33%	19.41%	12.71%	13.15%	36.14%	15.01%



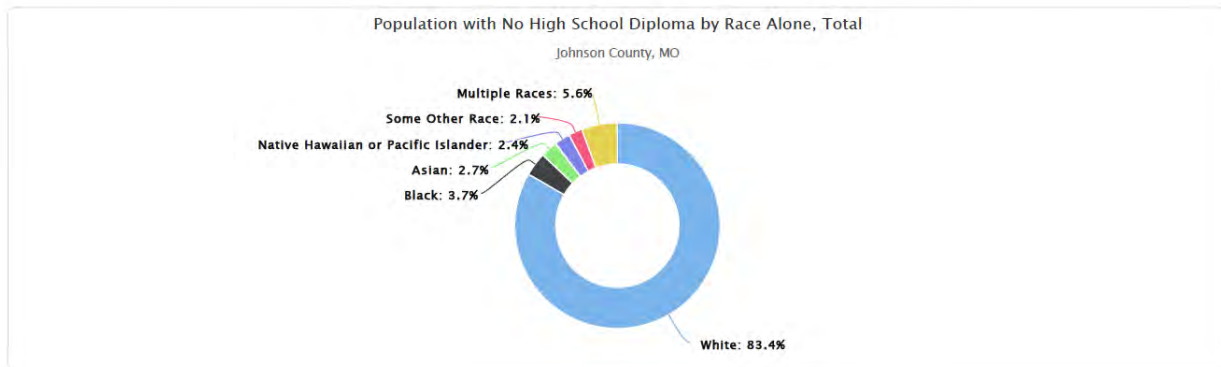
### Population with No High School Diploma by Gender

Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	1,377	996	8.54%	6.40%
Missouri	201,508	191,537	10.04%	8.83%
United States	13,141,042	12,421,638	12.19%	10.80%



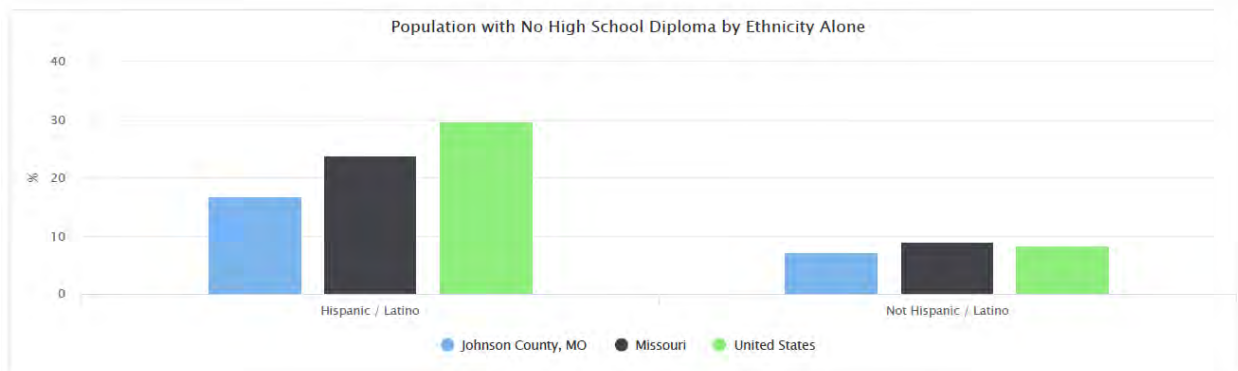
### Population with No High School Diploma by Race Alone, Total

Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Johnson County, MO	1,978	88	63	1	58	51	134
Missouri	304,697	55,359	8,901	2,400	906	11,691	9,091
United States	15,123,109	3,547,596	1,655,662	327,426	51,083	3,624,534	1,233,270



### Population with No High School Diploma by Ethnicity Alone

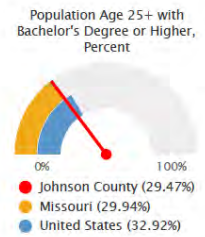
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	164	2,209	16.77%	7.19%
Missouri	32,083	360,962	23.74%	8.93%
United States	10,134,213	15,428,467	29.74%	8.17%



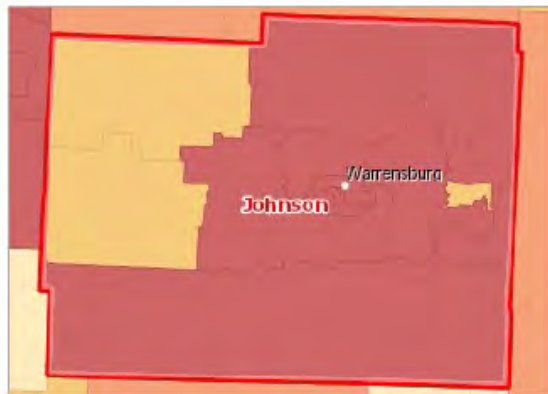
## Population with Bachelor's Degree or Higher

29.47% of the population aged 25 and older, or 9,339 have obtained a Bachelor's level degree or higher. This indicator is relevant because educational attainment has been linked to positive health outcomes.

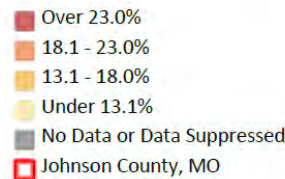
Report Area	Total Population Age 25+	Population Age 25+ with Bachelor's Degree or Higher	Population Age 25+ with Bachelor's Degree or Higher, Percent
Johnson County, MO	31,686	9,339	29.47%
Missouri	4,176,792	1,250,584	29.94%
United States	222,836,834	73,356,319	32.92%



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



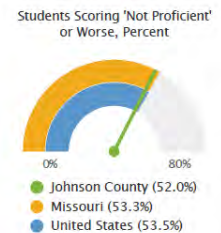
### Population with a Bachelor's Degree or Higher, Percent by Tract, ACS 2016-20



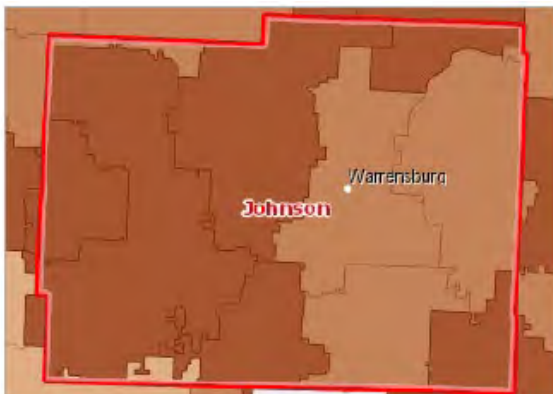
## Student Reading Proficiency (4th Grade)

Information about student performance in the 4th grade English Language Arts portion of the state-specific standardized tests are displayed in the table below. Of 2,167 students tested, 48.0% of 4th graders performed at or above the "proficient" level, and 52.0% tested below the "proficient" level, according to the latest data. Students in the report area tested better than the statewide rate of 46.7%.

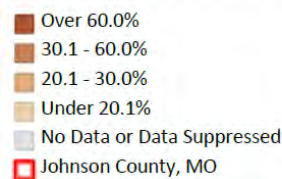
Report Area	Students with Valid Test Scores	Students Scoring 'Proficient' or Better, Percent	Students Scoring 'Not Proficient' or Worse, Percent
Johnson County, MO	2,167	48.0%	52.0%
Missouri	247,335	46.7%	53.3%
United States	13,385,663	46.5%	53.5%



Note: This indicator is compared to the state average.  
Data Source: US Department of Education, EDData. Additional data analysis by CARES, 2018-19. Source geography: School District



### Language Arts Test Scores, Grade 4, Percent Not Proficient by School District (Elementary), EDData 2018-19



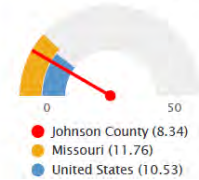
## Head Start

Head Start is a program designed to help children from birth to age five who come from families at or below poverty level. The program’s goal is to help children become ready for kindergarten while also providing the needed requirements to thrive, including health care and food support.

This indicator reports the number and rate of Head Start program facilities per 10,000 children under age 5. Head Start facility data is acquired from the US Department of Health and Human Services (HHS) 2020 Head Start locator. Population data is from the 2010 US Decennial Census. The report area has a total 3 Head Start programs with a rate of 8.34 per 10,000 children under 5 years old.

Report Area	Children Under Age 5	Total Head Start Programs	Head Start Programs, Rate (Per 10,000 Children)
Johnson County, MO	3,598	3	8.34
Missouri	390,237	459	11.76
United States	20,426,118	21,511	10.53

Head Start Programs Rate (Per 10,000 Children Under Age 5)



Note: This indicator is compared to the state average.  
 Data Source: US Department of Health & Human Services, HRSA - Administration for Children and Families, 2019. Source geography: Address



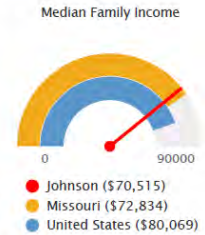
### Head Start Facilities, All Facilities, ACF 2019

- Head Start Facilities, All Facilities, ACF 2019
- Johnson County, MO

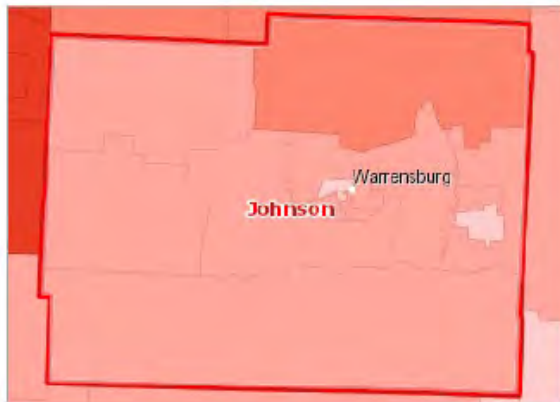
## Income - Median Family Income

This indicator reports median family income based on the latest 5-year American Community Survey estimates. A family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption. Family income includes the incomes of all family members age 15 and older.

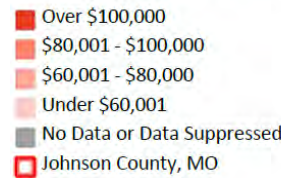
Report Area	Total Family Households	Average Family Income	Median Family Income
Johnson County, MO	12,591	\$82,431	<b>\$70,515</b>
Missouri	1,551,056	\$93,919	\$72,834
United States	79,849,830	\$107,335	\$80,069



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

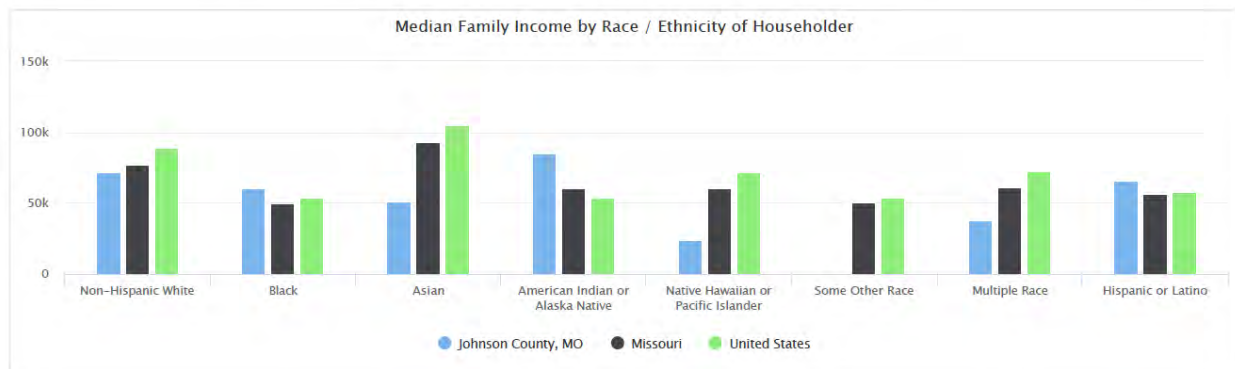


Median Family Income by Tract, ACS 2016-20



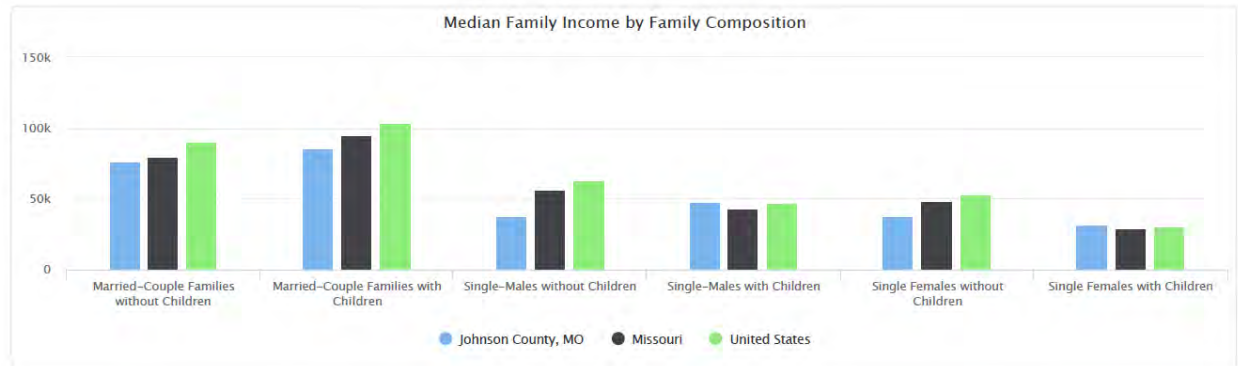
## Median Family Income by Race / Ethnicity of Householder

Report Area	Non-Hispanic White	Black	Asian	American Indian or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race	Hispanic or Latino
Johnson County, MO	\$71,866	\$59,844	\$50,833	\$85,208	\$23,429	No data	\$37,917	\$65,104
Missouri	\$76,588	\$49,250	\$92,945	\$59,989	\$59,980	\$50,014	\$61,261	\$56,221
United States	\$89,259	\$54,037	\$105,032	\$53,738	\$71,461	\$53,851	\$72,045	\$58,243



## Median Family Income by Family Composition

Report Area	Married-Couple Families without Children	Married-Couple Families with Children	Single-Males without Children	Single-Males with Children	Single Females without Children	Single Females with Children
Johnson County, MO	\$76,059	\$86,011	\$38,375	\$48,272	\$37,966	\$31,690
Missouri	\$80,210	\$95,490	\$56,455	\$43,421	\$48,776	\$29,088
United States	\$90,438	\$103,364	\$63,306	\$47,375	\$53,352	\$30,681

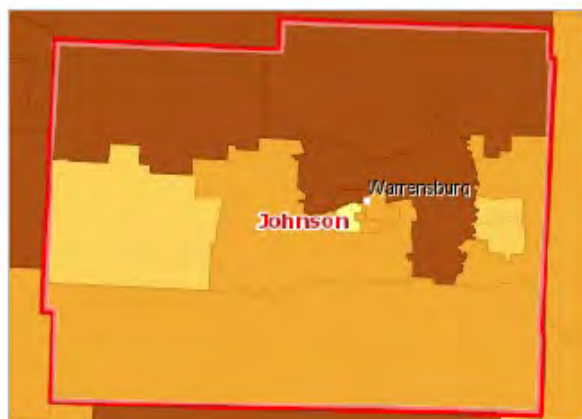
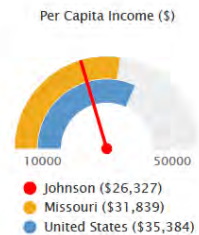


## Income - Per Capita Income

The per capita income for the report area is \$26,327. This includes all reported income from wages and salaries as well as income from self-employment, interest or dividends, public assistance, retirement, and other sources. The per capita income in this report area is the average (mean) income computed for every man, woman, and child in the specified area.

Report Area	Total Population	Total Income (\$)	Per Capita Income (\$)
Johnson County, MO	53,948	\$1,420,291,200	<b>\$26,327</b>
Missouri	6,124,160	\$194,988,335,100	\$31,839
United States	326,569,308	\$11,555,302,096,600	\$35,384

Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



### Per Capita Income by Tract, ACS 2016-20

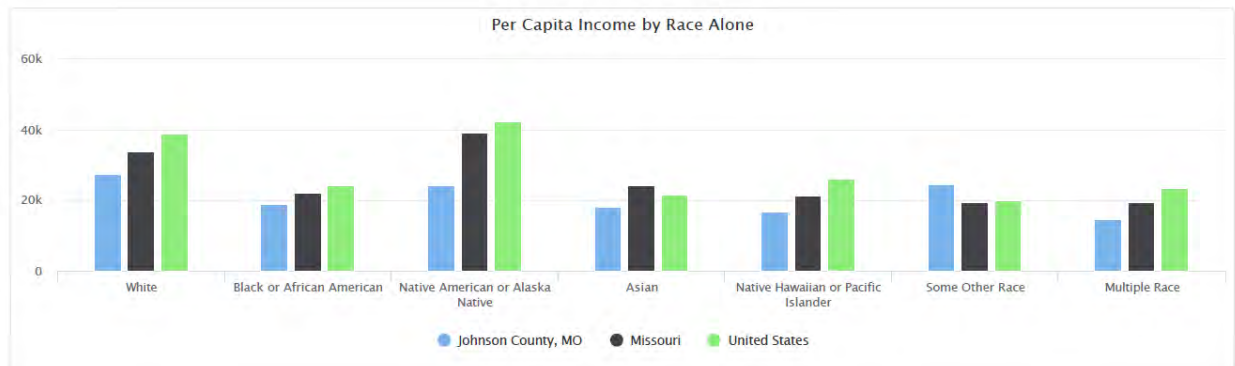
- Over \$30,000
- \$25,001 - \$30,000
- \$20,001 - \$25,000
- Under \$20,001
- No Data or Data Suppressed
- Johnson County, MO



## Per Capita Income by Race Alone

This indicator reports the per capita income of the report area by race alone.

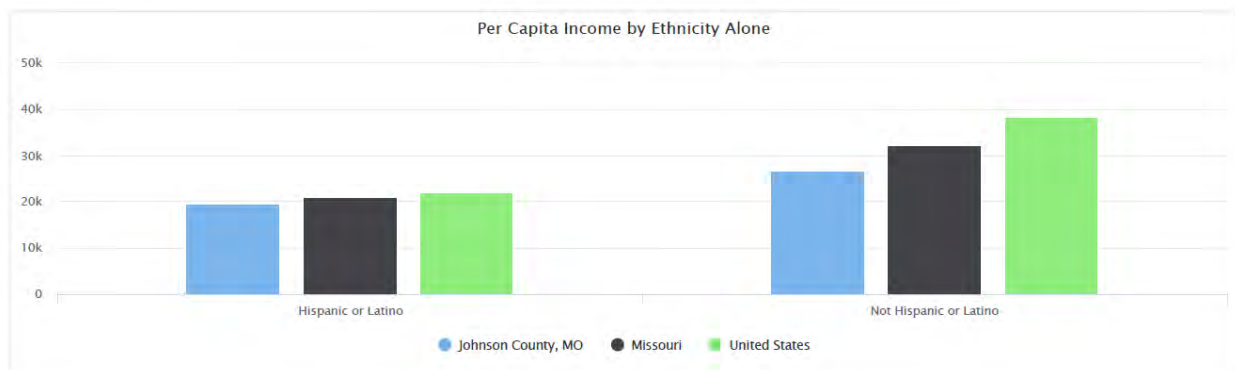
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	\$27,383.00	\$18,834.00	\$24,402.00	\$18,404.00	\$16,599.00	\$24,821.00	\$14,617.00
Missouri	\$33,792.00	\$22,128.00	\$39,179.00	\$24,349.00	\$21,340.00	\$19,379.00	\$19,606.00
United States	\$38,945.00	\$24,454.00	\$42,331.00	\$21,673.00	\$26,051.00	\$20,231.00	\$23,563.00



## Per Capita Income by Ethnicity Alone

This indicator reports the per capita income of the report area by ethnicity alone.

Report Area	Hispanic or Latino	Not Hispanic or Latino
Johnson County, MO	\$19,535.00	\$26,659.00
Missouri	\$21,010.00	\$32,324.00
United States	\$21,846.00	\$38,392.00

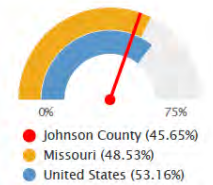


## Income - Families Earning Over \$75,000

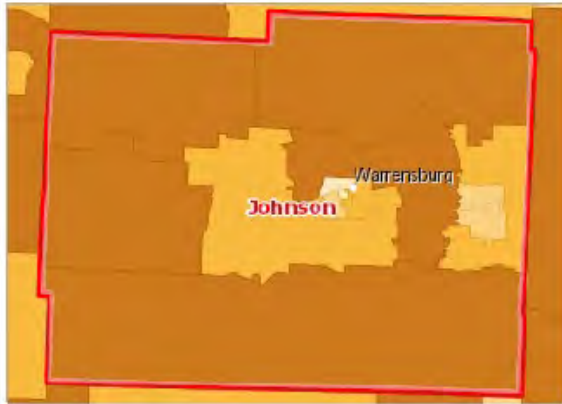
In the report area, 45.65%, or 5,748 families report a total annual income of \$75,000 or greater. Total income includes all reported income from wages and salaries as well as income from self-employment, interest or dividends, public assistance, retirement, and other sources. As defined by the US Census Bureau, a family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption. A non-family household is any household occupied by the householder alone, or by the householder and one or more unrelated individuals.

Report Area	Total Families	Families with Income Over \$75,000	Percent Families with Income Over \$75,000
Johnson County, MO	12,591	5,748	45.65%
Missouri	1,551,056	752,680	48.53%
United States	79,849,830	42,444,697	53.16%

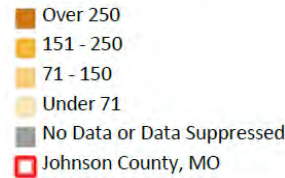
Percent Families with Income Over \$75,000



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

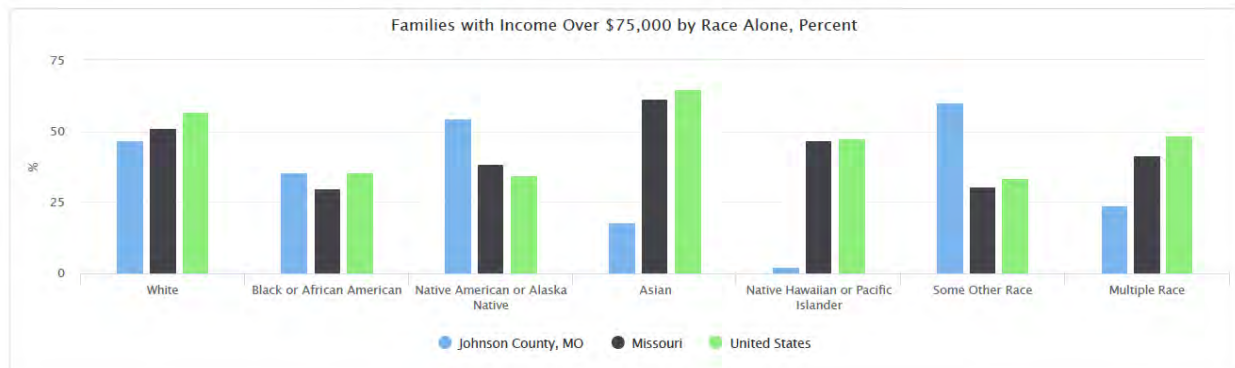


Family Income Over \$75,000, Percent by Tract, ACS 2016-20



## Families with Income Over \$75,000 by Race Alone, Percent

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	46.92%	35.57%	54.55%	17.86%	2.17%	60.00%	24.13%
Missouri	50.89%	29.76%	38.62%	61.36%	46.74%	30.51%	41.49%
United States	56.60%	35.43%	34.61%	64.84%	47.58%	33.52%	48.23%



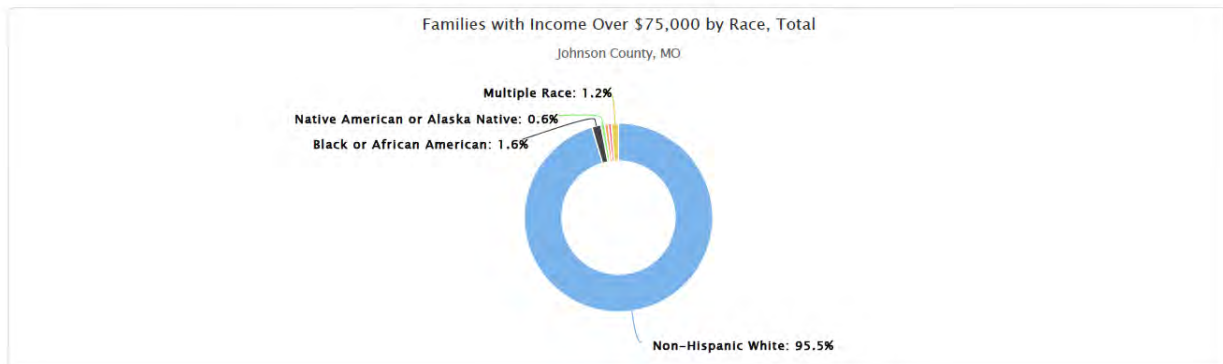
### Families with Income Over \$75,000 by Ethnicity Alone

Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	149	5,599	35.73%	45.99%
Missouri	17,967	734,713	35.41%	48.97%
United States	4,654,557	37,790,140	37.83%	55.95%



### Families with Income Over \$75,000 by Race, Total

Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	5,487	90	36	35	1	30	69
Missouri	667,727	45,820	2,202	17,098	774	4,308	14,751
United States	33,612,328	3,203,313	203,274	2,808,858	59,722	1,181,677	1,375,525

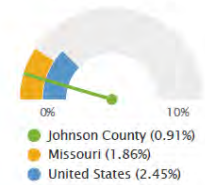


## Income - Public Assistance Income

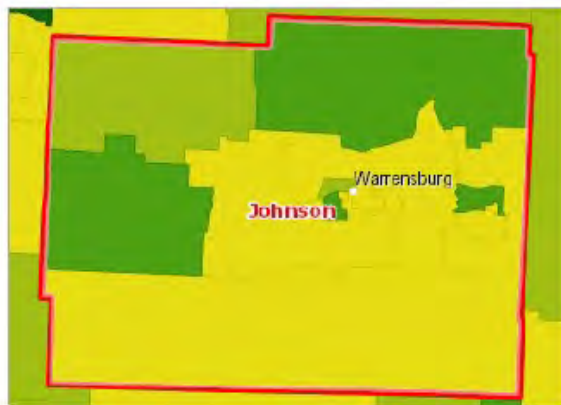
This indicator reports the percentage households receiving public assistance income. Public assistance income includes general assistance and Temporary Assistance to Needy Families (TANF). Separate payments received for hospital or other medical care (vendor payments) are excluded. This does not include Supplemental Security Income (SSI) or noncash benefits such as Food Stamps.

Report Area	Total Households	Households with Public Assistance Income	Percent Households with Public Assistance Income
Johnson County, MO	19,931	181	0.91%
Missouri	2,440,212	45,375	1.86%
United States	122,354,219	2,995,159	2.45%

Percent Households with Public Assistance Income



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

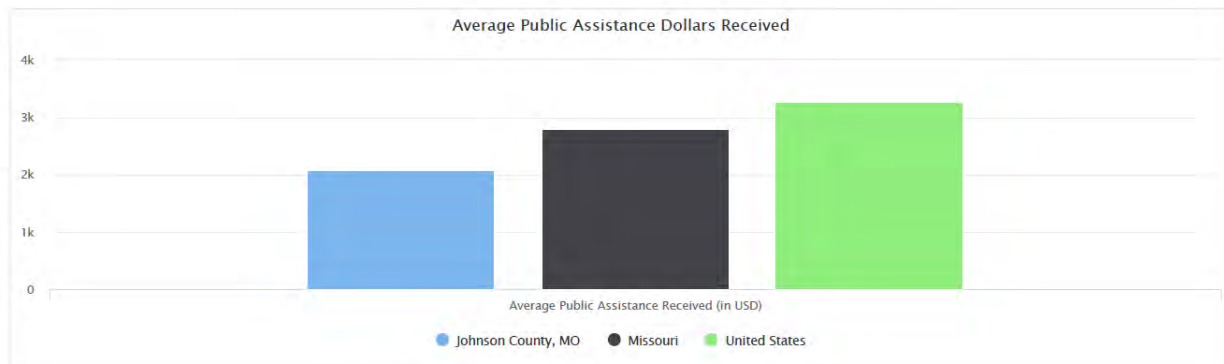


Households with Public Assistance Income, Percent by Tract, ACS 2016-20



## Average Public Assistance Dollars Received

Report Area	Total Households Receiving Public Assistance Income	Aggregate Public Assistance Dollars Received	Average Public Assistance Received (in USD)
Johnson County, MO	181	\$377,000	\$2,082
Missouri	45,375	\$126,288,800	\$2,783
United States	2,995,159	\$9,796,138,600	\$3,270



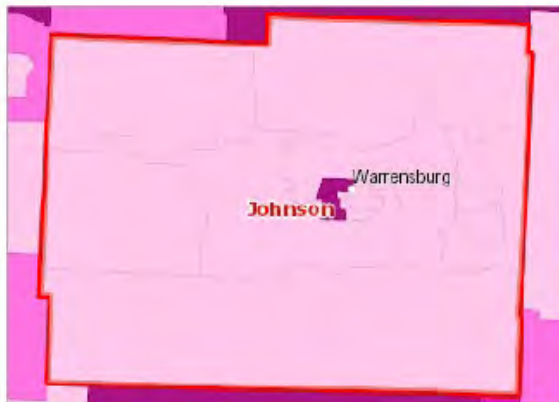
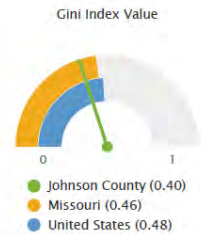
### Income - Inequality (GINI Index)

This indicator reports income inequality using the Gini coefficient. Gini index values range between zero and one. A value of one indicates perfect inequality where only one house-hold has any income. A value of zero indicates perfect equality, where all households have equal income.

Index values are acquired from the 2016-20 American Community Survey and are not available for custom report areas or multi-county areas.

Report Area	Total Households	Gini Index Value
Johnson County, MO	19,931	0.40
Missouri	2,440,212	0.46
United States	122,354,219	0.48

*Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract*



Income Inequality (GINI), Index Value by Tract, ACS 2016-20

- Over 0.460
- 0.431 - 0.460
- 0.401 - 0.430
- Under 0.401
- No Data or Data Suppressed
- Johnson County, MO

## Poverty - Population Below 100% FPL

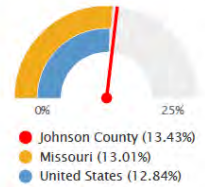
Poverty is considered a *key driver* of health status.

Within the report area 13.43% or 6,627 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.

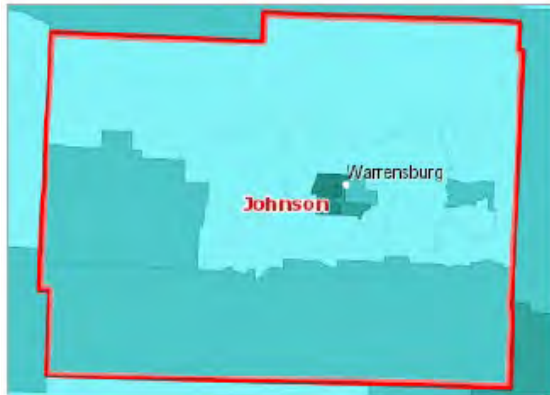
*Note: The total population measurements for poverty reports are lower, as poverty data collection does not include people in group quarters. See Methodology for more details.*

Report Area	Total Population	Population in Poverty	Population in Poverty, Percent
Johnson County, MO	49,357	6,627	13.43%
Missouri	5,942,813	772,992	13.01%
United States	318,564,128	40,910,326	12.84%

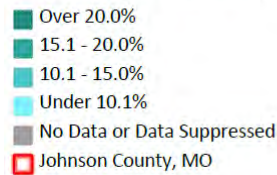
Population in Poverty, Percent



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



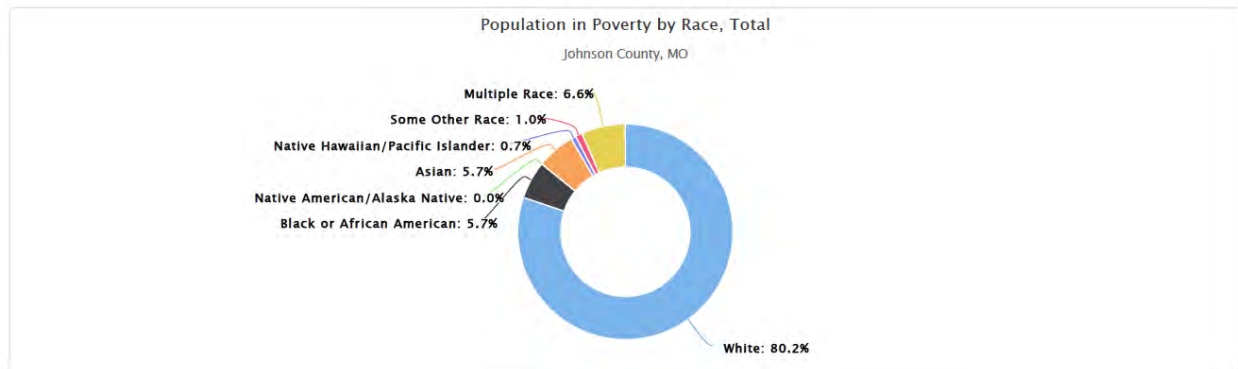
Population Below the Poverty Level, Percent by Tract, ACS 2016-20



## Population in Poverty by Race, Total

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

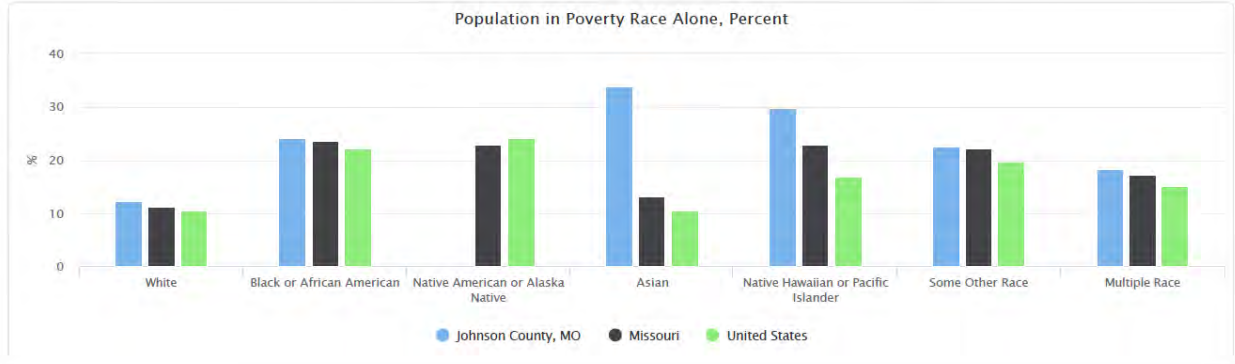
Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	5,313	377	0	381	49	68	439
Missouri	540,189	157,184	5,302	15,846	1,914	16,599	35,958
United States	23,820,939	8,726,814	626,766	1,917,691	99,642	3,234,981	2,483,493



### Population in Poverty Race Alone, Percent

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

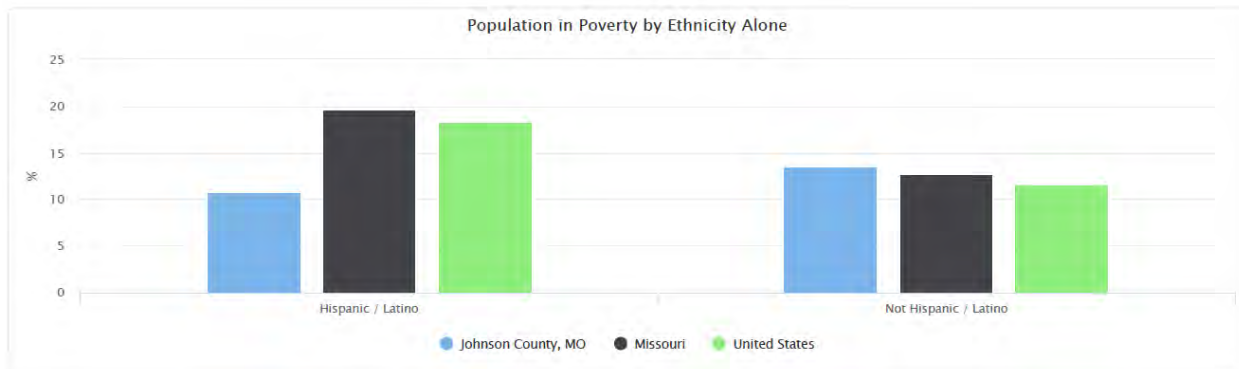
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Johnson County, MO	12.15%	24.20%	0.00%	33.99%	29.88%	22.59%	18.35%
Missouri	11.15%	23.62%	22.87%	13.18%	22.85%	22.15%	17.28%
United States	10.60%	22.07%	24.13%	10.61%	16.81%	19.66%	15.08%



### Population in Poverty by Ethnicity Alone

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

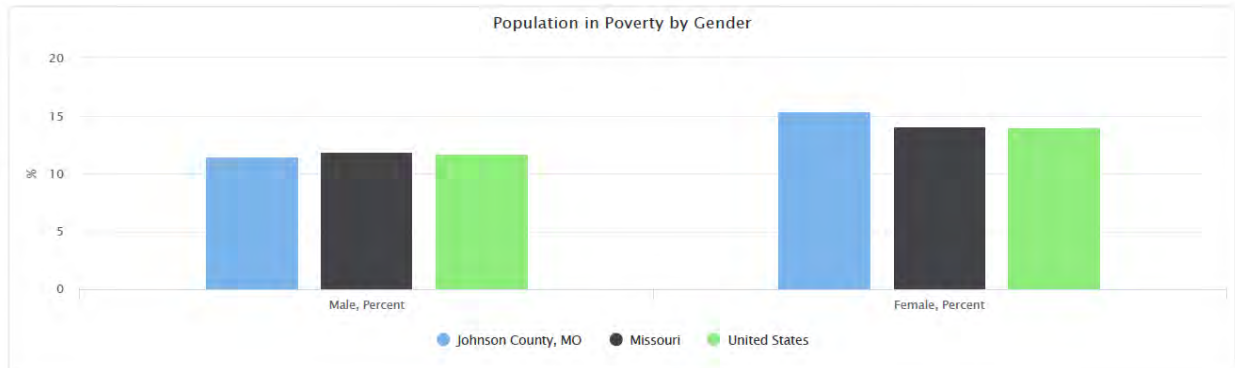
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Johnson County, MO	254	6,373	10.70%	13.56%
Missouri	49,972	723,020	19.61%	12.71%
United States	10,642,653	30,267,673	18.29%	11.62%



## Population in Poverty by Gender

This indicator reports the population in poverty in the report area by gender.

Report Area	Male	Female	Male, Percent	Female, Percent
Johnson County, MO	2,833	3,794	11.45%	15.41%
Missouri	343,547	429,445	11.84%	14.12%
United States	18,171,512	22,738,814	11.64%	13.99%



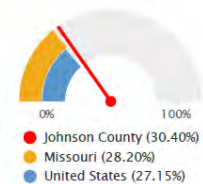
## Poverty - Population Below 185% FPL

In the report area 30.40% or 15,003 individuals for whom poverty status is determined are living in households with income below 185% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

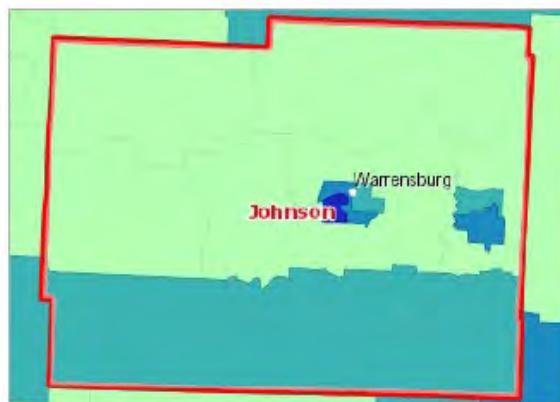
*Note: The total population measurements for poverty reports are lower, as poverty data collection does not include people in group quarters. See Methodology for more details.*

Report Area	Total Population	Population with Income at or Below 185% FPL	Percent Population with Income at or Below 185% FPL
Johnson County, MO	49,357	15,003	30.40%
Missouri	5,942,813	1,675,786	28.20%
United States	318,564,128	86,498,962	27.15%

Percent Population with Income at or Below 185% FPL



*Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract*



Population Below 185% Poverty Level, Percent by Tract, ACS 2016-20

- Over 43.0%
- 35.1 - 43.0%
- 27.1 - 35.0%
- Under 27.1%
- No Data or Data Suppressed
- Johnson County, MO



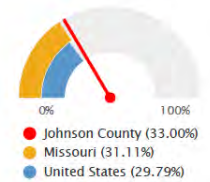
## Poverty - Population Below 200% FPL

In the report area 33.00% or 16,288 individuals for whom poverty status is determined are living in households with income below 200% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

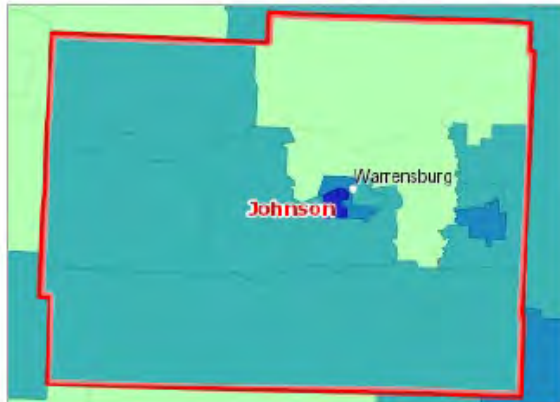
*Note: The total population measurements for poverty reports are lower, as poverty data collection does not include people in group quarters. See Methodology for more details.*

Report Area	Total Population	Population with Income at or Below 200% FPL	Percent Population with Income at or Below 200% FPL
Johnson County, MO	49,357	16,288	33.00%
Missouri	5,942,813	1,849,007	31.11%
United States	318,564,128	94,899,936	29.79%

Percent Population with Income at or Below 200% FPL



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



Population Below 200% Poverty Level, Percent by Tract, ACS 2016-20

- Over 50.0%
- 38.1 - 50.0%
- 26.1 - 38.0%
- Under 26.1%
- No Data or Data Suppressed
- Johnson County, MO

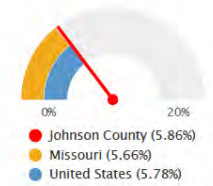
## Poverty - Population Below 50% FPL

In the report area 5.86% or 2,890 individuals for whom poverty status is determined are living in households with income below 50% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

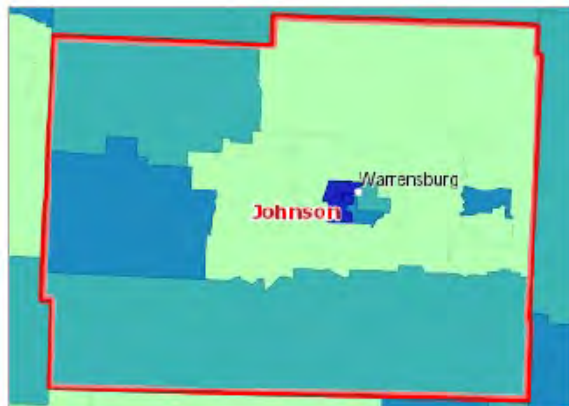
*Note: The total population measurements for poverty reports are lower, as poverty data collection does not include people in group quarters. See Methodology for more details.*

Report Area	Total Population	Population with Income at or Below 50% FPL	Percent Population with Income at or Below 50% FPL
Johnson County, MO	49,357	2,890	5.86%
Missouri	5,942,813	336,343	5.66%
United States	318,564,128	18,400,877	5.78%

Percent Population with Income at or Below 50% FPL



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



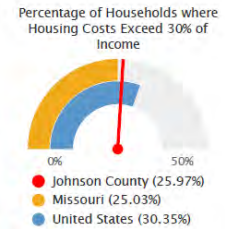
Population Below 50% Poverty Level, Percent by Tract, ACS 2016-20

- Over 9.0%
- 6.1 - 9.0%
- 3.1 - 6.0%
- Under 3.1%
- No Data or Data Suppressed
- Johnson County, MO

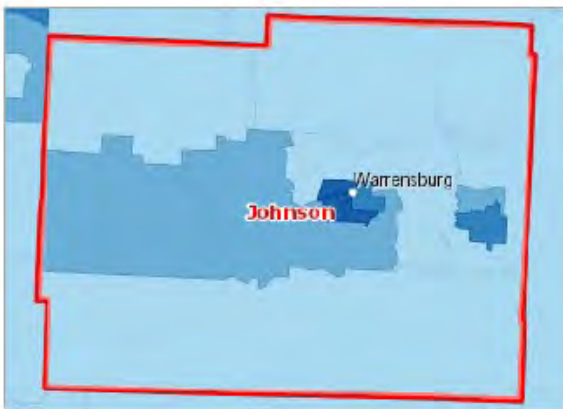
## Housing Cost Burden (30%)

This indicator reports the percentage of the households where housing costs are 30% or more of total household income. This indicator provides information on the cost of monthly housing expenses for owners and renters. The information offers a measure of housing affordability and excessive shelter costs. The data also serve to aid in the development of housing programs to meet the needs of people at different economic levels. Of the 19,931 total households in the report area, 5,176 or 25.97% of the population live in cost burdened households.

Report Area	Total Households	Cost Burdened Households (Housing Costs Exceed 30% of Income)	Cost Burdened Households, Percent
Johnson County, MO	19,931	5,176	25.97%
Missouri	2,440,212	610,831	25.03%
United States	122,354,219	37,128,748	30.35%



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



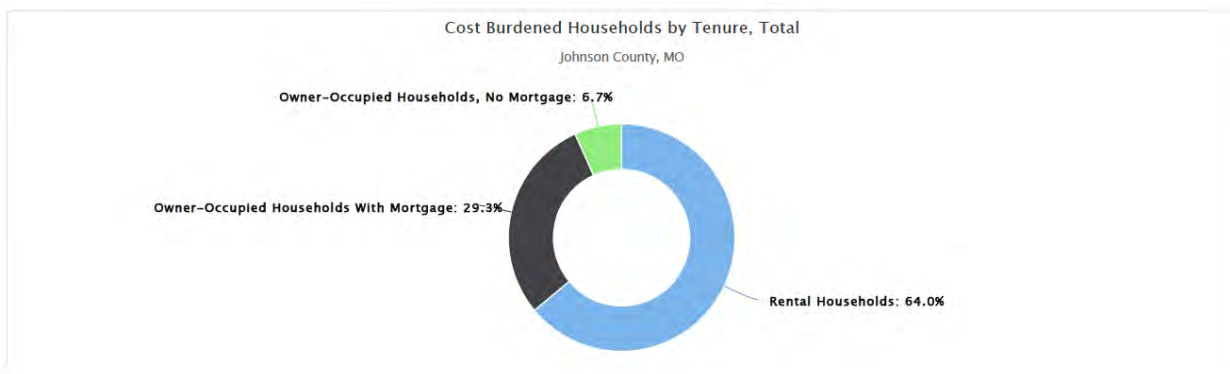
Cost Burdened Households (Housing Costs Exceed 30% of Household Income), Percent by Tract, ACS 2016-20

- Over 35.1%
- 28.1 - 35.0%
- 21.1 - 28.0%
- Under 21.1%
- No Data or Data Suppressed
- Johnson County, MO

### Cost Burdened Households by Tenure, Total

These data show the number of households that spend more than 30% of the household income on housing costs. In the report area, there were 5,176 cost burdened households according to the U.S. Census Bureau American Community Survey (ACS) 2016-2020 5-year estimates. The data for this indicator is only reported for households where household housing costs and income earned was identified in the American Community Survey.

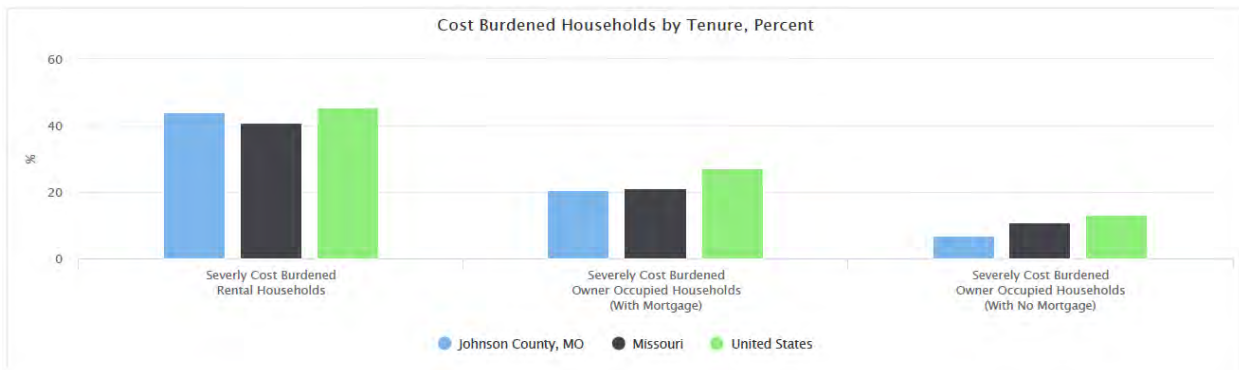
Report Area	Cost Burdened Households	Cost Burdened Rental Households	Cost Burdened Owner Occupied Households (With Mortgage)	Cost Burdened Owner Occupied Households (With No Mortgage)
Johnson County, MO	5,176	3,311	1,517	348
Missouri	610,831	328,688	213,128	69,015
United States	37,128,748	19,886,052	13,344,089	3,898,607



## Cost Burdened Households by Tenure, Percent

These data show the percentage of households by tenure that are cost burdened. Cost burdened rental households (those that spent more than 30% of the household income on rental costs) represented 44.19% of all of the rental households in the report area, according to the U.S. Census Bureau American Community Survey (ACS) 2016-2020 5-year estimates. The data for this indicator is only reported for households where tenure, household housing costs, and income earned was identified in the American Community Survey.

Report Area	Rental Households	Percentage of Rental Households that are Cost Burdened	Owner Occupied Households (With Mortgage)	Percentage of Owner Occupied Households w/ Mortgages that are Cost Burdened	Owner Occupied Households (No Mortgage)	Percentage of Owner Occupied Households w/o Mortgages that are Cost Burdened
Johnson County, MO	7,492	44.19%	7,333	20.69%	5,106	6.82%
Missouri	802,838	40.94%	1,001,563	21.28%	635,811	10.85%
United States	43,552,843	45.66%	48,974,364	27.25%	29,827,012	13.07%

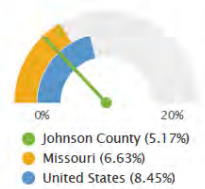


## Households with No Motor Vehicle

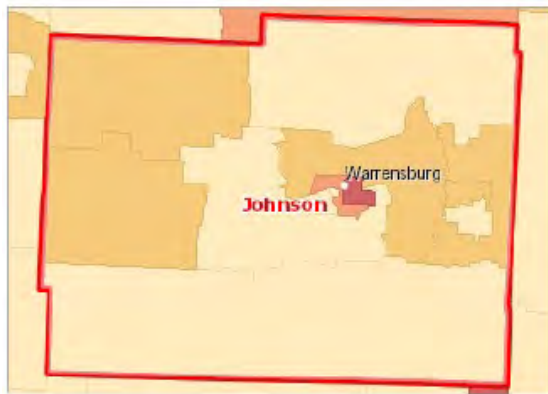
This indicator reports the number and percentage of households with no motor vehicle based on the latest 5-year American Community Survey estimates. Of the 19,931 total households in the report area, 1,030 or 5.17% are without a motor vehicle.

Report Area	Total Occupied Households	Households with No Motor Vehicle	Households with No Motor Vehicle, Percent
Johnson County, MO	19,931	1,030	5.17%
Missouri	2,440,212	161,814	6.63%
United States	122,354,219	10,344,521	8.45%

Percentage of Households with No Motor Vehicle



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

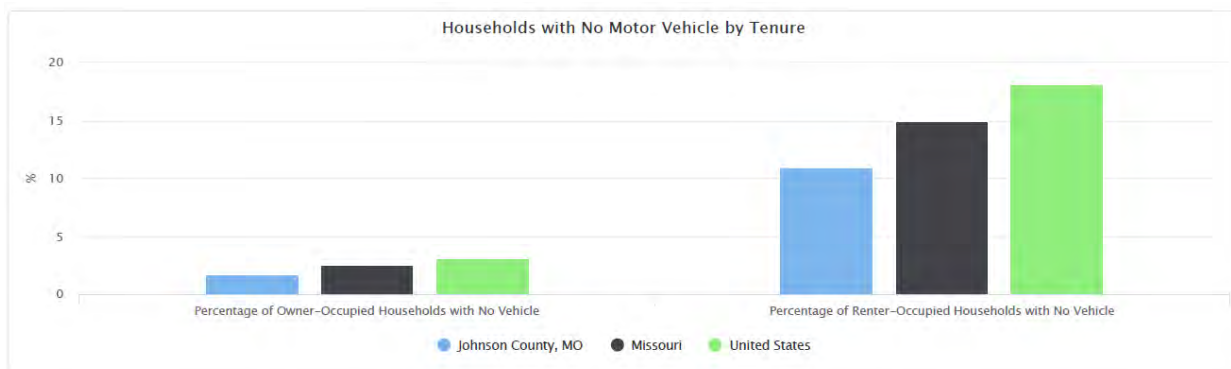


Households with No Vehicle, Percent by Tract, ACS 2016-20



## Households with No Motor Vehicle by Tenure

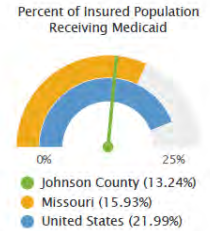
Report Area	Owner-Occupied Households	Owner-Occupied Households, Percent	Renter-Occupied Households	Renter-Occupied Households, Percent
Johnson County, MO	212	1.70%	818	10.92%
Missouri	42,125	2.57%	119,689	14.91%
United States	2,457,633	3.12%	7,886,888	18.11%



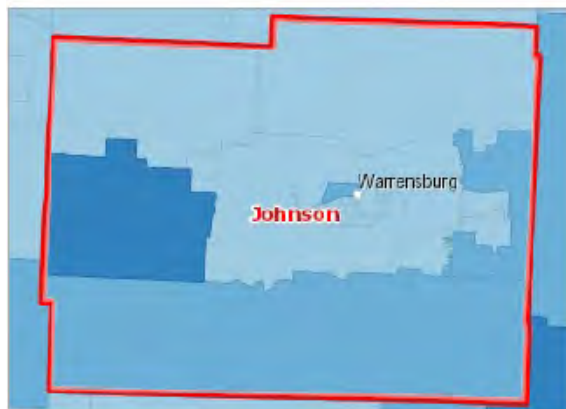
## Insurance - Population Receiving Medicaid

This indicator reports the percentage of the population with insurance enrolled in Medicaid (or other means-tested public health insurance). This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

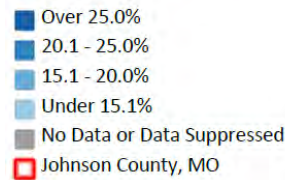
Report Area	Total Population (For Whom Insurance Status is Determined)	Population with Any Health Insurance	Population Receiving Medicaid	Percent of Insured Population Receiving Medicaid
Johnson County, MO	49,919	44,979	5,955	13.24%
Missouri	6,011,968	5,446,869	867,524	15.93%
United States	321,525,041	293,466,138	64,526,347	21.99%



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

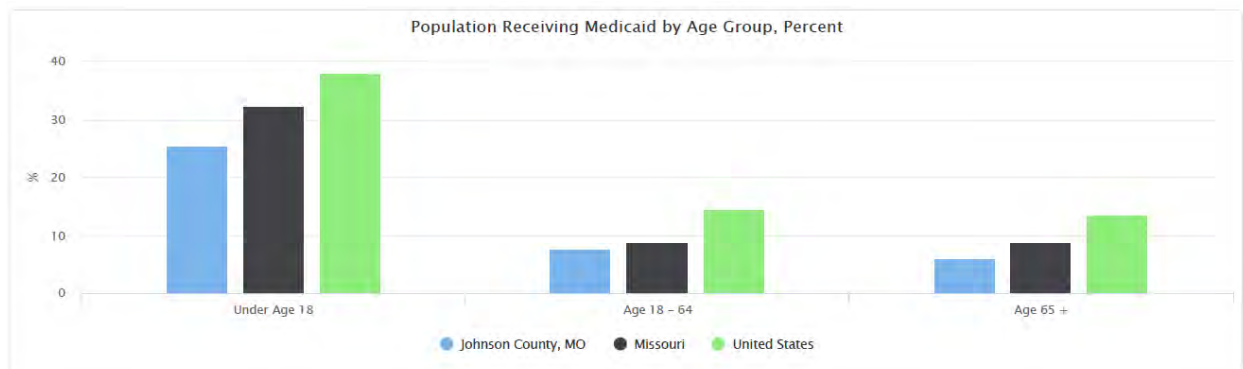


Insured, Medicaid / Means-Tested Coverage, Percent by Tract, ACS 2016-20



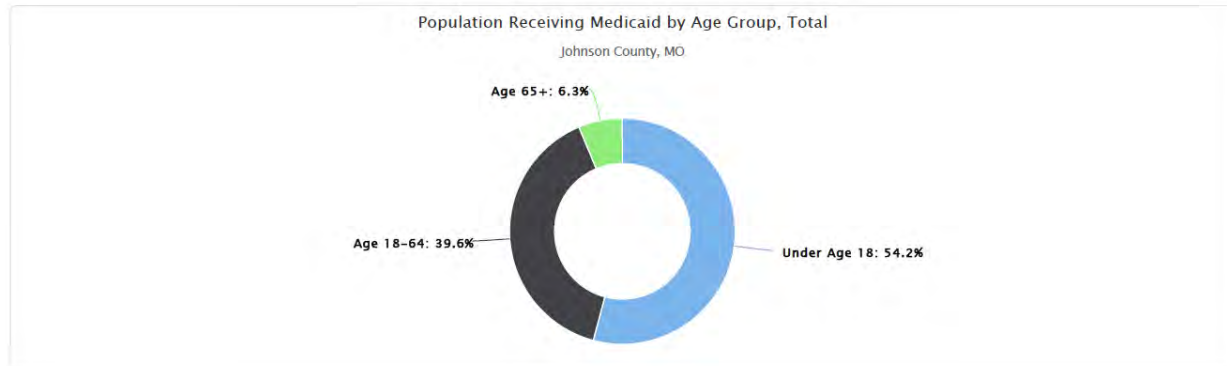
## Population Receiving Medicaid by Age Group, Percent

Report Area	Under Age 18	Age 18 - 64	Age 65 +
Johnson County, MO	25.41%	7.62%	5.94%
Missouri	32.25%	8.74%	8.76%
United States	37.87%	14.65%	13.49%



## Population Receiving Medicaid by Age Group, Total

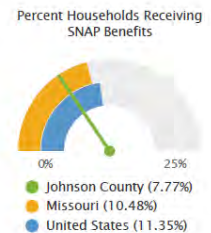
Report Area	Under Age 18	Age 18-64	Age 65+
Johnson County, MO	3,225	2,356	374
Missouri	469,156	311,101	87,267
United States	29,379,098	28,258,287	6,888,962



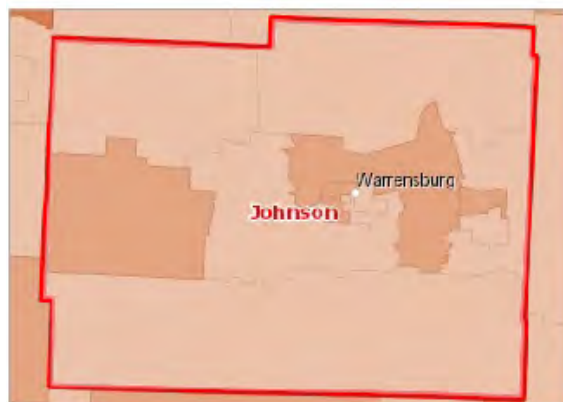
## Population Receiving SNAP Benefits (ACS)

In the report area, an estimate 1,548 or 7.77% households receive Supplemental Nutrition Assistance Program (SNAP) benefits. The value for the report area is less than the national average of 11.35%. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

Report Area	Total Households	Households Receiving SNAP Benefits	Percent Households Receiving SNAP Benefits
Johnson County, MO	19,931	1,548	7.77%
Missouri	2,440,212	255,682	10.48%
United States	122,354,219	13,892,407	11.35%



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



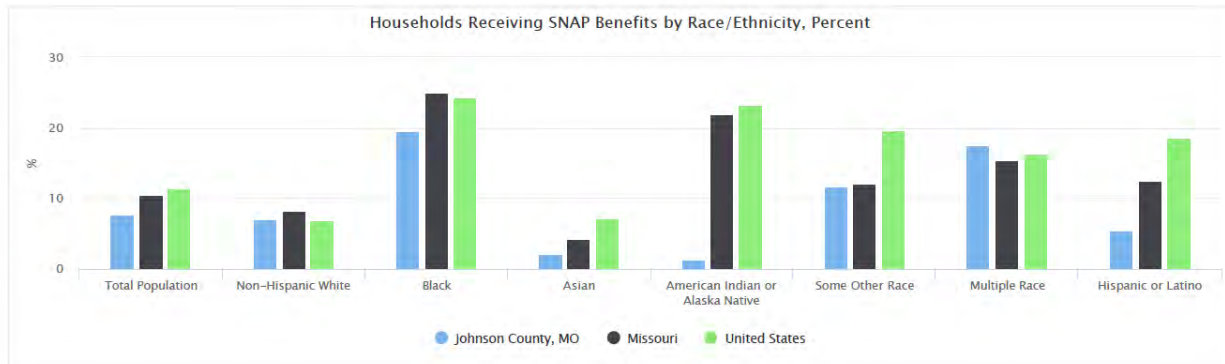
### Households Receiving SNAP Benefits, Percent by Tract, ACS 2016-20

- Over 19.0%
- 14.1 - 19.0%
- 9.1 - 14.0%
- Under 9.1%
- No Data or Data Suppressed
- Johnson County, MO



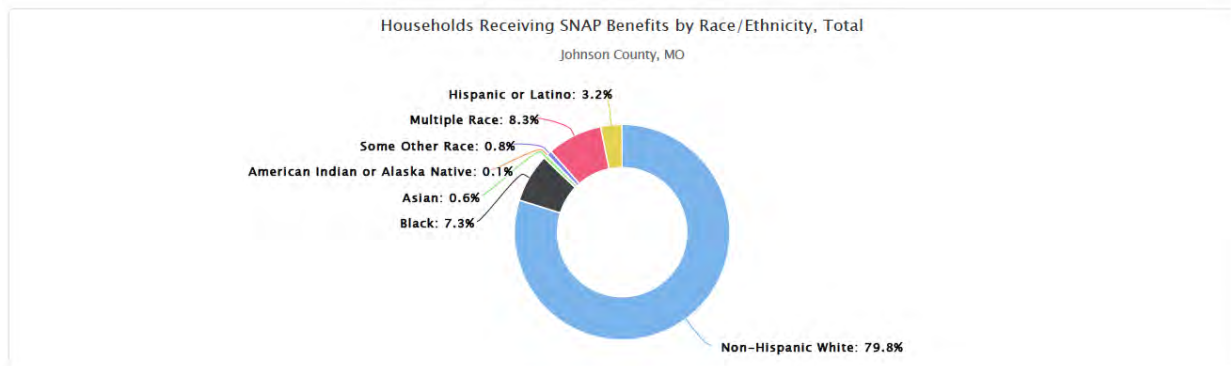
### Households Receiving SNAP Benefits by Race/Ethnicity, Percent

Report Area	Total Population	Non-Hispanic White	Black	Asian	American Indian or Alaska Native	Some Other Race	Multiple Race	Hispanic or Latino
Johnson County, MO	7.77%	6.93%	19.49%	2.14%	1.37%	11.76%	17.50%	5.47%
Missouri	10.48%	8.16%	24.99%	4.27%	21.87%	12.00%	15.44%	12.46%
United States	11.35%	6.86%	24.38%	7.10%	23.34%	19.65%	16.33%	18.53%



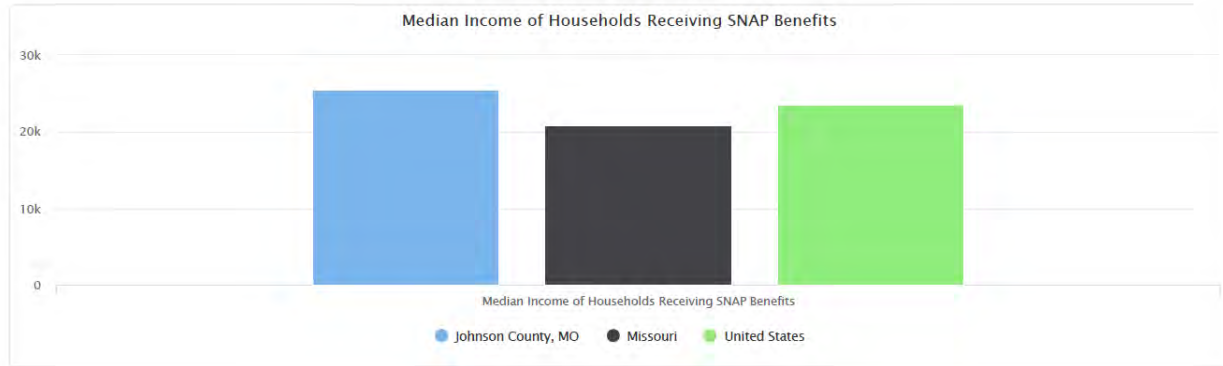
### Households Receiving SNAP Benefits by Race/Ethnicity, Total

Report Area	Non-Hispanic White	Black	Asian	American Indian or Alaska Native	Some Other Race	Multiple Race	Hispanic or Latino
Johnson County, MO	1,245	114	9	1	12	129	50
Missouri	165,985	68,649	1,830	2,043	2,447	8,860	9,164
United States	6,270,178	3,662,362	422,674	204,101	898,603	713,154	3,041,471



## Median Income of Households Receiving SNAP Benefits

Report Area	Median Income of Households Receiving SNAP Benefits
Johnson County, MO	\$25,583
Missouri	\$20,830
United States	\$23,576

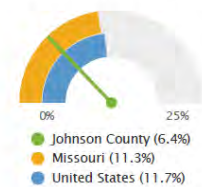


## Population Receiving SNAP Benefits (SAIPE)

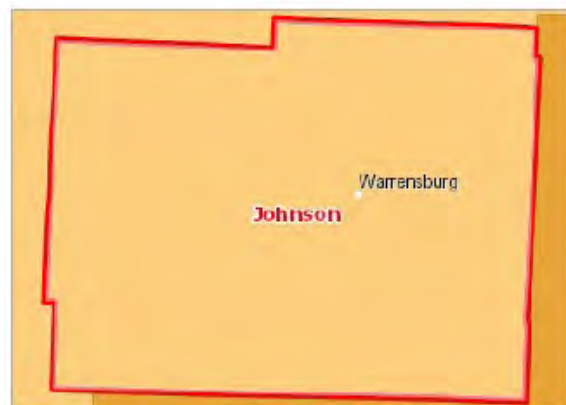
The Supplemental Nutrition Assistance Program, or SNAP, is a federal program that provides nutrition benefits to low-income individuals and families that are used at stores to purchase food. This indicator reports the average percentage of the population receiving SNAP benefits during the month of July during the most recent report year.

Report Area	Total Population	Population Receiving SNAP Benefits	Population Receiving SNAP Benefits, Percent
Johnson County, MO	54,062.00	3,484	6.4%
Missouri	6,137,428.00	693,675	11.3%
United States	328,239,523.00	38,537,386	11.7%

Percentage of Total Population Receiving SNAP Benefits



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, Small Area Income and Poverty Estimates, 2019. Source geography: County



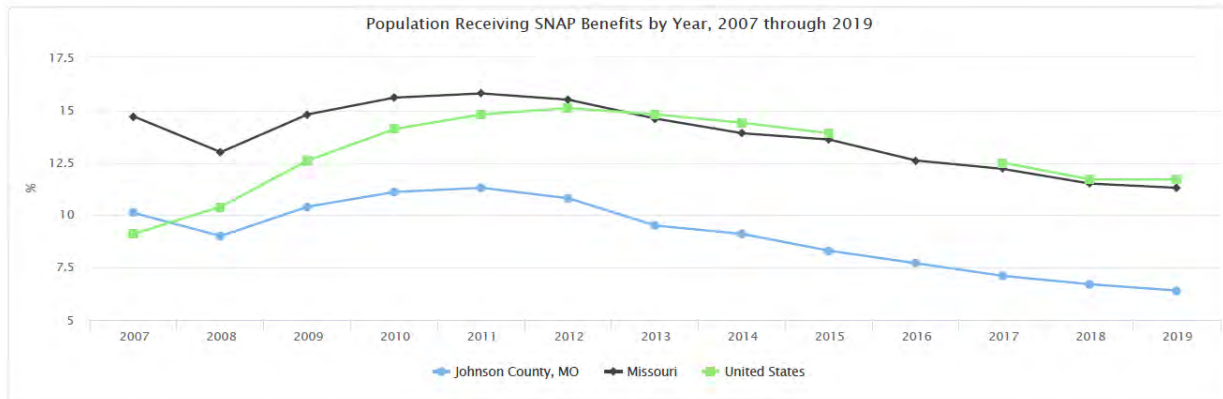
Population Receiving SNAP Benefits, Percent by County, SAIPE 2019

- Over 22.0%
- 14.1 - 22.0%
- 6.1 - 14.0%
- Under 6.1%
- No Data or Data Suppressed
- Johnson County, MO

## Population Receiving SNAP Benefits by Year, 2007 through 2019

The table below reports local, state, and National trends in SNAP participation rates.

Report Area	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Johnson County, MO	10.1%	9.0%	10.4%	11.1%	11.3%	10.8%	9.5%	9.1%	8.3%	7.7%	7.1%	6.7%	6.4%
Missouri	14.7%	13.0%	14.8%	15.6%	15.8%	15.5%	14.6%	13.9%	13.6%	12.6%	12.2%	11.5%	11.3%
United States	9.1%	10.4%	12.6%	14.1%	14.8%	15.1%	14.8%	14.4%	13.9%	No data	12.5%	11.7%	11.7%



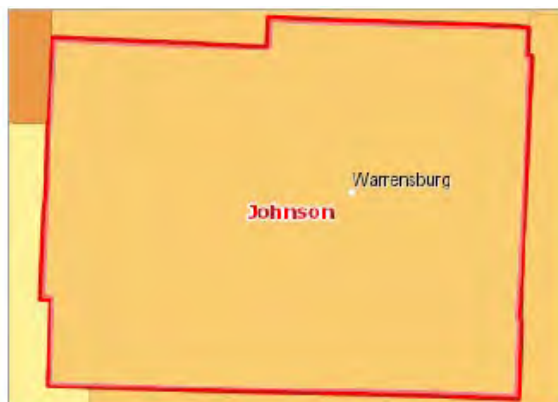
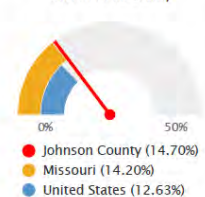
## Food Insecurity Rate

This indicator reports the estimated percentage of the population that experienced food insecurity at some point during the report year. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food.

Report Area	Total Population	Food Insecure Population, Total	Food Insecurity Rate
Johnson County, MO	54,082	7,950	<b>14.70%</b>
Missouri	6,094,366	865,400	14.20%
United States	325,717,422	41,133,950	12.63%

Note: This indicator is compared to the state average.  
Data Source: Feeding America, 2017. Source geography: County

Percentage of Total Population with Food Insecurity



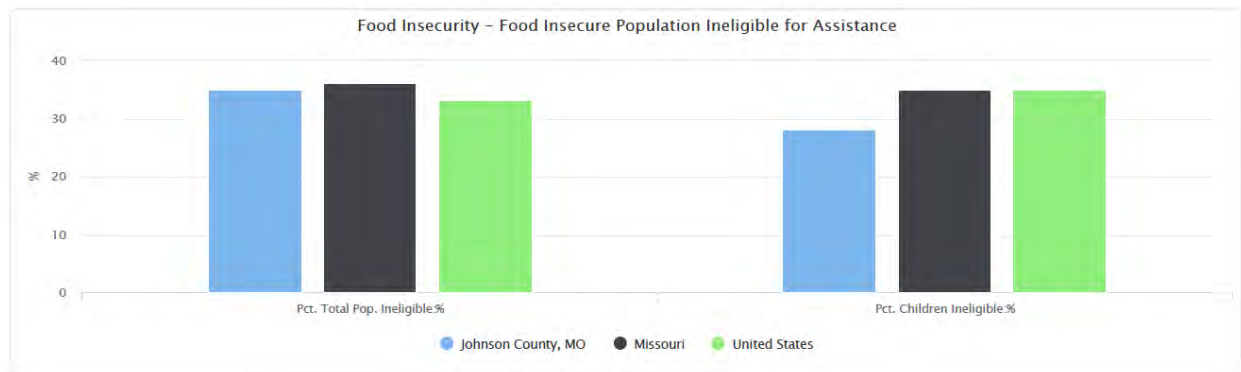
Food Insecure Population, Percent by County, Feeding America 2017

- Over 18.0%
- 15.1 - 18.0%
- 12.1 - 15.0%
- Under 12.1%
- Johnson County, MO

### Food Insecurity - Food Insecure Population Ineligible for Assistance

This indicator reports the estimated percentage of the total population and the population under age 18 that experienced food insecurity at some point during the report year, but are ineligible for State or Federal nutrition assistance. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food. Assistance eligibility is determined based on household income of the food insecure households relative to the maximum income-to-poverty ratio for assistance programs (SNAP, WIC, school meals, CSFP and TEFAP).

Report Area	Food Insecure Population	Food Insecure Population Ineligible for Assistance, Percent	Food Insecure Children	Food Insecure Children Ineligible for Assistance, Percent
Johnson County, MO	7,950	35.00%	1,940	28.00%
Missouri	865,400	36.00%	243,110	35.00%
United States	41,133,950	33.00%	13,411,620	35.00%



### Food Insecurity - Food Insecure Children

This indicator reports the estimated percentage of the population under age 18 that experienced food insecurity at some point during the report year. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food.

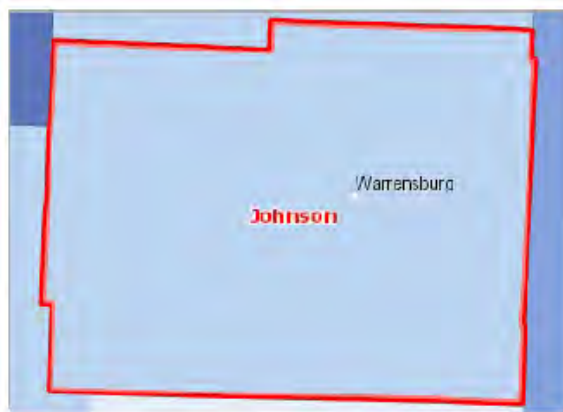
Report Area	Population Under Age 18	Food Insecure Children, Total	Child Food Insecurity Rate
Johnson County, MO	11,758	1,940	16.50%
Missouri	481,834	87,694	18.20%
United States	73,641,039	13,411,620	18.21%

## Racial Diversity (Theil Index)

This indicator measures the spatial distribution or evenness of population demographic groups in neighborhoods throughout the county. This indicator is presented as an index with values ranging between 0 and 1, with higher values indicating higher levels of segregation between neighborhoods.

Report Area	Non-Hispanic White Population	Non-Hispanic Black Population	Non-Hispanic Asian Population	Non-Hispanic AI / AN Population	Non-Hispanic NH / PI Population	Hispanic or Latino Population	Diversity Index
Johnson County, MO	87.76	4.56	1.62	0.51	0.41	5.13	0.08
Missouri	80.07	11.89	2.27	0.40	0.16	5.20	0.62
United States	60.01	12.50	6.14	0.70	20.42	0.19	0.36

Data Source: US Census Bureau, Decennial Census. University of Missouri, Center for Applied Research and Engagement Systems. 2020. Source geography: Block Group



Racial Segregation (Theil Index) by County, US Census 2020

- 0.301 - 1.000 (High Segregation)
- 0.201 - 0.300
- 0.101 - 0.200
- 0.051 - 0.100
- 0.000 - 0.050 (Low Segregation)
- Johnson County, MO

## Racial Segregation (Interaction Index)

This indicator measures the spatial segregation of population demographic groups. The indicator is presented as an index with values ranging between 0 and 1, with higher values indicating greater levels of segregation. This indicator specifically measures segregation between the White (Non-Hispanic) and Black (Non-Hispanic) population.

Report Area	Total Population	Non-Hispanic White Population	Non-Hispanic Black Population	Segregation Index
Johnson County, MO	54,083	47,484	2,728	0.83
Missouri	6,122,463	4,947,306	736,574	No data
United States	318,575,855	201,856,108	40,123,525	No data

Data Source: US Census Bureau, Decennial Census. University of Missouri, Center for Applied Research and Engagement Systems. 2010. Source geography: County



Racial Segregation (Interaction Index), White - Black by County, US Census 2010

- Over 50.0 (High Interaction)
- 8.1 - 50.0
- 2.1 - 8.0
- Under 2.1 (Low Interaction)
- No Black Population
- Johnson County, MO

## Social Capital Index

Social capital is a measure of economic benefits gained from cooperation between individuals and groups. The indicator measures each county's social capital as an index relative to all other counties in the United States. An index score of less than 0 indicates lower economic benefits while a score of more than 0 indicates higher economic benefits from cooperation between individuals and groups.

Report Area	Total Population (2014)	Associations, Rate per 100,000 Population (2014)	Total Not-for-Profit Associations (2014)	Census Mail-In Response Rate (2010)	Average Voter Turnout Rate (2012)	Social Capital Index < 0 = Low > 0 = High
Johnson County, MO	54,410	9.6	234	76.00	63.27	-0.80
Missouri	6,063,827	11.64	32,723	75.04	65.88	No data
United States	318,901,112	9.36	1,454,903	74.21	67.64	No data

Data Source: Pennsylvania State University, College of Agricultural Sciences, Northeast Regional Center for Rural Development, 2014. Source geography: County



Social Capital Index by County, NERC RD 2014

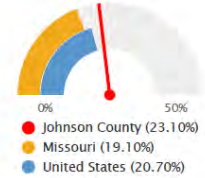
- +1.01 - +20.0 (High Social Capital)
- +0.01 - +1.00
- -0.01 - -1.00
- -1.01 - -20.0 (Low Social Capital)
- No Data or Data Suppressed
- Johnson County, MO

## Lack of Social or Emotional Support

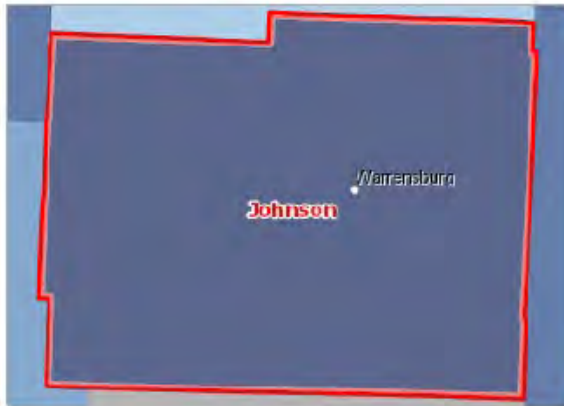
This indicator reports the percentage of adults aged 18 and older who self-report that they receive insufficient social and emotional support all or most of the time. This indicator is relevant because social and emotional support is critical for navigating the challenges of daily life as well as for good mental health. Social and emotional support is also linked to educational achievement and economic stability.

Report Area	Total Population Age 18+	Estimated Population Without Adequate Social / Emotional Support	Crude Percentage	Age-Adjusted Percentage
Johnson County, MO	40,483.00	9,433	23.30%	<b>23.10%</b>
Missouri	4,532,155.00	865,642	19.10%	19.10%
United States	232,556,016.00	48,104,656	20.70%	20.70%

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



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 Health Indicators Warehouse. US Department of Health & Human Services, Health Indicators Warehouse, 2006-12. Source geography: County



Inadequate Social/Emotional Support, Percent of Adults Age 18+ by County, CDC BRFSS 2006-12

- Over 23.0%
- 19.1 - 23.0%
- 15.1 - 19.0%
- Under 15.1%
- No Data or Data Suppressed
- Johnson County, MO

# County Health Rankings Report

## Location

Johnson County, MO

## Health Factors - Behaviors

### Adult Smoking

This indicator reports the percentage of adults who report that they smoke most days or every day.

County	Percent of Adults Who Smoke	Adult Smoking Quintile	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	20.0	1	12	1

Data Source: University of Wisconsin Population Health Institute, [County Health Rankings](#), 2021. Source geography: County



Adult Smoking, Rank by County, CHR 2021

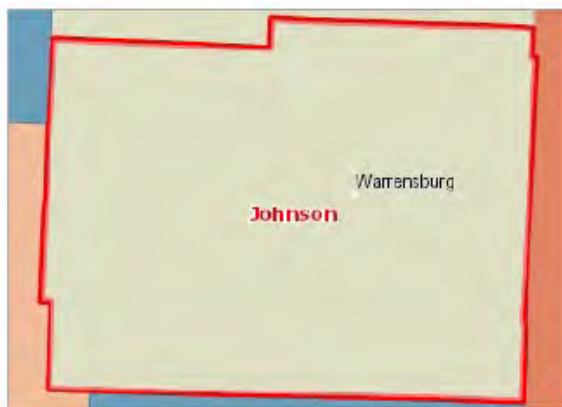
- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

### Adult Obesity

Percentage of the adult population (age 20 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2.

County	Percent of Adults Who Are Obese	Adult Obesity Quintile	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	33.0	3	12	1

Data Source: University of Wisconsin Population Health Institute, [County Health Rankings](#), 2021. Source geography: County



Adult Obesity (BMI >= 30), Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

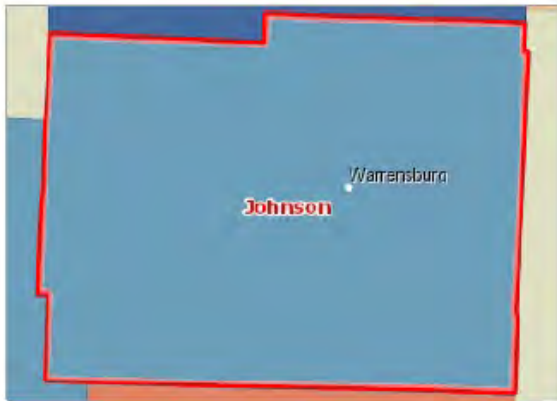


## Food Environment Index

The USDA Food Environment Index measures factors that contribute to a healthy food environment. The index ranges from 0 (worst) to 10 (best).

County	USDA Food Environment Index	Food Environment Index Quintile	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	7.8	2	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings, 2021*. Source geography: County



Food Environment Index, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Physical Inactivity

Percentage of adults age 20 and over reporting no leisure-time physical activity.

County	Percent of Adults Who Are Physically Inactive	Physical Inactivity Quintile	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	29.0	3	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings, 2021*. Source geography: County



Physical Inactivity, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Access to Exercise Opportunities

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

County	Percent of Adults with Access to Exercise Opportunities	Access to Exercise Opportunities Quintile	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	49.0	4	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Access to Exercise Opportunities, Rank by County, CHR 2021

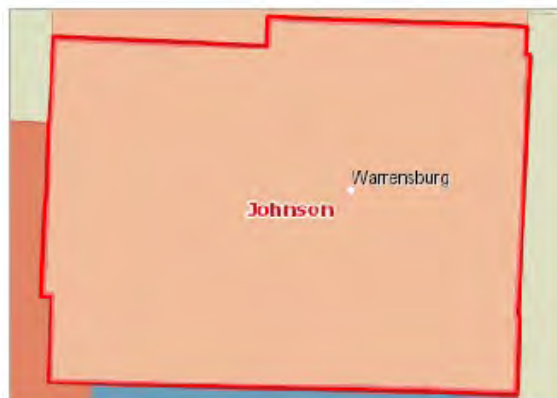
- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Food Insecurity

Percentage of population who lack adequate access to food. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Population without Adequate Food Access	Percent without Adequate Food Access	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	6,730	13.0	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Food Insecurity, Percent of Population by County, CHR 2021

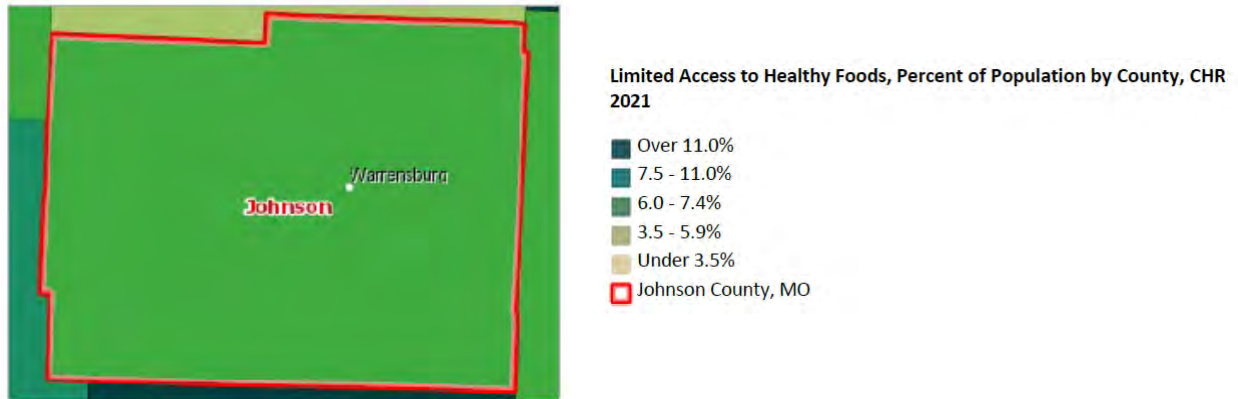
- Over 17.0%
- 15.0 - 17.0%
- 13.5 - 14.9%
- 12.0 - 13.4%
- Under 12.0%
- Johnson County, MO

### Limited Access to Healthy Foods

Percentage of population who are low-income and do not live close to a grocery store. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Population with Limited Access to Healthy Foods	Percent with Limited Access to Healthy Foods	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	3,188	6.0	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*, 2021. Source geography: County

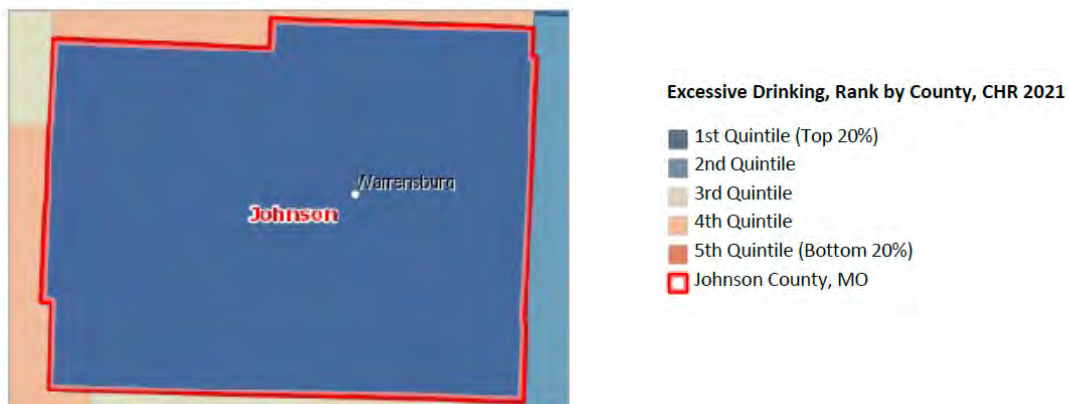


### Excessive Drinking

Percentage of adults reporting binge or heavy drinking

County	Percent of Adults Reporting Excessive Drinking	Excessive Drinking Quintile	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	18.0	1	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*, 2021. Source geography: County



## Alcohol-Impaired Driving Deaths

Percentage of driving deaths with alcohol involvement.

County	Percent of Motor Vehicle Deaths Involving Alcohol	Alcohol-Impaired Driving Deaths Quintile	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	18.0	2	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Alcohol-Impaired Driving Deaths, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Drug Overdose Deaths

Number of drug poisoning deaths per 100,000 population. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Drug Poisoning Deaths	Drug Poisoning Deaths per 100,000	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	10	6.0	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Drug Overdose Deaths, Adult, Percent of Adults Age 18+ by County, CDC BRFSS 2021

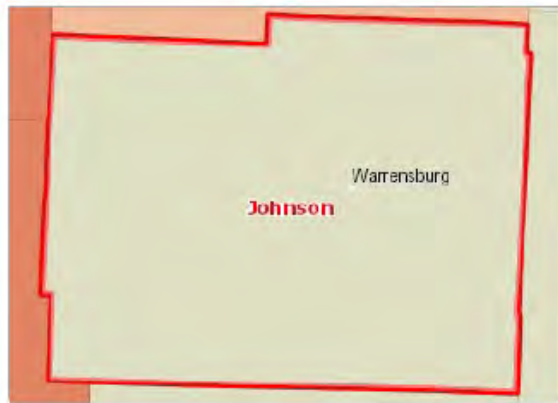
- Over 27.0
- 23.0 - 27.0
- 18.0 - 22.9
- 14.0 - 17.9
- Under 14.0
- No Data or Data Suppressed
- Johnson County, MO

## Motor Vehicle Crash Deaths

Number of motor vehicle crash deaths per 100,000 population. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Motor Vehicle Crash Deaths	Motor Vehicle Crash Deaths per 100,000	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	70	18.0	12	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



Motor Vehicle Crash Deaths, Rate Per 100,000 by County, CDC NVSS 2021

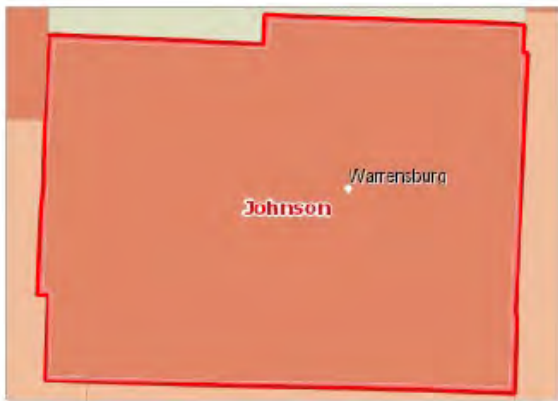
- Over 26.0%
- 22.0 - 26.0%
- 18.0 - 21.9%
- 14.0 - 17.9%
- Under 14.0%
- No Data or Data Suppressed
- Johnson County, MO

## Sexually Transmitted Infections

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

County	Chlamydia Cases per 100,000	Sexually Transmitted Infections Quintile	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	760.7	5	12	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



Sexually Transmitted Infections (Chlamydia), Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Teen Births

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

County	Teen Births per 1,000	Teen Births Quintile	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	15.0	1	12	1

Data Source: University of Wisconsin Population Health Institute, [County Health Rankings](#). 2021. Source geography: County



Teen Births, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Insufficient Sleep

Percentage of adults who report fewer than 7 hours of sleep on average. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Percent with Insufficient Sleep	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	35.0	12	1

Data Source: University of Wisconsin Population Health Institute, [County Health Rankings](#). 2021. Source geography: County



Insufficient Sleep, Percentage of Adults Averaging <7 Hours per Night by County, CDC BRFSS 2021

- Over 36.6%
- 36.2 - 36.6%
- 35.5 - 36.1%
- 34.8 - 35.4%
- Under 34.8%
- Johnson County, MO

## Health Behaviors Rank

The Health Behaviors Rank is a weighted combination of Adult Smoking, Adult Obesity, Food Environment Index, Physical Inactivity, Access to Exercise Opportunities, Excessive Drinking, Alcohol-Impaired Driving Deaths, Sexually Transmitted Infections, and Teen Birth factors.

County	Health Behaviors Rank (of 115)	Health Behaviors Quintile
Johnson	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Health Behaviors, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Health Factors - Clinical Care

### Primary Care Physicians

The ratio of population to primary care physicians.

County	Persons per Primary Care Physician	Primary Care Physician Quintile	Clinical Care Rank (of 115)	Clinical Care Quintile
Johnson	2555:1	3	22	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Access to Primary Care Physicians, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Dentists

The ratio of population to dentists.

County	Persons per Dentist	Dentist Quintile	Clinical Care Rank (of 115)	Clinical Care Quintile
Johnson	2162:1	2	22	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



Access to Dentists, Rank by County, CHR 2021

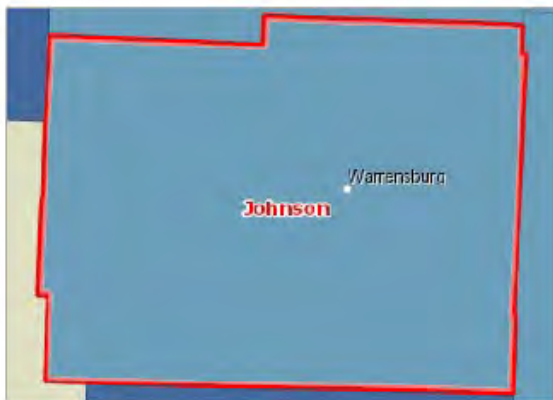
- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Mental Health Providers

The ratio of population to mental health providers.

County	Persons per Mental Health Provider	Mental Health Provider Quintile	Clinical Care Rank (of 115)	Clinical Care Quintile
Johnson	667:1	2	22	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



Access to Mental Health Care Providers, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

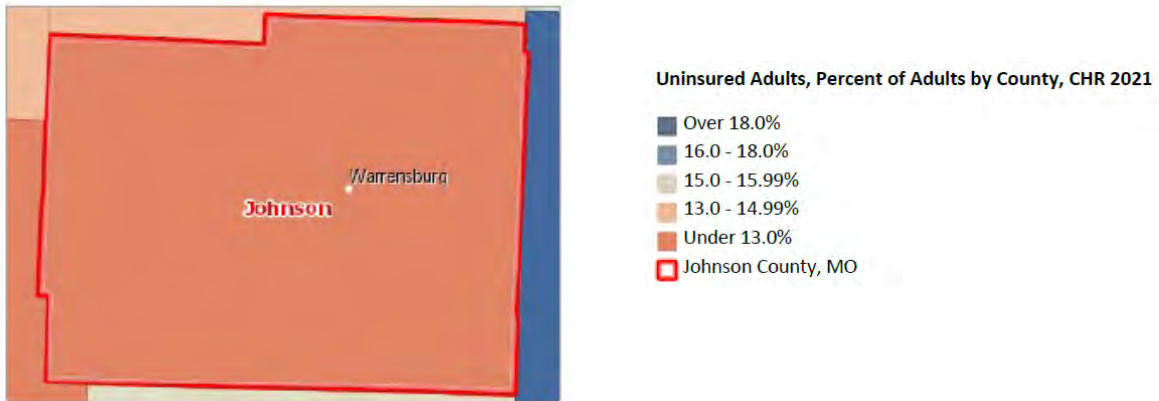


## Uninsured Adults

Percentage of adults under age 65 without health insurance. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Adults without Health Insurance	Percent Adults without Health Insurance	Clinical Care Rank (of 115)	Clinical Care Quintile
Johnson	3,959	12.0	22	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County

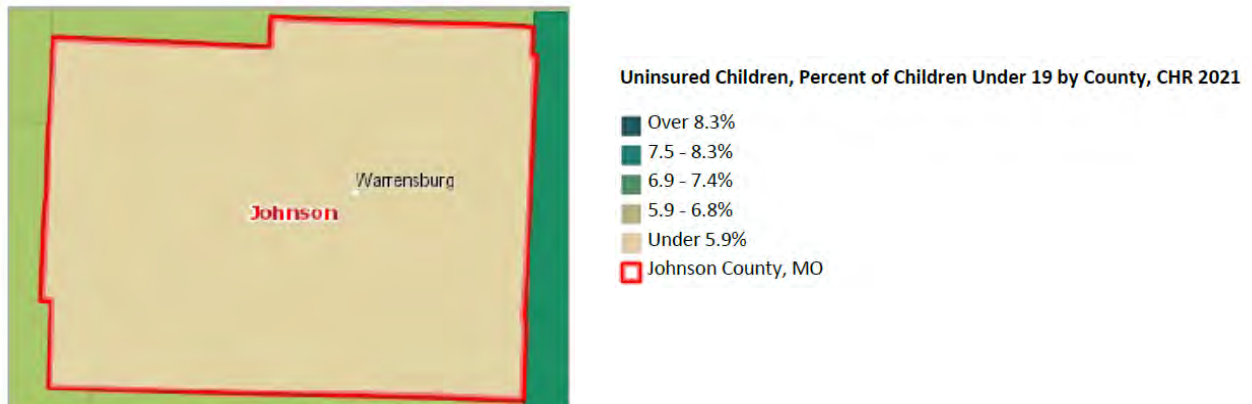


## Uninsured Children

Percentage of children under age 19 without health insurance. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Children without Health Insurance	Percent Children without Health Insurance	Clinical Care Rank (of 115)	Clinical Care Quintile
Johnson	638	5.0	22	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County

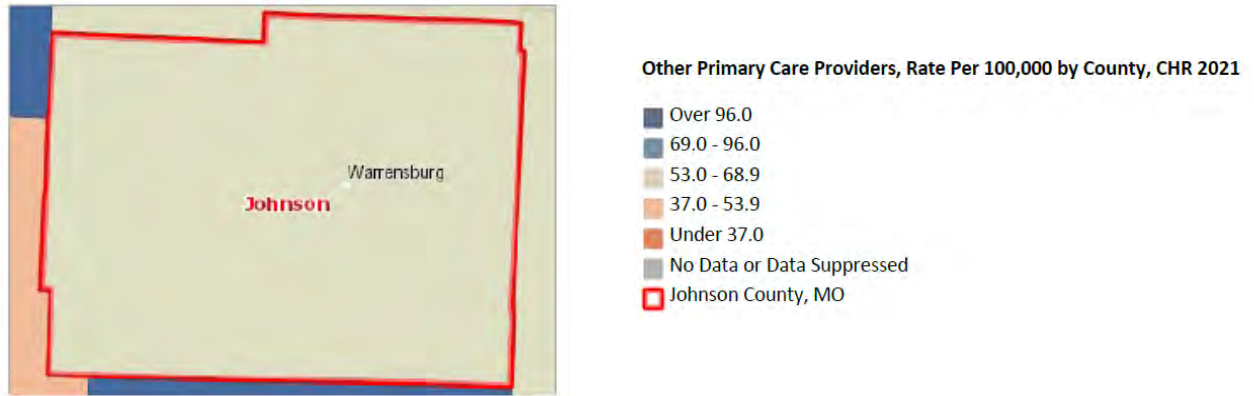


### Other Primary Care Providers

Ratio of population to primary care providers other than physicians. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Ratio of Population to Other Primary Care Provider	Other Primary Care Providers per 100,000	Clinical Care Rank (of 115)	Clinical Care Quintile
Johnson	1502:1	67.0	22	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County

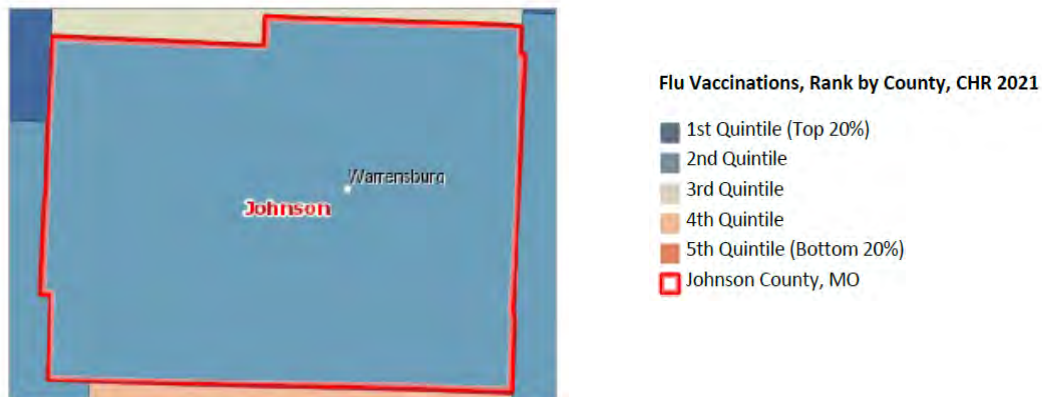


### Flu Vaccinations

Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.

County	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination	Flu Vaccination Quintile	Clinical Care Rank (of 115)	Clinical Care Quintile
Johnson	44.0	2	22	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



## Mammography Screening

Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening.

County	Percent with Annual Mammography Screenings	Mammography Screening Quintile	Clinical Care Rank (of 115)	Clinical Care Quintile
Johnson	39.0	3	22	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



Mammography Screening, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Clinical Care Factors Rank

The Clinical Care Rank is a weighted combination of Uninsured, Primary Care Physicians, Dentists, Mental Health Providers, Preventable Hospital Stays, and Mammography Screening factors.

County	Clinical Care Rank (of 115)	Clinical Care Quintile
Johnson	22	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



Clinical Care, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

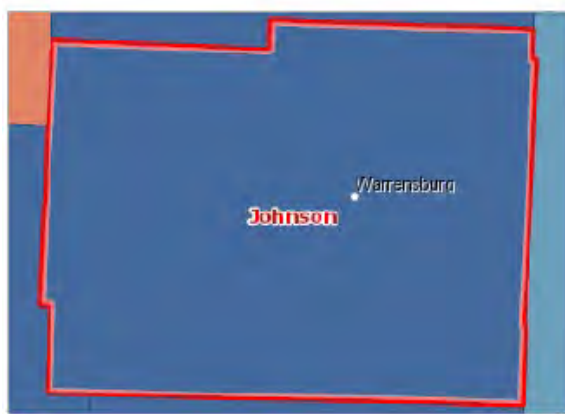
## Health Factors - Physical Environment

### Air Pollution - Particulate Matter

Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).

County	Average Daily Fine Particulates (PM2.5)	Particulate Matter Quintile	Physical Environment Rank (of 115)	Physical Environment Quintile
Johnson	7.6	1	85	4

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



Fine Particulate Matter (PM 2.5), Rank by County, CHR 2021

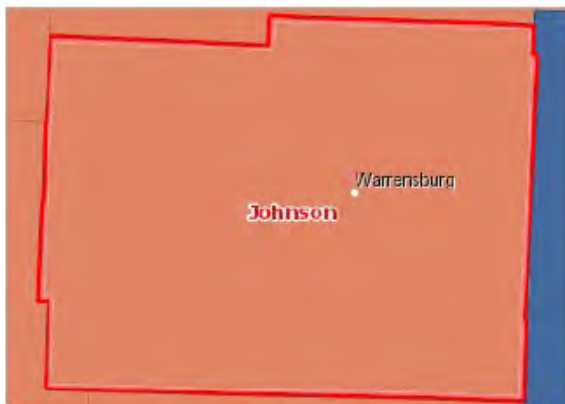
- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

### Drinking Water Violations

Indicator of the presence of health-related drinking water violations. Yes indicates the presence of a violation, No indicates no violation.

County	Drinking Water Violations Present	Drinking Water Violations Quintile	Physical Environment Rank (of 115)	Physical Environment Quintile
Johnson	Yes	5	85	4

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



Drinking Water Violations by County, CHR 2021

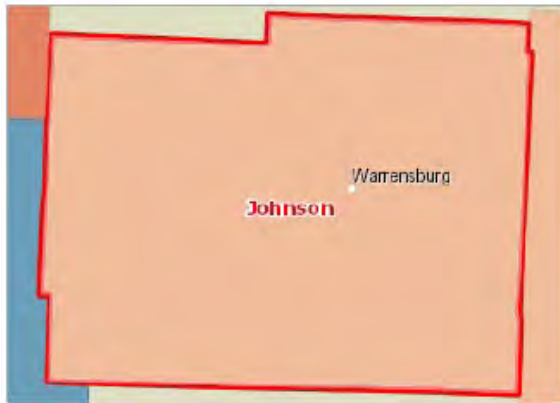
- No
- Yes
- Johnson County, MO

### Severe Housing Problems

Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, lack of kitchen facilities, or lack of plumbing facilities.

County	Percent with Severe Housing Problems	Severe Housing Problems Quintile	Physical Environment Rank (of 115)	Physical Environment Quintile
Johnson	15.0	4	85	4

Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2021. Source geography: County



Severe Housing Problems, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

### Driving Alone to Work

Percentage of the workforce that drives alone to work.

County	Percent Driving Alone	Percent Driving Alone Quintile	Physical Environment Rank (of 115)	Physical Environment Quintile
Johnson	81.0	3	85	4

Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2021. Source geography: County



Driving Alone to Work, Rank by County, CHR 2021

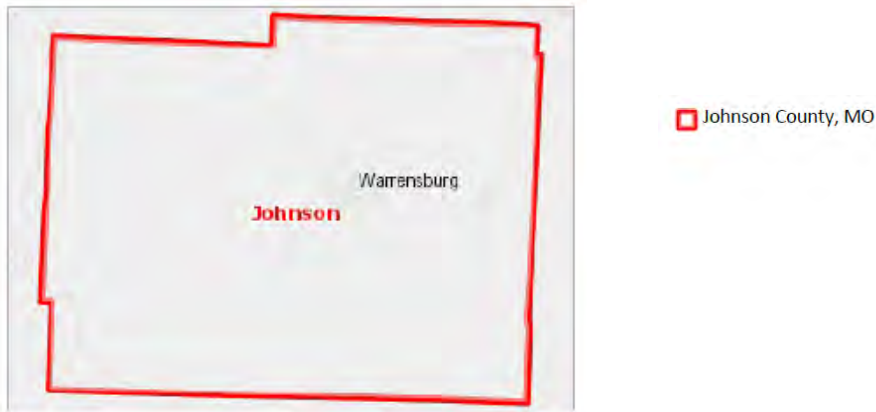
- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Long Commute - Driving Alone

Among workers who commute in their car alone, the percentage that commute more than 30 minutes.

County	Percent Long Commute Driving Alone	Percent Long Commute Driving Alone Quintile	Physical Environment Rank (of 115)	Physical Environment Quintile
Johnson	28.0	2	85	4

Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2021. Source geography: County

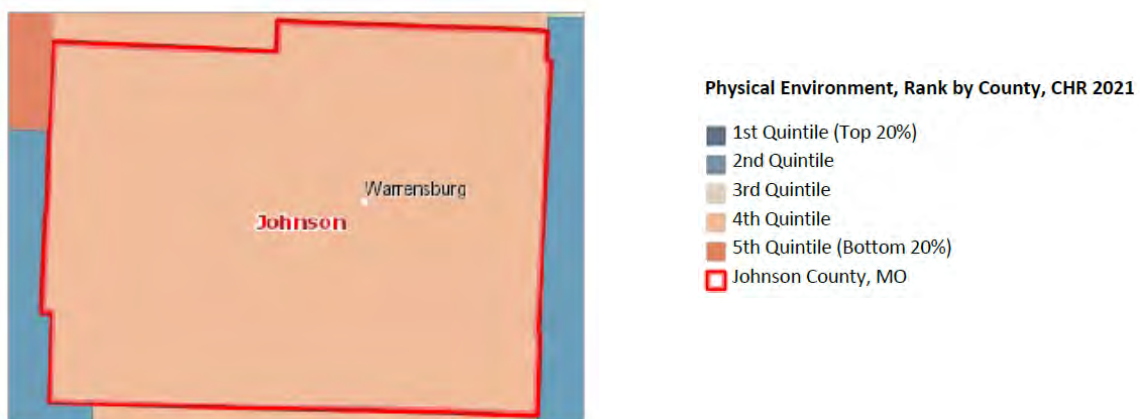


## Physical Environment Rank

The Physical Environment Rank is a weighted combination of Air Pollution - Particulate Matter, Drinking Water Violations, Severe Housing Problems, Driving Alone to Work, and Long Commute - Driving Alone factors.

County	Physical Environment Rank (of 115)	Physical Environment Quintile
Johnson	85	4

Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2021. Source geography: County



## Health Factors - Social and Economic

### Children in Poverty

Percentage of people under age 18 in poverty.

County	Percent Children in Poverty	Children in Poverty Quintile	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	12.0	1	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Children in Poverty, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

### Children in Single-Parent Households

Percentage of children that live in a household headed by single parent.

County	Percent Children in Single-Parent Households	Children in Single-Parent Households Quintile	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	15.0	1	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Single Parent Households, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Preventable Hospital Stays

Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.

County	Hospital Stays per 100,000 Medicare Enrollees	Preventable Hospital Stays Quintile	Clinical Care Rank (of 115)	Clinical Care Quintile
Johnson	4,006.0	2	22	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings, 2021*. Source geography: County



Preventable Hospital Stays, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Uninsured

Percentage of population under age 65 without health insurance.

County	Percent of Population Under 65 Uninsured	Uninsured Quintile	Clinical Care Rank (of 115)	Clinical Care Quintile
Johnson	10.0	1	22	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings, 2021*. Source geography: County



Uninsured Population, Age 0-64, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

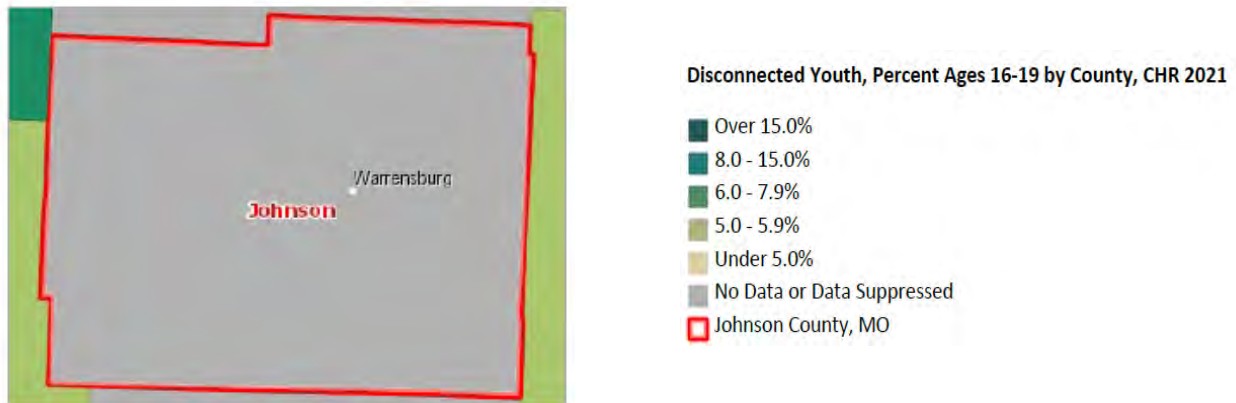


## Disconnected Youth

Percentage of teens and young adults ages 16-24 who are neither working nor in school. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Percent Disconnected Youth	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	No data	12	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County

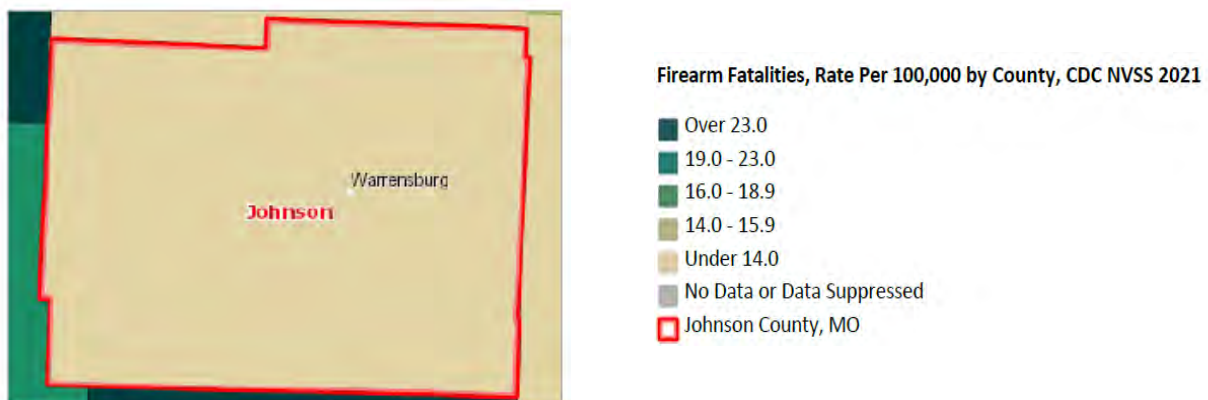


## Firearm Fatalities

Number of deaths due to firearms per 100,000 population. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Firearm-Related Deaths	Firearm-Related Deaths per 100,000 Population	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	33	12.0	12	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County

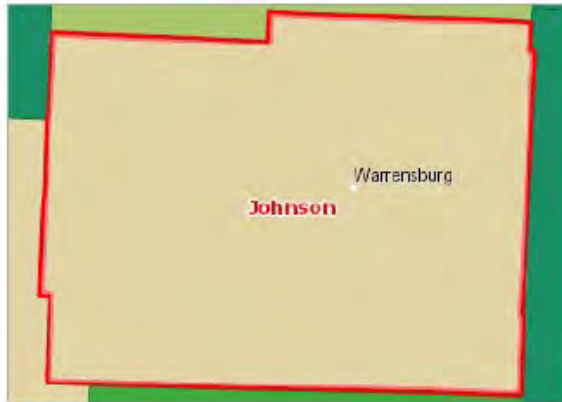


## Free and Reduced Price Lunch

Percentage of children enrolled in public schools that are eligible for free or reduced price lunch. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Percent Eligible for Free or Reduced Lunch	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	39.0	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Free/Reduced Lunch, Percent of Children by County, CHR 2021

- Over 66.0%
- 58.0 - 66.0%
- 51.0 - 57.9%
- 45.0 - 50.9%
- Under 45.0%
- Johnson County, MO

## High School Graduation

Percentage of ninth-grade cohort that graduates in four years.

County	Percent Graduating in Four Years	Percent Graduating in Four Years Quintile	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	92.0	1	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



High School Graduation, Rank by County, CHR 2021

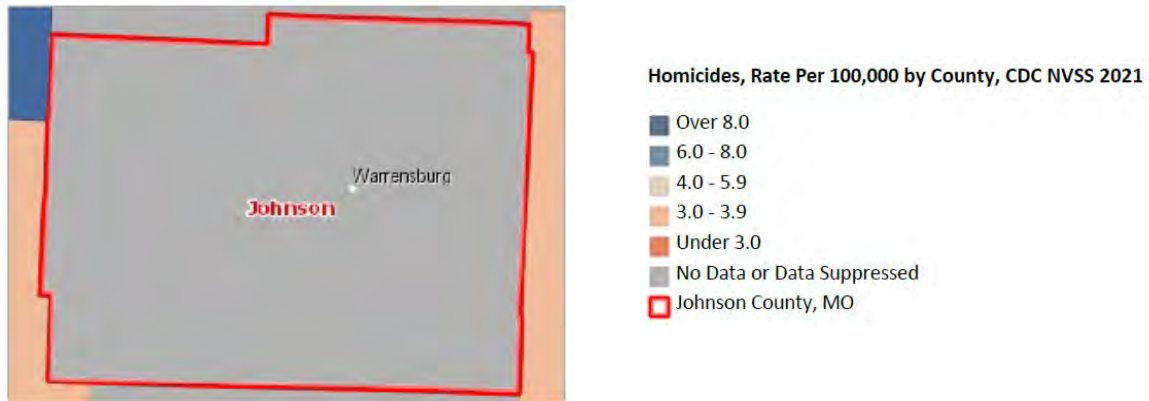
- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Homicides

Number of deaths due to homicide per 100,000 population. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Homicides per 100,000 Population	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	No data	12	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2021. Source geography: County

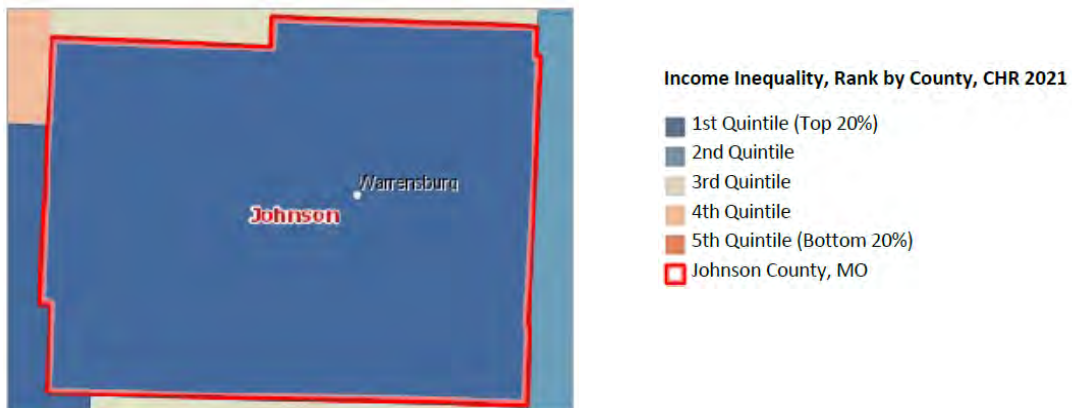


## Income Inequality

Ratio of household income at the 80th percentile to income at the 20th percentile.

County	Income Ratio (80th Percentile to 20th Percentile)	Income Inequality Quintile	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	3.9	1	12	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2021. Source geography: County



## Median Household Income

The income where half of households in a county earn more and half of households earn less. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	2015 Median Household Income	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	\$58,400	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*, 2021. Source geography: County

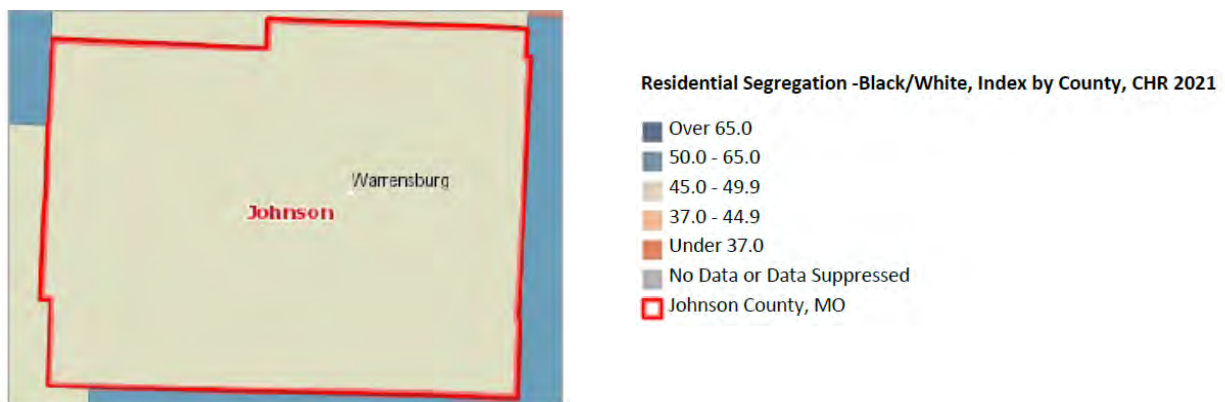


## Residential Segregation - Black/White

Index of dissimilarity where higher values indicate greater residential segregation between black and white county residents. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Residential Segregation Index - Black/White	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	45.00	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*, 2021. Source geography: County

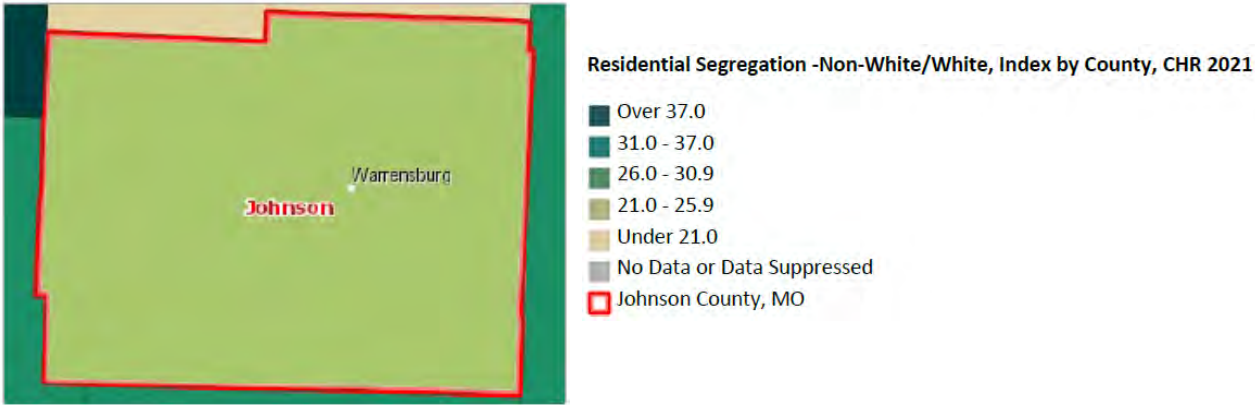


### Residential Segregation - Non-White/White

Index of dissimilarity where higher values indicate greater residential segregation between non-white and white county residents. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Residential Segregation Index - Non-White/White	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	25.00	12	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County

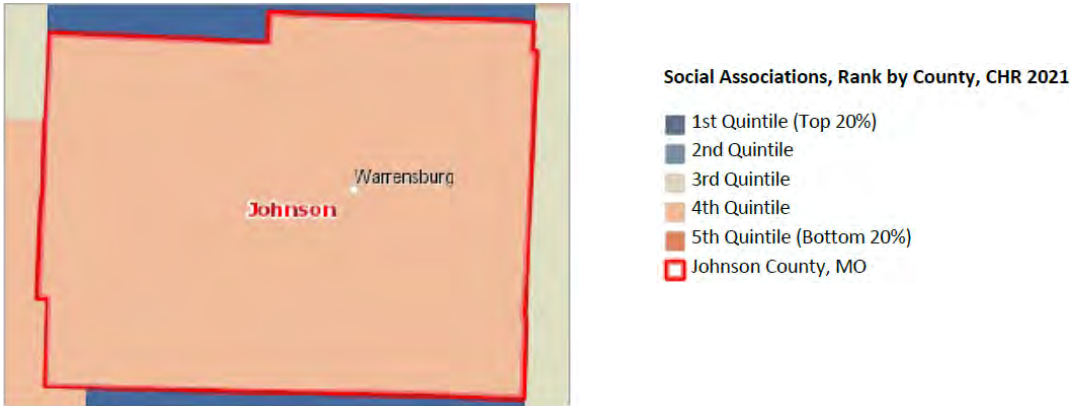


### Social Associations

Number of membership associations per 10,000 population.

County	Associations per 10,000 Population	Social Associations Quintile	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	8.8	4	12	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County

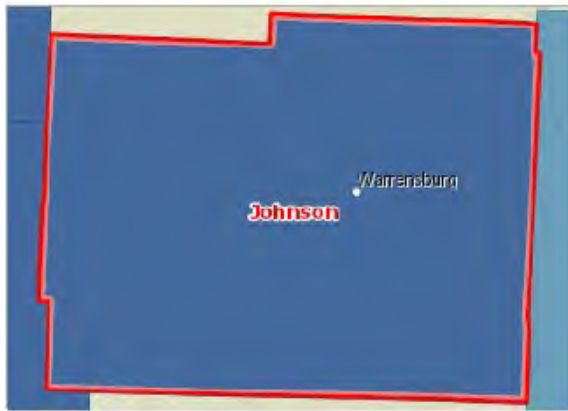


## Some College

Percentage of adults ages 25-44 with some post-secondary education.

County	Percent with Some College	Percent with Some College Quintile	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	71.0	1	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Post-Secondary Education (Some College), Rank by County, CHR 2021

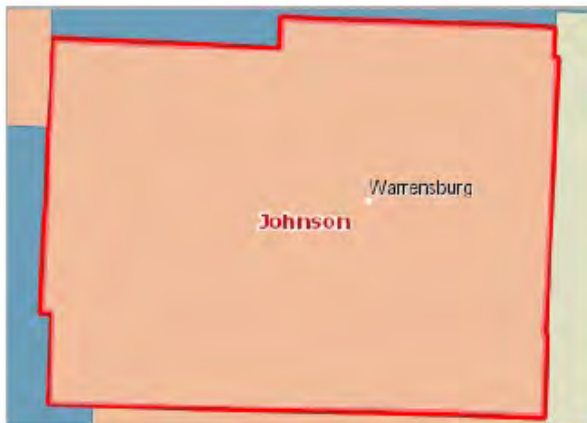
- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Unemployment

Percentage of population ages 16 and older unemployed but seeking work.

County	Percent Unemployment	Percent Unemployment Quintile	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	3.7	4	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Unemployment, Rank by County, CHR 2021

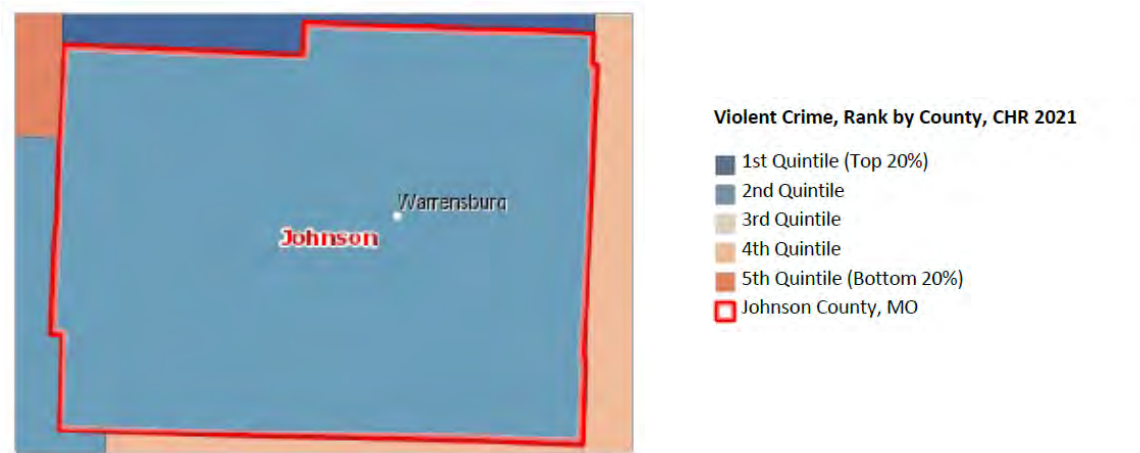
- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Violent Crime Rate

Number of reported violent crime offenses per 100,000 population.

County	Violent Crimes per 100,000 Population	Violent Crimes Quintile	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	191.0	3	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*, 2021. Source geography: County

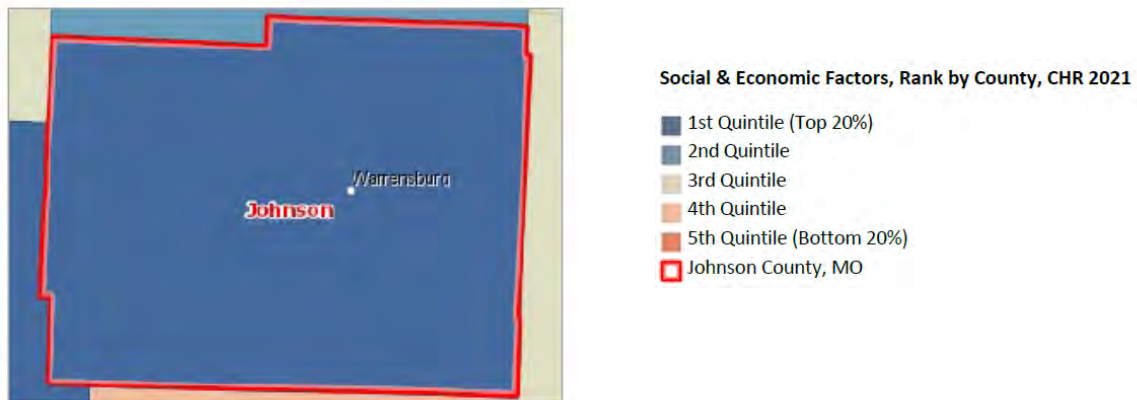


## Social and Economic Factors Rank

The Social and Economic Factors Rank is a weighted combination of High School Graduation, Some College, Unemployment, Children in Poverty, Income Inequality, Children in Single-Parent Households, Social Associations, Violent Crime Rate, and Injury Deaths factors.

County	Social and Economic Factors Rank (of 115)	Social and Economic Factors Quintile
Johnson	12	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*, 2021. Source geography: County



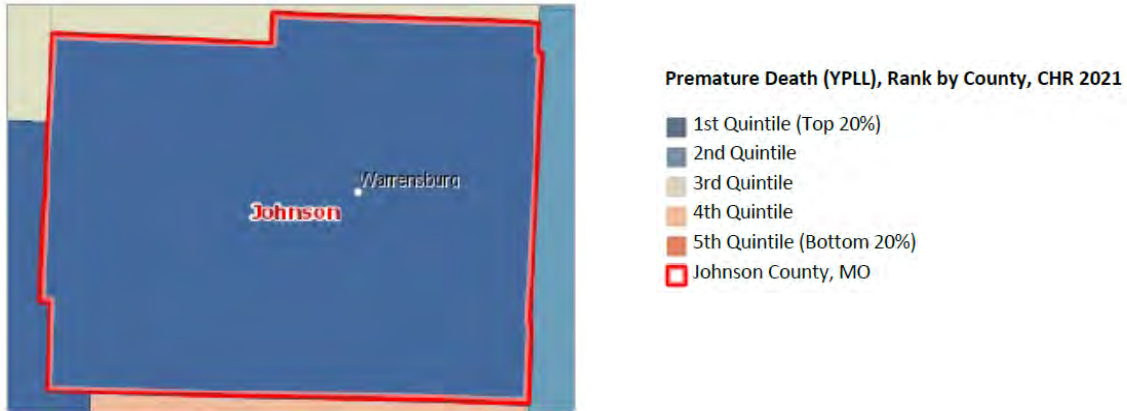
## Health Outcomes - Length of Life

### Premature Death - Years of Potential Life Lost

Years of potential life lost before age 75 per 100,000 population (age-adjusted).

County	Years of Potential Life Lost	Premature Death Quintile	Length of Life Rank (of 115)	Length of Life Quintile
Johnson	5,975.0	1	7	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County

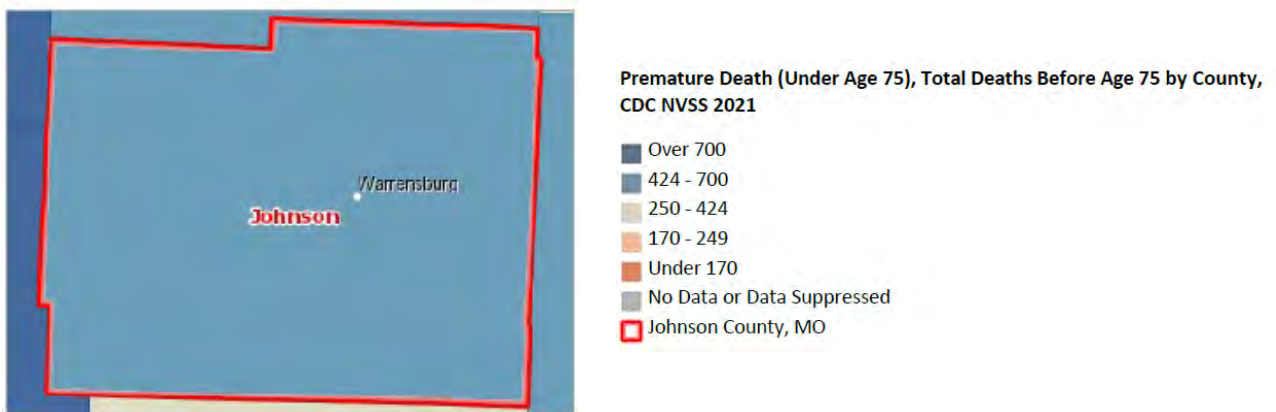


### Premature Age-adjusted Mortality

Number of deaths among residents under age 75 per 100,000 population (age-adjusted). This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Number of Deaths Under Age 75	Deaths per 100,000 Population	Length of Life Rank (of 115)	Length of Life Quintile
Johnson	539	338.0	7	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



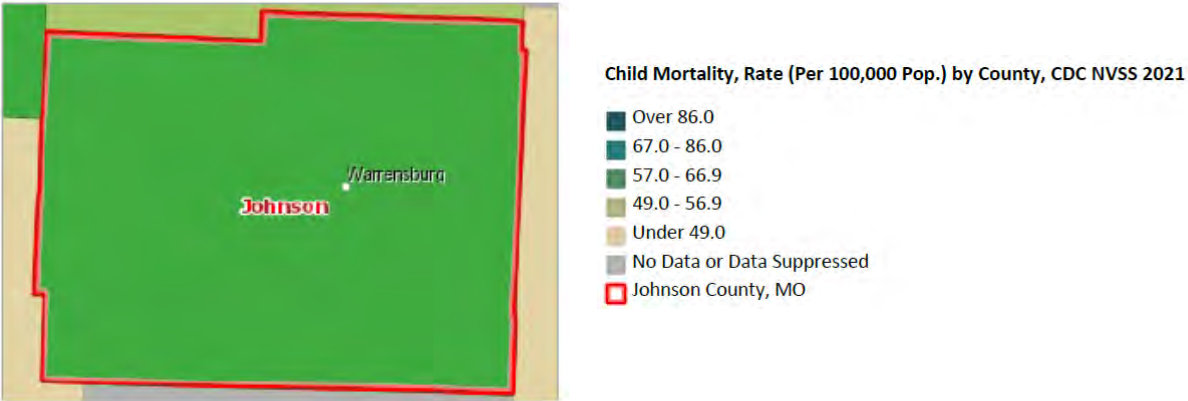


### Child Mortality

Number of deaths among children under age 18 per 100,000 population. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Number of Deaths Under Age 18	Deaths per 100,000 Population	Length of Life Rank (of 115)	Length of Life Quintile
Johnson	27	58.0	7	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County

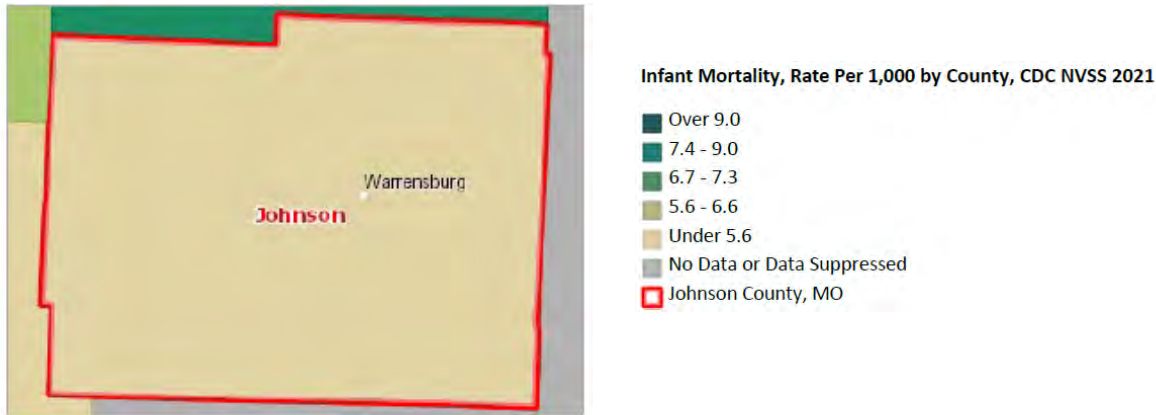


### Infant Mortality

Number of all infant deaths (within 1 year), per 1,000 live births. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Number of Infant Deaths	Deaths per 1,000 Live Births	Length of Life Rank (of 115)	Length of Life Quintile
Johnson	22	4.0	7	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



## Length of Life Rank

The Length of Life Rank is based on Premature Death.

County	Length of Life Rank (of 115)	Length of Life Quintile
Johnson	7	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Mortality, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Health Outcomes - Quality of Life

### Poor or Fair Health

Percentage of adults reporting poor or fair health (age-adjusted).

County	Percent Reporting Poor or Fair Health	Poor or Fair Health Quintile	Quality of Life Rank (of 115)	Quality of Life Quintile
Johnson	19.0	1	8	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Adults with Poor or Fair Health, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Poor Physical Health Days

Average number of physically unhealthy days reported in past 30 days (age-adjusted).

County	Average Physically Unhealthy Days per Month	Poor Physical Health Days Quintile	Quality of Life Rank (of 115)	Quality of Life Quintile
Johnson	4.3	1	8	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Poor Physical Health Days, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Poor Mental Health Days

Average number of mentally unhealthy days reported in past 30 days (age-adjusted).

County	Average Mentally Unhealthy Days per Month	Poor Mental Health Days Quintile	Quality of Life Rank (of 115)	Quality of Life Quintile
Johnson	4.4	1	8	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Poor Mental Health Days, Rank by County, CHR 2021

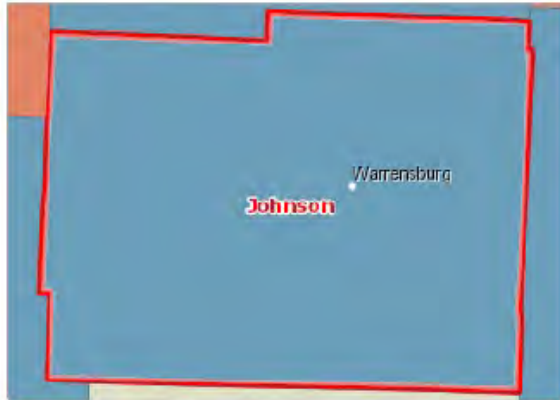
- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Low Birthweight

Percentage of live births with low birthweight (< 2,500 grams).

County	Percent of Births Low Birthweight	Low Birthweight Quintile	Quality of Life Rank (of 115)	Quality of Life Quintile
Johnson	7.0	2	8	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*, 2021. Source geography: County



Low Birthweight, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

## Frequent Physical Distress

Percentage of adults reporting 14 or more days of poor physical health per month. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Percent Reporting 14+ Days of Poor Physical Health Monthly	Quality of Life Rank (of 115)	Quality of Life Quintile
Johnson	13.0	8	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*, 2021. Source geography: County



Frequent Physical Distress, Percent of Adults Age 18+ by County, CDC BRFSS 2021

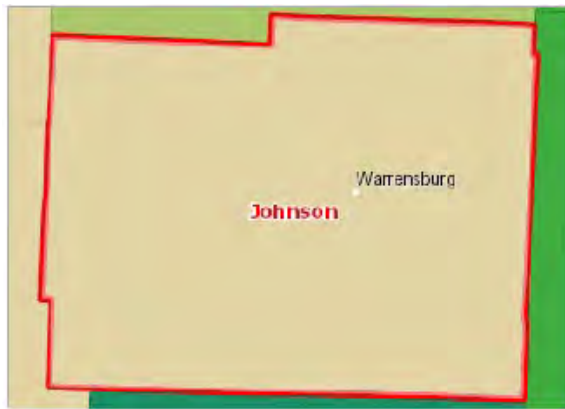
- Over 16.0%
- 15.0 - 16.0%
- 14.5 - 14.9%
- 13.5 - 14.4%
- Under 13.5%
- Johnson County, MO

## Frequent Mental Distress

Percentage of adults reporting 14 or more days of poor mental health per month. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Percent Reporting 14+ Days of Poor Mental Health Monthly	Quality of Life Rank (of 115)	Quality of Life Quintile
Johnson	15.0	8	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Frequent Mental Distress, Percent of Adults Age 18+ by County, CDC BRFSS 2021

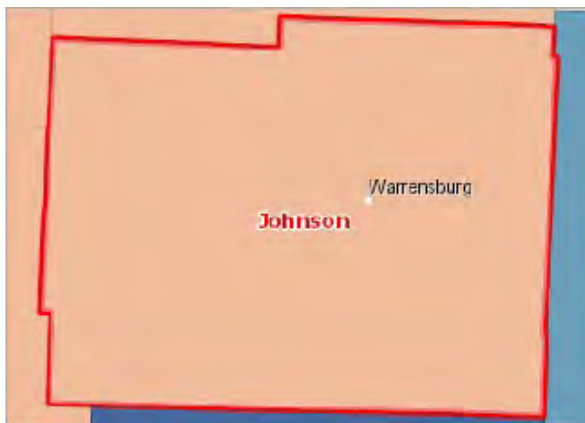
- Over 17.6%
- 16.8 - 17.6%
- 16.3 - 16.7%
- 15.6 - 16.2%
- Under 15.6%
- Johnson County, MO

## Diabetes Prevalence

Percentage of adults aged 20 and above with diagnosed diabetes. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	Percent Diabetic	Quality of Life Rank (of 115)	Quality of Life Quintile
Johnson	10.0	8	1

Data Source: University of Wisconsin Population Health Institute, *County Health Rankings*. 2021. Source geography: County



Diabetes Prevalence, Percent of Adults by County, CDC NCCDPHP 2021

- Over 16.0%
- 14.0 - 16.0%
- 11.5 - 13.9%
- 9.5 - 11.4%
- Under 9.5%
- Johnson County, MO

## HIV Prevalence

Number of people aged 13 years and older living with a diagnosis of human immunodeficiency virus (HIV) infection per 100,000 population. This indicator provides additional information describing the county that does not contribute to the final County Health Ranking.

County	HIV Infections per 100,000 Population	Quality of Life Rank (of 115)	Quality of Life Quintile
Johnson	100.0	8	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



HIV, Rate Per 100,000 by County, CHR 2021

- Over 150.0
- 100.0 - 150.0
- 80.0 - 99.9
- 50.0 - 79.9
- Under 50.0
- No Data or Data Suppressed
- Johnson County, MO

## Quality of Life Rank

The Quality of Life Rank is a weighted combination of Poor or Fair Health, Poor Physical Health Days, Poor Mental Health Days, and Low Birthweight factors.

County	Quality of Life Rank (of 115)	Quality of Life Quintile
Johnson	8	1

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2021. Source geography: County



Morbidity, Rank by County, CHR 2021

- 1st Quintile (Top 20%)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Bottom 20%)
- Johnson County, MO

# ZIP Health Rankings Report

## Location

Johnson County, MO

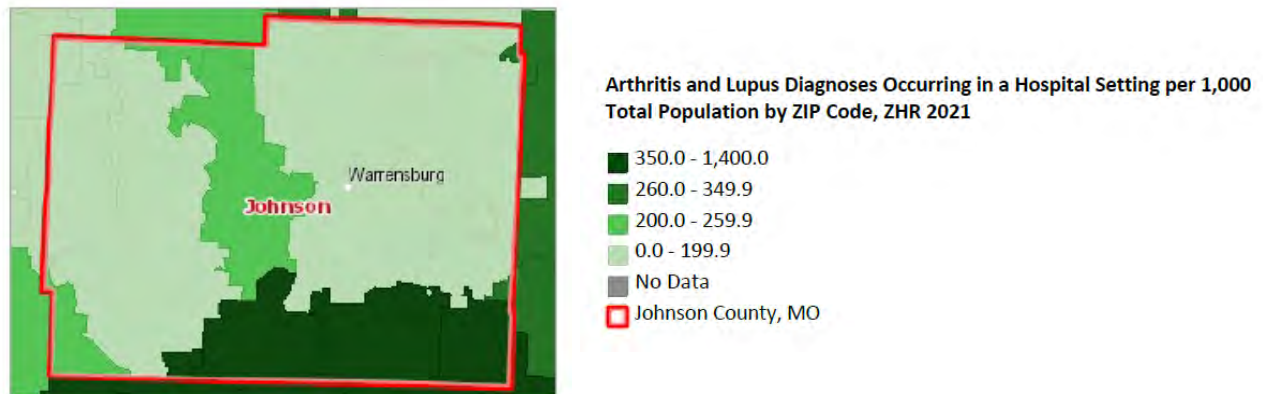
## Health Outcomes - Quality of Life

### Arthritis/Joint Disease

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed arthritis and joint disorders (rate per 1,000)

ZIP Code	ZIP Name	County	Arthritis/Joint Disease per 1,000	Arthritis/Joint Disease per 1,000 Z-Score	Arthritis/Joint Disease Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	161.66	-0.87	87	290
64726	Blairstown	Johnson	833.79	3.12	922	457
64019	Centerview	Johnson	232.94	-0.45	334	526
64733	Chilhowee	Johnson	413.28	0.62	774	94
64040	Holden	Johnson	197.55	-0.66	211	581
64061	Kingsville	Johnson	189.16	-0.71	180	726
65336	Knob Noster	Johnson	183.17	-0.74	159	142
64761	Leeton	Johnson	485.26	1.05	839	589
64093	Warrensburg	Johnson	158.64	-0.89	78	237
65305	Whiteman AFB	Johnson	63.84	-1.45	6	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings, 2021 Source geography: ZIP

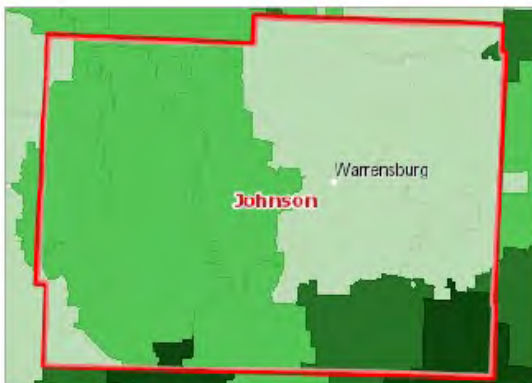


## Atherosclerosis

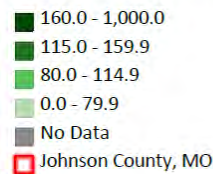
FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed atherosclerosis (rate per 1,000)

ZIP Code	ZIP Name	County	Atherosclerosis Disease per 1,000	Atherosclerosis Disease per 1,000 Z-Score	Atherosclerosis Disease Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	82.18	-0.65	205	290
64726	Blairstown	Johnson	208.90	0.78	802	457
64019	Centerview	Johnson	86.91	-0.60	250	526
64733	Chilhowee	Johnson	111.44	-0.32	418	94
64040	Holden	Johnson	105.66	-0.39	390	581
64061	Kingsville	Johnson	103.42	-0.41	374	726
65336	Knob Noster	Johnson	51.27	-1.00	48	142
64761	Leeton	Johnson	138.55	-0.02	580	589
64093	Warrensburg	Johnson	53.64	-0.98	60	237
65305	Whiteman AFB	Johnson	1.48	-1.56	2	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings, 2021 Source geography: ZIP



Atherosclerosis Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021



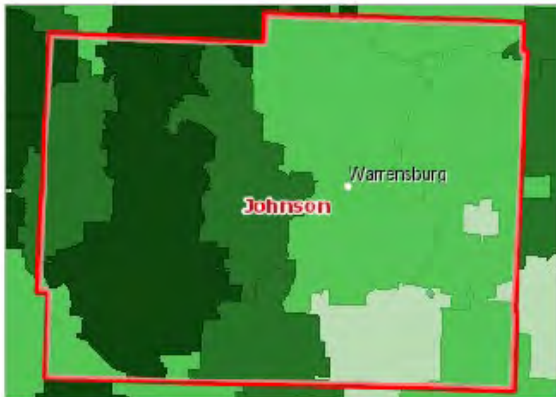


## Breast Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed breast cancer (rate per 1,000)

ZIP Code	ZIP Name	County	Breast Cancer per 1,000	Breast Cancer per 1,000 Z-Score	Breast Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	55.84	-0.59	229	290
64726	Blairstown	Johnson	68.32	-0.37	355	457
64019	Centerview	Johnson	79.04	-0.19	457	526
64733	Chilhowee	Johnson	80.73	-0.16	475	94
64040	Holden	Johnson	106.79	0.30	693	581
64061	Kingsville	Johnson	86.46	-0.06	532	726
65336	Knob Noster	Johnson	64.27	-0.44	307	142
64761	Leeton	Johnson	49.98	-0.69	191	589
64093	Warrensburg	Johnson	64.36	-0.44	308	237
65305	Whiteman AFB	Johnson	21.73	-1.18	59	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Breast Cancer Diagnoses Occurring in a Hospital Setting per 1,000 Female Population by ZIP Code, ZHR 2021

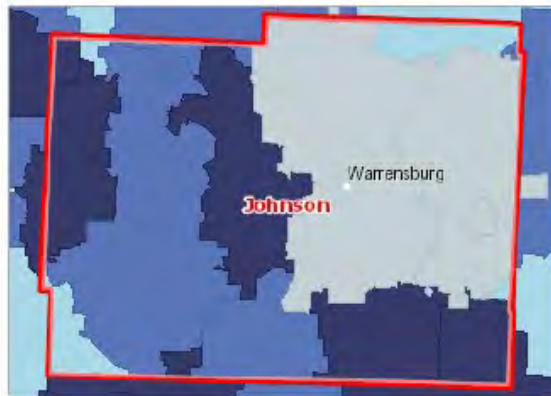
- 100.0 - 466.0
- 75.0 - 99.9
- 50.0 - 74.9
- 0.0 - 49.9
- No Data
- Johnson County, MO

## Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed cancer-all types (rate per 1,000)

ZIP Code	ZIP Name	County	Cancer per 1,000	Cancer per 1,000 Z-Score	Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	189.98	-0.33	396	290
64726	Blairstown	Johnson	501.36	2.53	917	457
64019	Centerview	Johnson	263.16	0.34	697	526
64733	Chilhowee	Johnson	204.92	-0.19	468	94
64040	Holden	Johnson	216.88	-0.08	520	581
64061	Kingsville	Johnson	290.52	0.60	762	726
65336	Knob Noster	Johnson	149.36	-0.70	179	142
64761	Leeton	Johnson	287.53	0.57	755	589
64093	Warrensburg	Johnson	143.48	-0.75	148	237
65305	Whiteman AFB	Johnson	28.38	-1.81	5	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Cancer (Malignant Neoplasm) Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

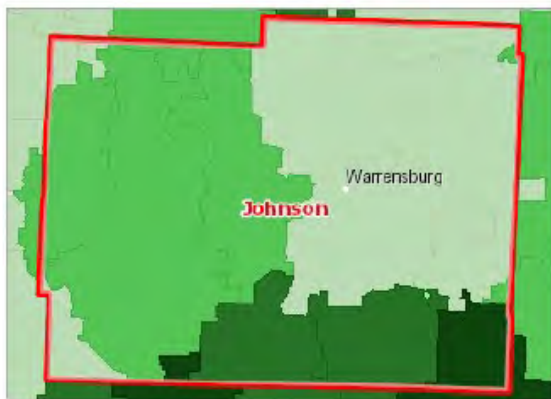
- 250.0 - 1,700.0
- 200.0 - 249.9
- 150.0 - 199.9
- 0.0 - 149.9
- No Data
- Johnson County, MO

## Chronic Diseases

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed chronic condition-all types (rate per 1,000)

ZIP Code	ZIP Name	County	Chronic Diseases per 1,000	Chronic Diseases per 1,000 Z-Score	Chronic Diseases Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	1,151.31	-0.81	140	290
64726	Blairstown	Johnson	3,577.66	1.74	887	457
64019	Centerview	Johnson	1,500.81	-0.44	339	526
64733	Chilhowee	Johnson	1,897.42	-0.03	572	94
64040	Holden	Johnson	1,450.48	-0.50	306	581
64061	Kingsville	Johnson	1,464.65	-0.48	311	726
65336	Knob Noster	Johnson	1,024.73	-0.94	85	142
64761	Leeton	Johnson	2,304.31	0.40	717	589
64093	Warrensburg	Johnson	1,004.06	-0.97	76	237
65305	Whiteman AFB	Johnson	147.33	-1.87	3	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Chronic Condition Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

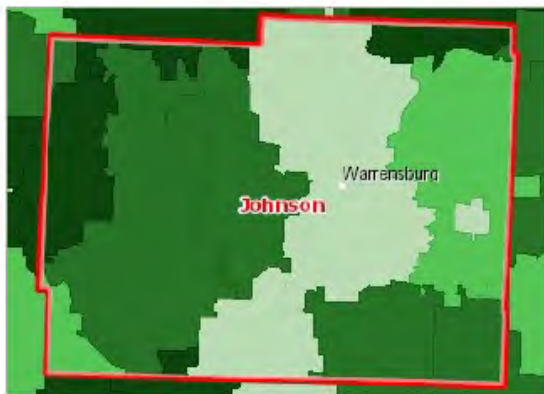
- 2,400.0 - 10,350.0
- 1,850.0 - 2,399.9
- 1,450.0 - 1,849.9
- 0.0 - 1,449.9
- No Data
- Johnson County, MO

## Colorectal Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed colorectal cancer (rate per 1,000)

ZIP Code	ZIP Name	County	Colorectal Cancer per 1,000	Colorectal Cancer per 1,000 Z-Score	Colorectal Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	24.14	0.11	689	290
64726	Blairstown	Johnson	28.16	0.28	755	457
64019	Centerview	Johnson	22.42	0.04	654	526
64733	Chilhowee	Johnson	4.18	-0.74	86	94
64040	Holden	Johnson	18.63	-0.13	538	581
64061	Kingsville	Johnson	47.87	1.12	874	726
65336	Knob Noster	Johnson	12.53	-0.39	320	142
64761	Leeton	Johnson	16.78	-0.20	484	589
64093	Warrensburg	Johnson	8.66	-0.55	180	237
65305	Whiteman AFB	Johnson	0.41	-0.90	25	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Colorectal Cancer Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

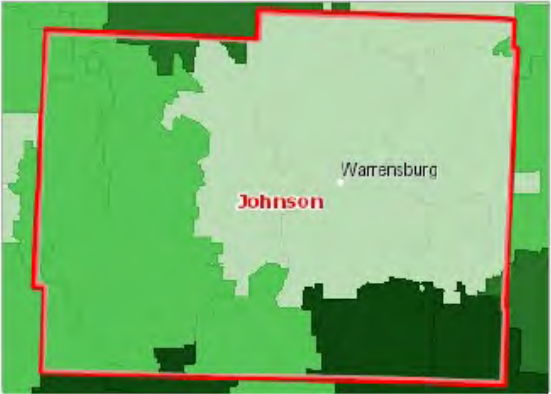
- 23.0 - 361.0
- 15.0 - 22.9
- 9.0 - 14.9
- 0.0 - 8.9
- No Data
- Johnson County, MO

### Chronic Obstructive Pulmonary Disorder (COPD)

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed chronic obstructive pulmonary disorder (rate per 1,000)

ZIP Code	ZIP Name	County	COPD per 1,000	COPD per 1,000 Z-Score	COPD Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	64.29	-0.67	206	290
64726	Blairstown	Johnson	245.23	1.71	887	457
64019	Centerview	Johnson	54.26	-0.81	145	526
64733	Chilhowee	Johnson	72.32	-0.57	266	94
64040	Holden	Johnson	75.49	-0.53	294	581
64061	Kingsville	Johnson	78.28	-0.49	318	726
65336	Knob Noster	Johnson	35.77	-1.05	56	142
64761	Leeton	Johnson	131.29	0.21	667	589
64093	Warrensburg	Johnson	38.26	-1.02	70	237
65305	Whiteman AFB	Johnson	2.30	-1.49	3	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings, 2021 Source geography: ZIP



COPD Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

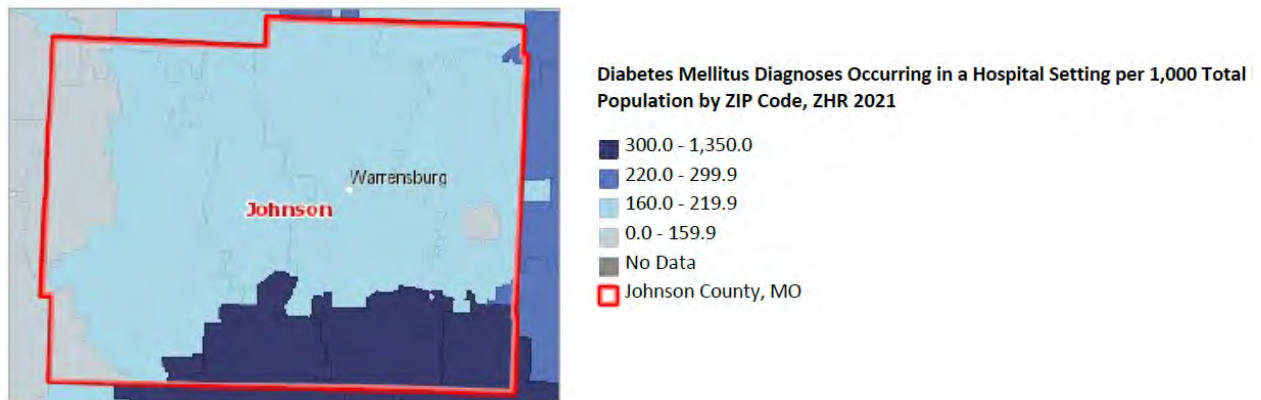
- 125.0 - 834.0
- 90.0 - 124.9
- 60.0 - 89.9
- 0.0 - 59.9
- No Data
- Johnson County, MO

## Diabetes

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed diabetes (rate per 1,000)

ZIP Code	ZIP Name	County	Diabetes per 1,000	Diabetes per 1,000 Z-Score	Diabetes Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	132.51	-0.85	137	290
64726	Blairstown	Johnson	480.47	1.69	880	457
64019	Centerview	Johnson	205.98	-0.32	423	526
64733	Chilhowee	Johnson	323.49	0.54	739	94
64040	Holden	Johnson	198.40	-0.37	387	581
64061	Kingsville	Johnson	159.78	-0.65	238	726
65336	Knob Noster	Johnson	169.96	-0.58	279	142
64761	Leeton	Johnson	323.36	0.54	738	589
64093	Warrensburg	Johnson	167.57	-0.60	267	237
65305	Whiteman AFB	Johnson	7.90	-1.76	3	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP

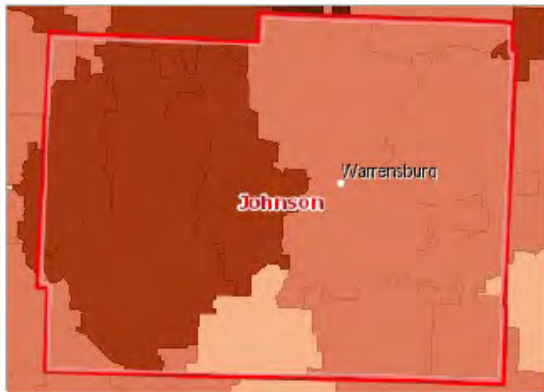


## Emergency Department (ED) Utilization

FY2019-21 hospital emergency department visits (rate per 1,000)

ZIP Code	ZIP Name	County	ED Utilization per 1,000	ED Utilization per 1,000 Z-Score	ED Utilization Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	384.89	-0.22	442	290
64726	Blairstown	Johnson	382.38	-0.24	435	457
64019	Centerview	Johnson	433.40	0.04	556	526
64733	Chilhowee	Johnson	258.79	-0.91	129	94
64040	Holden	Johnson	443.02	0.09	571	581
64061	Kingsville	Johnson	449.61	0.13	591	726
65336	Knob Noster	Johnson	418.31	-0.04	518	142
64761	Leeton	Johnson	413.38	-0.07	504	589
64093	Warrensburg	Johnson	404.35	-0.12	485	237
65305	Whiteman AFB	Johnson	367.56	-0.32	398	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



ED Utilization, per 1,000 Total Population by ZIP Code, ZHR 2021

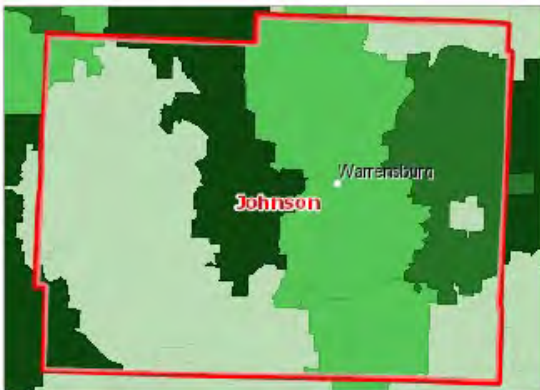
- 550.0 - 1,450.0
- 425.0 - 549.9
- 325.0 - 424.9
- 0.0 - 324.9
- No Data
- Johnson County, MO

## Female Genital Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed female genital cancer (rate per 1,000)

ZIP Code	ZIP Name	County	Female Genital Cancer per 1,000	Female Genital Cancer per 1,000 Z-Score	Female Genital Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	6.22	-0.18	459	290
64726	Blairstown	Johnson	0.00	-0.41	110	457
64019	Centerview	Johnson	46.39	1.36	910	526
64733	Chilhowee	Johnson	1.98	-0.34	214	94
64040	Holden	Johnson	3.88	-0.26	323	581
64061	Kingsville	Johnson	3.64	-0.27	305	726
65336	Knob Noster	Johnson	11.50	0.03	691	142
64761	Leeton	Johnson	9.63	-0.05	628	589
64093	Warrensburg	Johnson	7.43	-0.13	517	237
65305	Whiteman AFB	Johnson	0.23	-0.40	129	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Female Genital Cancer Diagnoses Occurring in a Hospital Setting per 1,000 Female Population by ZIP Code, ZHR 2021

- 15.1 - 647.0
- 10.1 - 15.0
- 5.1 - 10.0
- 0.0 - 5.0
- No Data
- Johnson County, MO

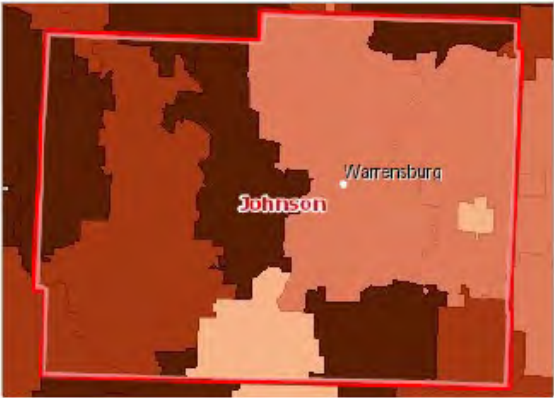


### Gastrointestinal Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed gastrointestinal cancer (rate per 1,000)

ZIP Code	ZIP Name	County	Gastrointestinal Cancer per 1,000	Gastrointestinal Cancer per 1,000 Z-Score	Gastrointestinal Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	26.68	0.05	639	290
64726	Blairstown	Johnson	36.33	0.45	775	457
64019	Centerview	Johnson	32.98	0.31	738	526
64733	Chilhowee	Johnson	3.44	-0.93	61	94
64040	Holden	Johnson	21.39	-0.18	495	581
64061	Kingsville	Johnson	54.87	1.22	864	726
65336	Knob Noster	Johnson	14.01	-0.48	263	142
64761	Leeton	Johnson	52.38	1.12	858	589
64093	Warrensburg	Johnson	14.00	-0.48	262	237
65305	Whiteman AFB	Johnson	0.41	-1.05	33	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings, 2021 Source geography: ZIP



Gastrointestinal Cancer Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

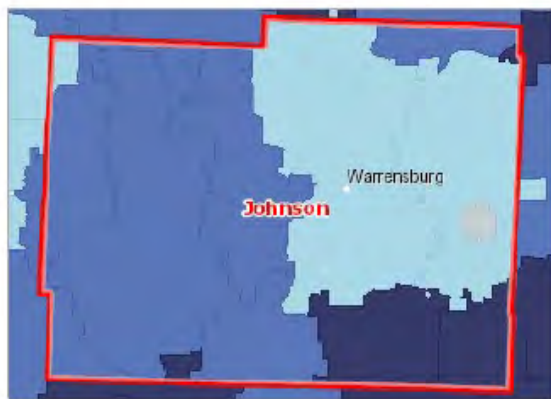
- 27.0 - 355.0
- 18.0 - 26.9
- 11.0 - 17.9
- 0.0 - 10.9
- No Data
- Johnson County, MO

## Heart Disease

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed heart disease (rate per 1,000)

ZIP Code	ZIP Name	County	Heart Disease per 1,000	Heart Disease per 1,000 Z-Score	Heart Disease Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	143.27	-0.71	169	290
64726	Blairstown	Johnson	367.85	0.96	830	457
64019	Centerview	Johnson	162.61	-0.57	273	526
64733	Chilhowee	Johnson	179.09	-0.44	343	94
64040	Holden	Johnson	176.12	-0.47	326	581
64061	Kingsville	Johnson	174.82	-0.48	324	726
65336	Knob Noster	Johnson	102.87	-1.01	56	142
64761	Leeton	Johnson	223.81	-0.11	530	589
64093	Warrensburg	Johnson	109.81	-0.96	69	237
65305	Whiteman AFB	Johnson	14.81	-1.66	3	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Heart Disease Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

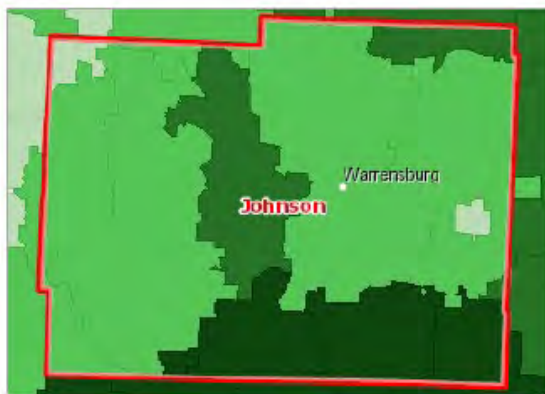
- 200.0 - 1,537.0
- 140.0 - 199.9
- 100.0 - 139.9
- 0.0 - 99.9
- No Data
- Johnson County, MO

## Hospital Utilization

FY2019-21 hospital inpatient, emergency department, and outpatient visits (rate per 1,000)

ZIP Code	ZIP Name	County	Hospital Utilization per 1,000	Hospital Utilization per 1,000 Z-Score	Hospital Utilization Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	1,497.13	-0.90	81	290
64726	Blairstown	Johnson	5,591.28	2.26	897	457
64019	Centerview	Johnson	2,624.43	-0.03	587	526
64733	Chilhowee	Johnson	3,308.49	0.50	751	94
64040	Holden	Johnson	2,048.81	-0.47	336	581
64061	Kingsville	Johnson	1,991.74	-0.52	303	726
65336	Knob Noster	Johnson	2,224.73	-0.34	429	142
64761	Leeton	Johnson	4,203.85	1.19	838	589
64093	Warrensburg	Johnson	2,163.93	-0.39	397	237
65305	Whiteman AFB	Johnson	1,245.56	-1.09	30	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Hospital Utilization, per 1,000 Total Population by ZIP Code, ZHR 2021

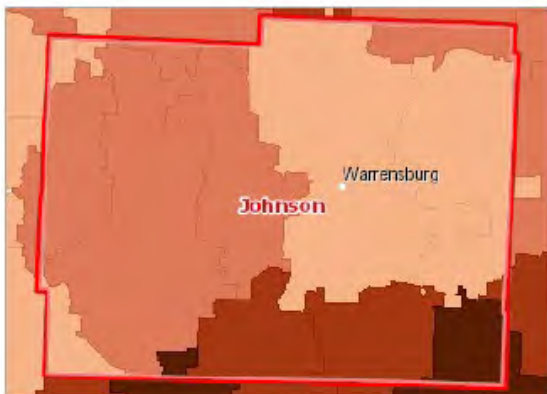
- 2,955.0 - 12,749.0
- 2,255.0 - 2,954.9
- 1,840.0 - 2,254.9
- 0.0 - 1,839.9
- No Data
- Johnson County, MO

## Hypertension

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed hypertension (rate per 1,000)

ZIP Code	ZIP Name	County	Hypertension per 1,000	Hypertension per 1,000 Z-Score	Hypertension Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	249.43	-0.82	146	290
64726	Blairstown	Johnson	660.31	1.01	829	457
64019	Centerview	Johnson	339.34	-0.42	358	526
64733	Chilhowee	Johnson	392.37	-0.18	499	94
64040	Holden	Johnson	316.50	-0.52	304	581
64061	Kingsville	Johnson	312.10	-0.54	291	726
65336	Knob Noster	Johnson	218.52	-0.96	80	142
64761	Leeton	Johnson	486.17	0.24	667	589
64093	Warrensburg	Johnson	218.77	-0.95	81	237
65305	Whiteman AFB	Johnson	9.71	-1.89	2	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings, 2021 Source geography: ZIP



**Hypertension Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021**

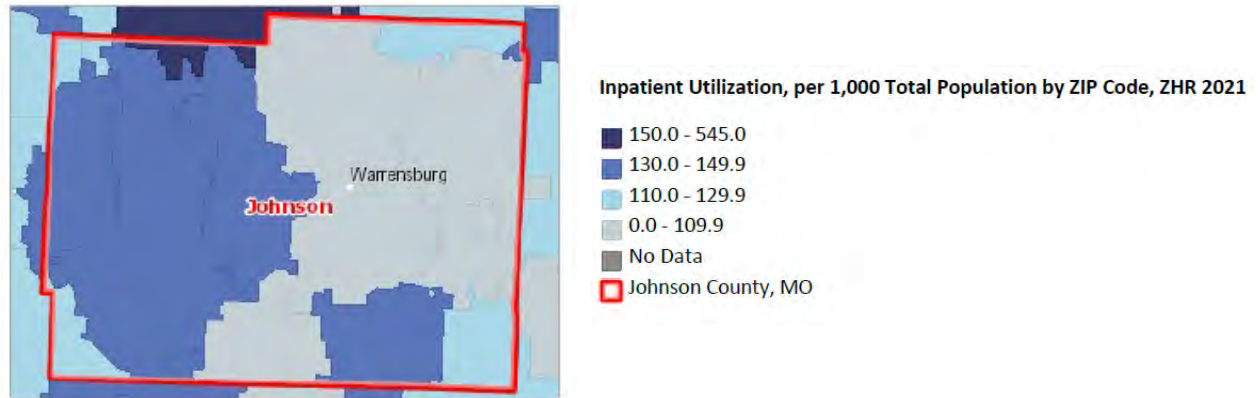
- 500.0 - 2,174.0
- 380.0 - 499.9
- 280.0 - 379.9
- 0.0 - 279.9
- No Data
- Johnson County, MO

## Inpatient Utilization

FY2019-21 hospital inpatient visits (rate per 1,000 )

ZIP Code	ZIP Name	County	Inpatient Utilization per 1,000	Inpatient Utilization per 1,000 Z-Score	Inpatient Utilization Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	110.26	-0.45	308	290
64726	Blairstown	Johnson	138.96	0.24	624	457
64019	Centerview	Johnson	142.63	0.33	664	526
64733	Chilhowee	Johnson	87.82	-0.99	104	94
64040	Holden	Johnson	141.65	0.30	655	581
64061	Kingsville	Johnson	148.07	0.46	708	726
65336	Knob Noster	Johnson	97.24	-0.77	167	142
64761	Leeton	Johnson	131.52	0.06	540	589
64093	Warrensburg	Johnson	101.27	-0.67	204	237
65305	Whiteman AFB	Johnson	75.85	-1.28	49	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP

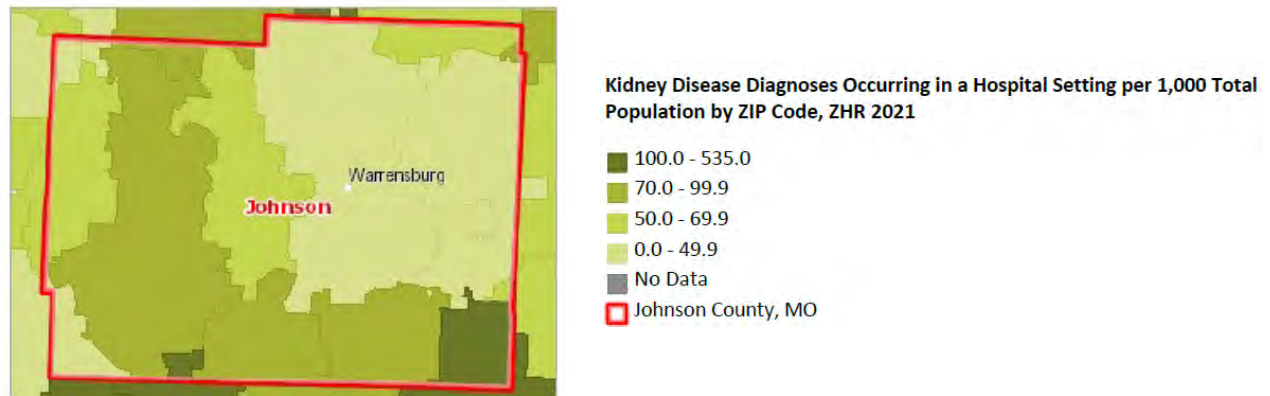


## Kidney Disease

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed kidney disease (rate per 1,000)

ZIP Code	ZIP Name	County	Kidney Disease per 1,000	Kidney Disease per 1,000 Z-Score	Kidney Disease Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	41.54	-1.13	59	290
64726	Blairstown	Johnson	158.04	1.27	845	457
64019	Centerview	Johnson	62.54	-0.70	228	526
64733	Chilhowee	Johnson	76.51	-0.41	368	94
64040	Holden	Johnson	72.84	-0.49	332	581
64061	Kingsville	Johnson	59.23	-0.77	188	726
65336	Knob Noster	Johnson	41.51	-1.13	58	142
64761	Leeton	Johnson	72.34	-0.50	327	589
64093	Warrensburg	Johnson	46.61	-1.03	81	237
65305	Whiteman AFB	Johnson	0.82	-1.97	2	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP

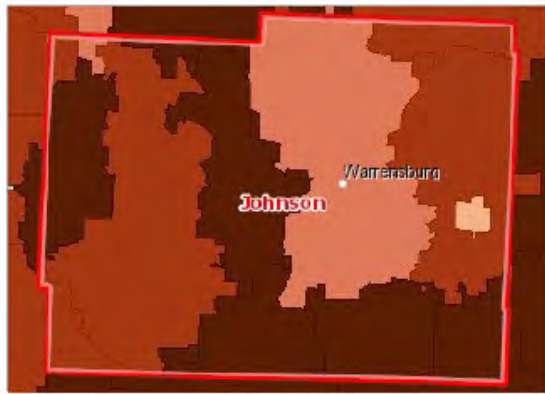


## Liver Disease

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed liver disease (rate per 1,000)

ZIP Code	ZIP Name	County	Liver Disease per 1,000	Liver Disease per 1,000 Z-Score	Liver Disease Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	25.53	-0.79	121	290
64726	Blairstown	Johnson	54.50	0.46	748	457
64019	Centerview	Johnson	47.11	0.14	641	526
64733	Chilhowee	Johnson	66.17	0.97	830	94
64040	Holden	Johnson	34.83	-0.39	360	581
64061	Kingsville	Johnson	43.04	-0.04	564	726
65336	Knob Noster	Johnson	35.93	-0.34	391	142
64761	Leeton	Johnson	93.20	2.14	907	589
64093	Warrensburg	Johnson	28.22	-0.68	175	237
65305	Whiteman AFB	Johnson	5.10	-1.68	4	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Liver Disease Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

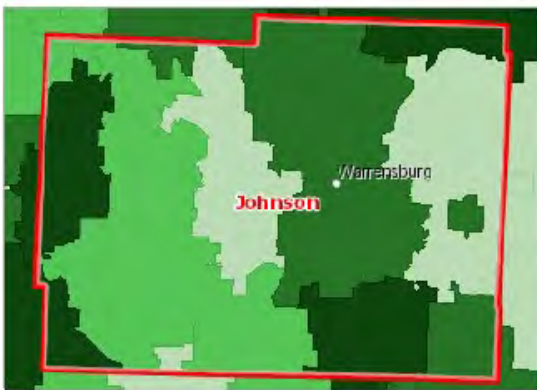
- 40.0 - 280.0
- 30.0 - 39.9
- 20.0 - 29.9
- 0.0 - 19.9
- No Data
- Johnson County, MO

## Low Birthweight

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed low birthweight (rate per 1,000)

ZIP Code	ZIP Name	County	Low Birthweight per 1,000	Low Birthweight per 1,000 Z-Score	Low Birthweight Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	35.35	-0.20	393	290
64726	Blairstown	Johnson	12.35	-0.39	154	457
64019	Centerview	Johnson	21.37	-0.32	235	526
64733	Chilhowee	Johnson	25.82	-0.28	284	94
64040	Holden	Johnson	38.70	-0.17	439	581
64061	Kingsville	Johnson	74.38	0.13	745	726
65336	Knob Noster	Johnson	24.36	-0.29	263	142
64761	Leeton	Johnson	63.06	0.03	686	589
64093	Warrensburg	Johnson	42.99	-0.13	496	237
65305	Whiteman AFB	Johnson	40.79	-0.15	470	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Low Birthweight, Preterm, Light-For-Date, Malnutrition, Growth Retardation, and Immaturity Diagnoses Occurring in a Hospital Setting per 1,000 Population Under Age 5 (Z-Score) by ZIP Code, ZHR 2021

- 60.0 - 600.0
- 40.0 - 59.9
- 25.0 - 39.9
- 0.0 - 24.9
- No Data
- Johnson County, MO

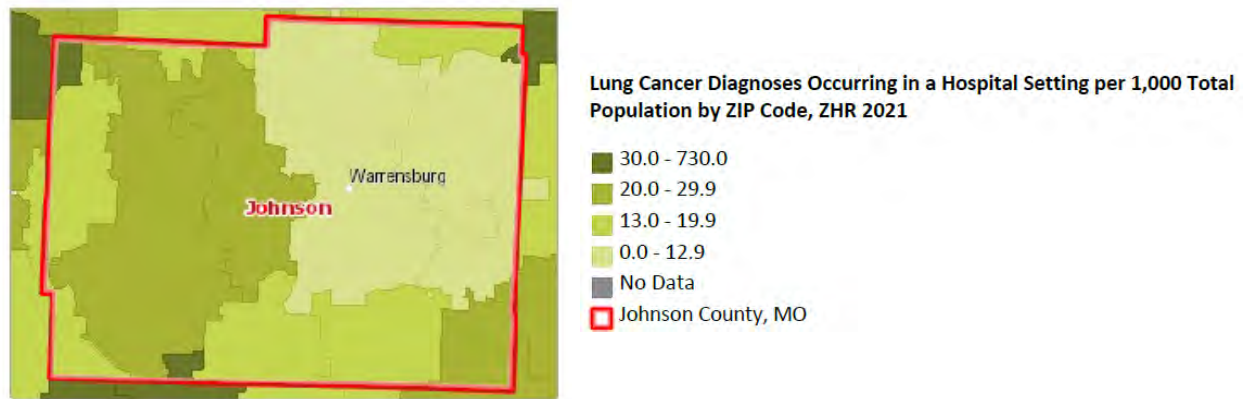


## Lung Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed lung cancer (rate per 1,000)

ZIP Code	ZIP Name	County	Lung Cancer per 1,000	Lung Cancer per 1,000 Z-Score	Lung Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	22.74	-0.22	451	290
64726	Blairstown	Johnson	98.09	2.16	914	457
64019	Centerview	Johnson	21.60	-0.26	423	526
64733	Chilhowee	Johnson	17.71	-0.38	320	94
64040	Holden	Johnson	23.93	-0.19	487	581
64061	Kingsville	Johnson	19.05	-0.34	356	726
65336	Knob Noster	Johnson	12.37	-0.55	181	142
64761	Leeton	Johnson	15.87	-0.44	264	589
64093	Warrensburg	Johnson	11.44	-0.58	155	237
65305	Whiteman AFB	Johnson	0.08	-0.94	22	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP

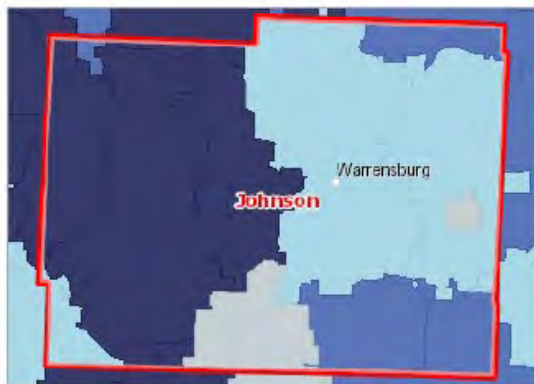


## Lymphatic Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed lymphatic cancer (rate per 1,000)

ZIP Code	ZIP Name	County	Lymphatic Cancer per 1,000	Lymphatic Cancer per 1,000 Z-Score	Lymphatic Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	30.46	-0.10	545	290
64726	Blairstown	Johnson	69.03	1.14	864	457
64019	Centerview	Johnson	65.14	1.01	850	526
64733	Chilhowee	Johnson	14.27	-0.62	181	94
64040	Holden	Johnson	44.73	0.36	734	581
64061	Kingsville	Johnson	58.20	0.79	830	726
65336	Knob Noster	Johnson	23.20	-0.33	387	142
64761	Leeton	Johnson	37.41	0.12	653	589
64093	Warrensburg	Johnson	23.28	-0.33	394	237
65305	Whiteman AFB	Johnson	2.80	-0.99	54	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Lymphatic Cancer Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

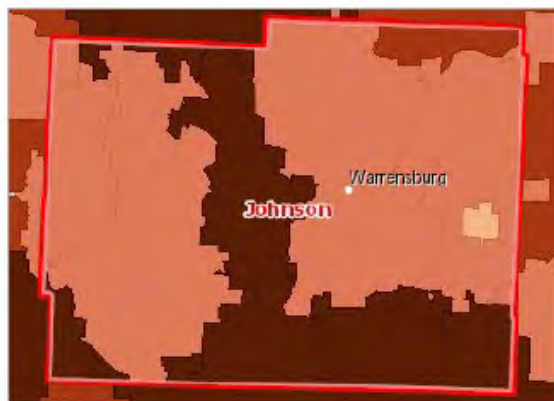
- 40.0 - 300.0
- 25.0 - 39.9
- 16.0 - 24.9
- 0.0 - 15.9
- No Data
- Johnson County, MO

## Male Genital Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed male genital cancer (rate per 1,000)

ZIP Code	ZIP Name	County	Male Genital Cancer per 1,000	Male Genital Cancer per 1,000 Z-Score	Male Genital Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	40.34	-0.11	515	290
64726	Blairstown	Johnson	87.38	1.32	872	457
64019	Centerview	Johnson	47.13	0.09	627	526
64733	Chilhowee	Johnson	101.66	1.75	896	94
64040	Holden	Johnson	20.54	-0.72	144	581
64061	Kingsville	Johnson	27.10	-0.52	248	726
65336	Knob Noster	Johnson	27.42	-0.51	255	142
64761	Leeton	Johnson	66.40	0.68	800	589
64093	Warrensburg	Johnson	25.54	-0.57	223	237
65305	Whiteman AFB	Johnson	1.03	-1.31	16	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Male Genital Cancer Diagnoses Occurring in a Hospital Setting per 1,000 Male Population by ZIP Code, ZHR 2021

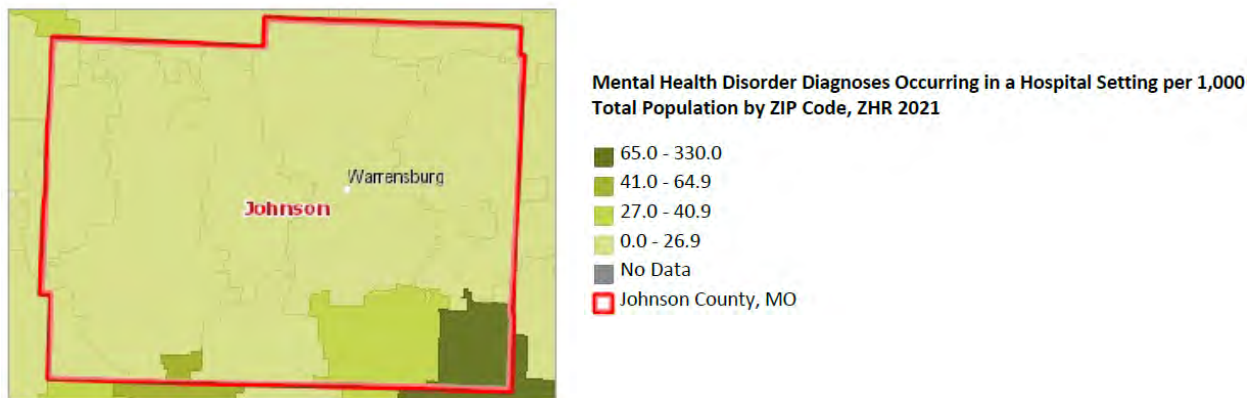
- 40.0 - 356.0
- 30.0 - 39.9
- 20.0 - 29.9
- 0.0 - 19.9
- No Data
- Johnson County, MO

## Mental Health

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed mental disorder-MDC 19 (rate per 1,000)

ZIP Code	ZIP Name	County	Mental Health Diagnosed per 1,000	Mental Health Diagnosed per 1,000 Z-Score	Mental Health Diagnosed Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	15.44	-0.61	207	290
64726	Blairstown	Johnson	42.69	0.54	779	457
64019	Centerview	Johnson	20.31	-0.40	387	526
64733	Chilhowee	Johnson	20.66	-0.39	401	94
64040	Holden	Johnson	20.70	-0.39	402	581
64061	Kingsville	Johnson	23.19	-0.28	480	726
65336	Knob Noster	Johnson	17.14	-0.53	272	142
64761	Leeton	Johnson	39.23	0.39	754	589
64093	Warrensburg	Johnson	21.80	-0.34	434	237
65305	Whiteman AFB	Johnson	17.03	-0.54	266	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP

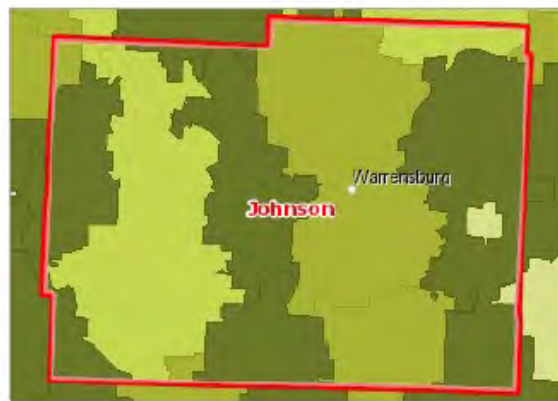


## Nonspecified Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed nonspecified cancer (rate per 1,000)

ZIP Code	ZIP Name	County	Nonspecified Cancer per 1,000	Nonspecified Cancer per 1,000 Z-Score	Nonspecified Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	0.90	-0.42	288	290
64726	Blairstown	Johnson	1.82	-0.14	552	457
64019	Centerview	Johnson	6.82	1.42	893	526
64733	Chilhowee	Johnson	2.71	0.14	708	94
64040	Holden	Johnson	0.69	-0.49	237	581
64061	Kingsville	Johnson	5.74	1.08	872	726
65336	Knob Noster	Johnson	2.65	0.12	701	142
64761	Leeton	Johnson	1.81	-0.14	551	589
64093	Warrensburg	Johnson	1.76	-0.16	538	237
65305	Whiteman AFB	Johnson	0.08	-0.68	126	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings, 2021 Source geography: ZIP



Unspecified Cancer Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

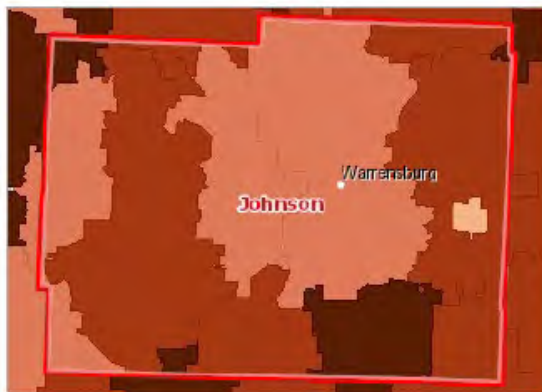
- 2.0 - 45.0
- 1.0 - 1.9
- 0.5 - 0.9
- 0.0 - 0.4
- No Data
- Johnson County, MO

## Other Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed cancer-other types (rate per 1,000)

ZIP Code	ZIP Name	County	Other Cancer per 1,000	Other Cancer per 1,000 Z-Score	Other Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	26.44	0.23	720	290
64726	Blairstown	Johnson	82.65	3.04	924	457
64019	Centerview	Johnson	13.32	-0.43	257	526
64733	Chilhowee	Johnson	21.65	-0.01	609	94
64040	Holden	Johnson	19.16	-0.13	517	581
64061	Kingsville	Johnson	15.50	-0.32	356	726
65336	Knob Noster	Johnson	18.58	-0.16	493	142
64761	Leeton	Johnson	35.37	0.68	827	589
64093	Warrensburg	Johnson	14.85	-0.35	323	237
65305	Whiteman AFB	Johnson	2.96	-0.94	44	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Other Cancer (Unspecified Neoplasm) Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

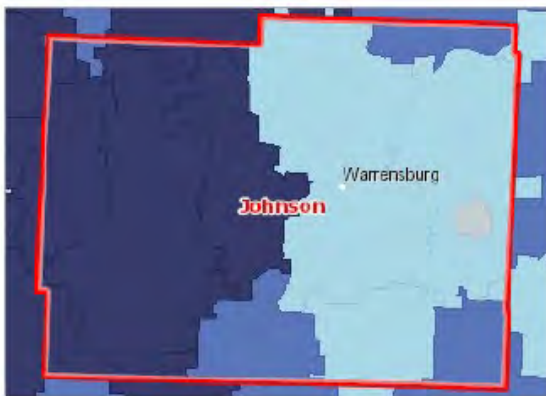
- 25.0 - 288.0
- 17.5 - 24.9
- 12.0 - 17.4
- 0.0 - 11.9
- No Data
- Johnson County, MO

## Secondary Malignancies

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed secondary malignancy (rate per 1,000)

ZIP Code	ZIP Name	County	Secondary Malignancies per 1,000	Secondary Malignancies per 1,000 Z-Score	Secondary Malignancies Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	28.49	-0.25	432	290
64726	Blairstown	Johnson	56.31	0.98	824	457
64019	Centerview	Johnson	43.21	0.40	711	526
64733	Chilhowee	Johnson	27.31	-0.31	405	94
64040	Holden	Johnson	42.45	0.36	702	581
64061	Kingsville	Johnson	42.24	0.36	698	726
65336	Knob Noster	Johnson	23.35	-0.48	305	142
64761	Leeton	Johnson	16.78	-0.77	162	589
64093	Warrensburg	Johnson	16.96	-0.76	165	237
65305	Whiteman AFB	Johnson	1.32	-1.46	14	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Secondary Malignancy Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

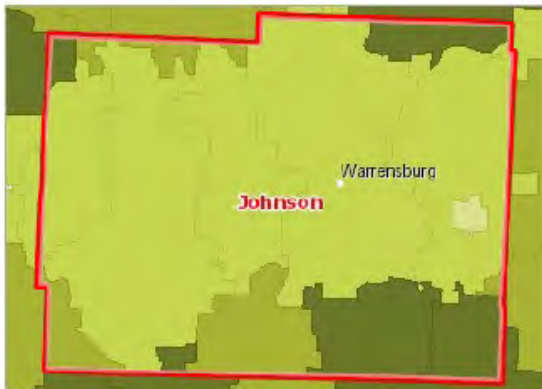
- 34.0 - 200.0
- 24.0 - 33.9
- 16.0 - 23.9
- 0.0 - 15.9
- No Data
- Johnson County, MO

## Skin Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed skin cancer (rate per 1,000)

ZIP Code	ZIP Name	County	Skin Cancer per 1,000	Skin Cancer per 1,000 Z-Score	Skin Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	7.72	-0.20	496	290
64726	Blairstown	Johnson	70.84	5.25	933	457
64019	Centerview	Johnson	5.36	-0.40	347	526
64733	Chilhowee	Johnson	8.12	-0.17	522	94
64040	Holden	Johnson	4.08	-0.51	238	581
64061	Kingsville	Johnson	6.89	-0.27	445	726
65336	Knob Noster	Johnson	4.78	-0.45	297	142
64761	Leeton	Johnson	15.65	0.48	775	589
64093	Warrensburg	Johnson	5.37	-0.40	348	237
65305	Whiteman AFB	Johnson	0.49	-0.82	28	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Skin Cancer Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

- 12.0 - 215.0
- 7.0 - 11.9
- 4.0 - 6.9
- 0.0 - 3.9
- No Data
- Johnson County, MO

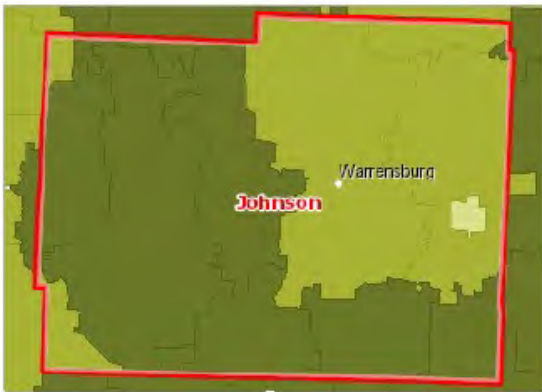


## Stroke

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed ischemic stroke (rate per 1,000)

ZIP Code	ZIP Name	County	Stroke per 1,000	Stroke per 1,000 Z-Score	Stroke Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	14.53	-0.47	325	290
64726	Blairstown	Johnson	37.24	1.21	861	457
64019	Centerview	Johnson	15.76	-0.38	387	526
64733	Chilhowee	Johnson	25.34	0.33	720	94
64040	Holden	Johnson	17.63	-0.24	458	581
64061	Kingsville	Johnson	14.92	-0.44	350	726
65336	Knob Noster	Johnson	10.14	-0.80	115	142
64761	Leeton	Johnson	25.62	0.35	732	589
64093	Warrensburg	Johnson	10.62	-0.76	133	237
65305	Whiteman AFB	Johnson	0.33	-1.52	3	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Stroke/Other Cerebrovascular Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2021

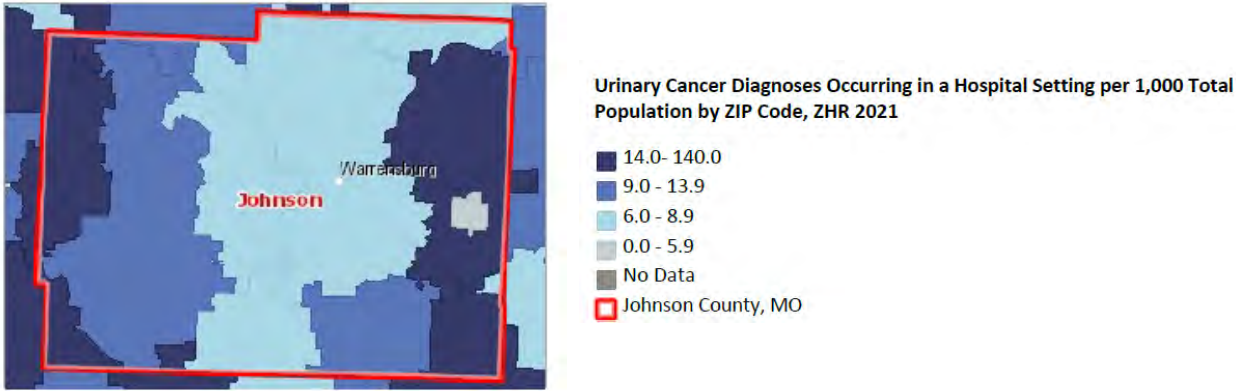
- 14.0 - 125.0
- 9.5 - 13.9
- 7.0 - 9.4
- 0.0 - 6.9
- No Data
- Johnson County, MO

### Urinary Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed urinary cancer (rate per 1,000)

ZIP Code	ZIP Name	County	Urinary Cancer per 1,000	Urinary Cancer per 1,000 Z-Score	Urinary Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	21.92	0.79	813	290
64726	Blairstown	Johnson	28.16	1.35	869	457
64019	Centerview	Johnson	6.82	-0.56	253	526
64733	Chilhowee	Johnson	8.86	-0.38	376	94
64040	Holden	Johnson	10.11	-0.27	449	581
64061	Kingsville	Johnson	19.86	0.61	775	726
65336	Knob Noster	Johnson	15.13	0.18	669	142
64761	Leeton	Johnson	9.07	-0.36	397	589
64093	Warrensburg	Johnson	7.85	-0.47	307	237
65305	Whiteman AFB	Johnson	1.97	-1.00	63	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP

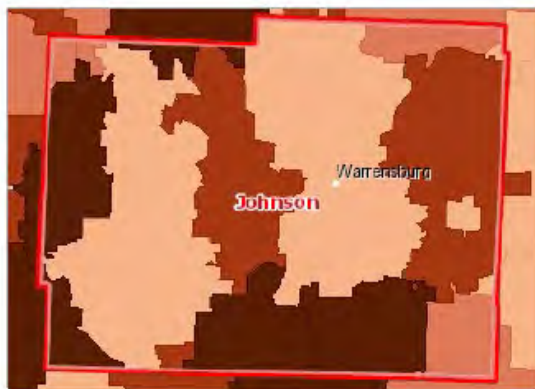


## Uterine/Cervical Cancer

FY2019-21 hospital inpatient, emergency department, and outpatient diagnosed uterine/cervical cancer (rate per 1,000)

ZIP Code	ZIP Name	County	Uterine/Cervical Cancer per 1,000	Uterine/Cervical Cancer per 1,000 Z-Score	Uterine/Cervical Cancer Rank (of 937)	Quality of Life Rank (of 937)
64011	Bates City	Johnson	14.15	-0.01	633	290
64726	Blairstown	Johnson	18.63	0.24	743	457
64019	Centerview	Johnson	16.84	0.14	707	526
64733	Chilhowee	Johnson	27.24	0.72	841	94
64040	Holden	Johnson	6.34	-0.44	292	581
64061	Kingsville	Johnson	31.85	0.98	867	726
65336	Knob Noster	Johnson	15.61	0.08	674	142
64761	Leeton	Johnson	60.52	2.56	913	589
64093	Warrensburg	Johnson	6.86	-0.41	309	237
65305	Whiteman AFB	Johnson	4.12	-0.56	171	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings. 2021 Source geography: ZIP



Uterine/Cervical Cancer Diagnoses Occurring in a Hospital Setting per 1,000 Female Population by ZIP Code, ZHR 2021

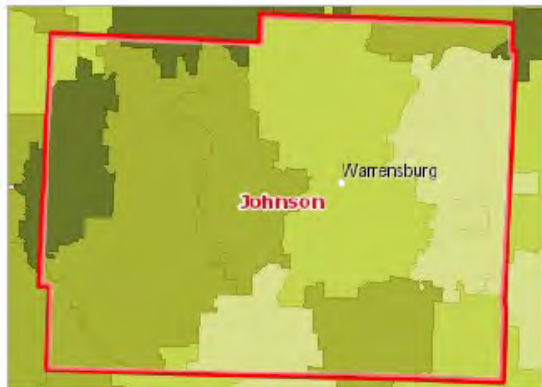
- 22.1 - 250.0
- 15.1 - 22.0
- 9.1 - 15.0
- 0.0 - 9.0
- No Data
- Johnson County, MO

## Quality of Life Rank

The Quality of Life Rank is based on environment factors including Arthritis/Joint Disease, Atherosclerosis, Breast Cancer, Cancer, Chronic Diseases, Colorectal Cancer, COPD, Diabetes, ED Utilization, Female Genital Cancer, Gastrointestinal Cancer, Heart Disease, Hospital Utilization, Hypertension, Inpatient Utilization, Kidney Disease, Liver Disease, Low Birthweight, Lung Cancer, Lymphatic Cancer, Male Genital Cancer, Mental Health, Nonspecified Cancer, Other Cancer, Secondary Malignancies, Skin Cancer, Stroke, Urinary Cancer, and Uterine/Cervical Cancer.

ZIP Code	ZIP Name	County	Quality of Life Index Score	Quality of Life Rank (of 937)
64011	Bates City	Johnson	-0.46	290
64726	Blairstown	Johnson	-0.17	457
64019	Centerview	Johnson	-0.05	526
64733	Chilhowee	Johnson	-0.89	94
64040	Holden	Johnson	0.06	581
64061	Kingsville	Johnson	0.43	726
65336	Knob Noster	Johnson	-0.75	142
64761	Leeton	Johnson	0.08	589
64093	Warrensburg	Johnson	-0.55	237
65305	Whiteman AFB	Johnson	-0.97	70

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings, 2021 Source geography: ZIP



Quality of Life Outcomes Rank (of 937) by ZIP Code, ZHR 2021

- 706 - 937
- 471 - 705
- 236 - 470
- 1 - 235
- No Data
- Johnson County, MO

## **Dissemination Plan**

The CHNA process and strategic implementation of the resulting implementation plan are only the first steps to identifying needs and determining areas of priority. The CHNA is not considered “conducted” until the written report is made widely available to the public. Furthermore, dissemination of the CHNA report is a critical step in addressing the community’s health status and needs.

Western Missouri Medical Center will make its CHNA widely available to the public through various means.

- The written report will be made available on WMMC’s website at <https://www.WMMC.com/CHNA>.
- A printed copy of the report will be available to the public upon request, free of charge, by contacting WMMC’s Communication & Development Office at [communityrelations@wmmc.com](mailto:communityrelations@wmmc.com) or (660) 262-7464.
- In addition, a paper copy will be available in WMMC’s Communications & Development Office at 403 Burkarth Road, Warrensburg, MO 64093.
- In September 2022, a WMMC executive will communicate the availability of the CHNA report on the local radio station, KOKO. They will explain the various methods of obtaining a copy of the report.
- A flyer will be made available to the Chambers of Commerce within WMMC's primary service area, as well as the Warrensburg Community Center. This flyer will have a scannable QR code linking the CHNA report.

## **Community Resources**

Information about community resources is provided in the Johnson County and resource documents available in the appendix.

## **Appendices**

- County Health Rankings & Roadmaps, Robert Wood Johnson Foundation
- 2021 Status Report on Missouri's Substance Use and Mental Health
- Johnson County Resource Directory
- Johnson County Community Health Services
- Western Missouri Medical Center Primary Care Provider List
- Western Missouri Medical Center Market Share Primary Service Area FY 2019 - 2021
- Focus Group Materials:
  - CHNA Survey Template
  - Survey Promotional Flyer
  - Star Journal Article
  - Agenda
  - Presentation
- About Quality Works®

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The 2022 Rankings include deaths attributable to COVID-19 from 2020. See our FAQs for more information on COVID-specific data.

## Johnson (JO) 2022 Rankings

Download Missouri Rankings Data

### County Demographics

	County	State
Population	54,219	6,151,548
% below 18 years of age	21.4%	22.3%
% 65 and older	13.1%	17.7%
% Non-Hispanic Black	4.6%	11.5%
% American Indian & Alaska Native	0.7%	0.6%
% Asian	1.8%	2.2%
% Native Hawaiian/Other Pacific Islander	0.3%	0.2%
% Hispanic	5.1%	4.5%
% Non-Hispanic White	85.1%	79.0%
% not proficient in English **	0%	1%
% Females	48.8%	50.9%
% Rural	50.4%	29.6%

	County	Error Margin	Top U.S. Performers ^	Missouri
<b>Health Outcomes</b>				
<b>Length of Life</b>				
Premature death	6,100	5,400-6,800	5,600	8,900
<b>Quality of Life</b>				
Poor or fair health **	18%	16-21%	15%	18%
Poor physical health days **	4.2	3.9-4.5	3.4	4.0
Poor mental health days **	4.8	4.5-5.1	4.0	4.9
Low birthweight	7%	6-8%	6%	9%
<b>Additional Health Outcomes (not included in overall ranking)</b>				
COVID-19 age-adjusted mortality **	84	61-112	43	87
Life expectancy	78.3	77.5-79.0	80.6	76.6
Premature age-adjusted mortality	350	320-380	290	430
Child mortality	50	30-70	40	60
Infant mortality	4	3-7	4	6
Frequent physical distress **	13%	12-14%	10%	12%
Frequent mental distress **	16%	14-17%	13%	16%
Diabetes prevalence **	9%	9-10%	8%	9%
HIV prevalence	101		38	248
<b>Health Factors</b>				
<b>Health Behaviors</b>				
Adult smoking **	20%	17-22%	15%	20%
Adult obesity **	37%	36-39%	30%	35%
Food environment index	7.2		8.8	6.7
Physical inactivity **	31%	28-34%	23%	30%
Access to exercise opportunities	44%		86%	70%

Excessive drinking **	18%	17-19%	15%	19%
Alcohol-impaired driving deaths	17%	10-25%	10%	28%
Sexually transmitted infections	743.6		161.8	560.8
Teen births	14	12-16	11	23

#### Additional Health Behaviors (not included in overall ranking)

Food insecurity	13%		9%	13%
Limited access to healthy foods	12%		2%	7%
Drug overdose deaths	7	4-13	11	28
Motor vehicle crash deaths	17	13-22	9	15
Insufficient sleep **	35%	33-36%	32%	35%

#### Clinical Care

Uninsured	12%	11-14%	6%	12%
Primary care physicians	2,350:1		1,010:1	1,400:1
Dentists	2,460:1		1,210:1	1,650:1
Mental health providers	620:1		250:1	460:1
Preventable hospital stays	4,126		2,233	4,155
Mammography screening	39%		52%	45%
Flu vaccinations	45%		55%	47%

#### Additional Clinical Care (not included in overall ranking)

Uninsured adults	14%	12-16%	7%	14%
Uninsured children	7%	5-10%	3%	7%
Other primary care providers	1,550:1		580:1	890:1

#### Social & Economic Factors

High school completion	93%	91-94%	94%	91%
Some college	69%	64-74%	74%	67%
Unemployment	5.7%		4.0%	6.1%
Children in poverty	13%	7-18%	9%	16%
Income inequality	3.6	3.3-3.9	3.7	4.5
Children in single-parent households	17%	13-20%	14%	25%
Social associations	9.4		18.1	11.5
Violent crime	191		63	481
Injury deaths	56	47-65	61	96

#### Additional Social & Economic Factors (not included in overall ranking)

High school graduation	94%		96%	91%
Disconnected youth			4%	7%
Reading scores	3.1		3.3	3.0
Math scores	3.1		3.4	3.0
School segregation	0.05		0.02	0.29
School funding adequacy	\$511			-\$223
Gender pay gap	0.82	0.73-0.90	0.88	0.79
Median household income	\$58,400	\$51,400 to \$65,400	\$75,100	\$58,800
Living wage **	\$34.77			\$36.09
Children eligible for free or reduced price lunch	37%		32%	50%
Residential segregation - Black/white	52		27	72
Residential segregation - non-white/white	29		16	55
Childcare cost burden **	21%		18%	16%
Childcare centers **	6		12	6
Homicides	3	1-5	2	10
Suicides	16	11-21	11	19
Firearm fatalities	14	10-19	8	21
Juvenile arrests	31			28

#### Physical Environment

Air pollution - particulate matter	7.5		5.9	8.2
Drinking water violations	No			
Severe housing problems	14%	12-16%	9%	13%
Driving alone to work	81%	79-83%	72%	81%
Long commute - driving alone	28%	25-31%	16%	32%

#### Additional Physical Environment (not included in overall ranking)

Traffic volume	93			368
Homeownership	62%	60-64%	81%	67%
Severe housing cost burden	10%	8-12%	7%	11%
Broadband access	88%	85-90%	88%	83%

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

\*\* Data should not be compared with prior years

Note: Blank values reflect unreliable or missing data

# JOHNSON COUNTY

## MENTAL ILLNESS TREATMENT SERVICES – DIVISION OF BEHAVIORAL HEALTH



**PLANNING REGION** Northwest  
**PSYCHIATRIC SERVICE AREA** 7  
**CENSUS 2010** 52,595  
**2019 POPULATION ESTIMATE** 54,062

Individuals who received psychiatric services had the following types of disorders. The total number of diagnoses is larger than the number served because some individuals had more than one type of disorder.

DIAGNOSIS CATEGORY	FY2020	FY2019	FY2018
Anxiety and Fear Disorders	322	206	155
Bipolar Mood Disorders	188	150	144
Depressive Mood Disorders	350	292	273
Developmental and Age Related Disorders	97	62	64
Impulse Control and Conduct Disorders	60	42	33
Personality Disorders	27	14	12
Schizophrenia and Psychotic Disorders	83	69	65
Sexual Disorders	0	0	0
Trauma and Stress Related Disorders	264	145	124
Other Disorders	*	*	6
Diagnosis Unknown	*	36	18
<b>Total Disorders Diagnosed</b>	<b>1,398</b>	<b>1,020</b>	<b>894</b>

The profiles below summarize individuals who received clinical services from the Division of Behavioral Health psychiatric programs. Individuals are counted only once based on their first treatment episode of the fiscal year. Information that was not reported is listed as unknown. An asterisk (\*) in a data cell indicates the count was fewer than five (5) and suppressed to avoid disclosing identifying information.

	FY2020	FY2019	FY2018		FY2020	FY2019	FY2018
<b>NUMBER SERVED</b>				<b>EDUCATION</b>			
Total Individuals Served	607	696	614	Less than High School Diploma	208	210	199
<b>AGE</b>				High School Grad or G.E.D.	223	276	253
Under 6	7	6	6	Associate Degree or Some College	107	83	92
6 to 9	35	35	24	Bachelor or Advanced Degree	29	30	27
10 to 13	50	50	41	Education Level Unknown	41	97	43
14 to 17	50	49	42	<b>EMPLOYMENT</b>			
18 to 24	55	88	70	Employed	26	39	24
25 to 29	46	55	48	Unemployed	17	40	26
30 to 34	58	67	55	Not in Labor Force	63	104	74
35 to 39	50	61	61	Employment Status Unknown	502	513	490
40 to 44	56	64	62	<b>HOUSING / LIVING ARRANGEMENT</b>			
45 to 49	62	64	65	Independent Living	335	379	339
50 to 54	48	57	57	Dependent Living	72	86	70
55 to 59	55	56	47	Homeless	24	32	47
60 and Over	35	44	36	Other	159	152	138
Age Unknown	0	0	0	Housing Unknown	18	47	20
<b>GENDER</b>				<b>TREATMENT REFERRAL SOURCE</b>			
Male	253	278	260	Self / Family / Friend	436	528	494
Female	354	418	354	School	*	*	*
Gender Unknown	0	0	0	Mental Health Provider	50	44	47
<b>RACE / ETHNICITY</b>				Health Care Provider	53	49	41
Caucasian	534	603	543	Court / Criminal Justice	5	*	*
African American	36	41	38	Other	55	64	24
Native American / Alaskan	*	*	*	Referral Source Unknown	5	6	*
Asian / Pacific Islander	*	*	*	<b>TYPE OF COMMITMENT</b>			
Hispanic	15	23	16	Voluntary	601	687	609
Other Race	33	44	26	Civil	0	*	*
Race/Ethnicity Unknown	0	0	0	Criminal	6	7	*
<b>TREATMENT ACCOMMODATION</b>				Sexual Predatory	0	0	0
Hearing Impaired	12	14	8	Commitment Type Unknown	0	0	0
Past or Current Military Service	17	17	15				

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## Regional, State, and National Resources

**American Red Cross – KC Area** (816) 931-8400  
Conducts CPR and First Aid training. Emergency preparedness. Worldwide communication for service members and family in emergencies. Childcare/babysitting classes. Disaster services & response.

**Child Abuse Prevention Association (CAPA)** (816) 252-8388  
www.childabuseprevention.org

**Child Care Aware of Missouri** (800) 200-9017  
Formerly Missouri Child Care Resources Referral Network. Child Care Aware of America ensures families in every local community have access to quality, affordable child care.

**Domestic Violence Hotline – Metro KC Area** (816) 468-5463

**Domestic Violence Hotline – National** (800) 799-SAFE (7233)  
www.ndvh.org

**Family Support Division – State Office** (573) 751-3221

**First Call Alcohol Drug Prevention & Recovery (NCADD) – KC Metro** (816) 361-5900  
National Council on Alcoholism & Drug Dependence  
633 E. 63<sup>rd</sup> St, Kansas City, MO 64110-3301

Information, education, prevention, referral & assessment services for alcoholism, tobacco and other forms of addiction. Gives presentations to schools & organizations.

**Health Clinics, Free or Income Based Help** (913) 248-9962  
Rogers-Lafayette (660) 259-3823 Mercy & Truth Med. Missions – Raytown  
Swope Parkway – KC (816) 923-5800 Katy Trail Community Health – Sedalia (660) 826-4774

**Homeless Information Center – Metro KC Area** (816) 842-1199

**Housing Authority** (866) 441-7352  
Assistance with housing, with a waiting list. (cannot provide immediate help)

**Missouri Career Center – Job Service** (660) 530-5627  
215 E. 5<sup>th</sup> St, Sedalia Assist in finding employment.

**Missouri Child Abuse & Neglect Hotline** (800) 392-3738  
Outside Missouri (573) 751-3448

**National Council on Child Abuse & Family Violence** (202) 429-6695  
www.nccafv.org

**National Suicide Prevention Lifeline** (800) 273-TALK (8255)  
www.nationalpreventionlifeline.org

**Parent Link** (800) 552-8522  
Offers parenting information and loan library. All information is free and kept confidential.

**Parental Helpline** (800) 367-2543  
A helpline for those who feel they need to get help for child abuse.

**Parents Anonymous of Missouri** (909) 621-6184  
www.parentsanonymous.org Ext. 218

**Poison Control** (800) 222-1222

**Prevent Child Abuse America – National** (800) CHILDREN (244-5373)  
www.preventchildabuse.org

**Valley Hope Alcohol & Drug Treatment Center** (800) 544-5101  
Boonville, MO

Updated 02/11/2019 Agency/Community Contacts/Community Resource

Compiled and Distributed by:  
**Johnson County**  
**Resources**  
Revised 02/2019



**JOHNSON COUNTY**  
COMMUNITY HEALTH SERVICES  
*Home Health • Public Health • WIC*

**Johnson County Community Health Services** (660) 747-6121  
723 PCA Rd, Warrensburg Fax (660) 747-1294 www.johnsoncountyhealth.org

**In the Home**  
Referrals; Home Health visits for those with a medical need and physician order.

**In the Community**  
Screening clinics; Health education; Communicable disease control; School health/daycare consulting.

**In the Health Center**  
Pregnancy testing; breastfeeding support education; temporary Medicaid for pregnant women; confidential HIV and STD testing; blood pressure checks daily; lead and TB testing; case management.

**Immunization Clinic**

Everyday 8:00 am to 4:30 pm. Child's previous immunization record required. Medicaid and most health insurance companies can be billed, insurance card required. Call or visit our website to view available insurance companies. Cost determined at time of visit, when applicable. Credit card information may be required. Patient should be free of illness.

**Vital Records Available** (While You Wait- Cash, check or credit/debit card w/convenience fee.)  
Certified Birth Certificates for registered births in MO from 1920. \$15 each

\$13 first, \$10 each additional

**Environmental Health – Ext. 258**

Provide education, resources and complaint investigation of those things impacting our environment. Inspections of food establishments, onsite wastewater treatment system construction and repair, child care providers and lodging facilities.

**WIC (Women, Infants, and Children) – Call (660) 747-2012**

A special supplemental nutrition program which provides services to pregnant women, new mothers, infants and children up to their 5th birthday based on nutritional risk and income eligibility. The primary services provided are health screening, risk assessment, nutrition education and counseling, breastfeeding promotion and referrals to healthcare. Supplemental food is provided at no cost to participants.

This institution is an equal opportunity provider.



Johnson County Community Health Services is excited to offer an

## Enhanced Immunization Program

Through a partnership with Vaxcare, Inc., we are now offering *insured* adults and children a wide variety of vaccines.

VaxCare has contracts with 20+ health insurance companies and will bill them for the vaccines.

**Immunization Saves Lives**



**Adult Literacy Program**

432 N. Holden St (Trails Regional Library), Warrensburg

Free one-on-one tutoring for adults with low reading levels.

(660) 429-5442

**Alcoholics Anonymous – Warrensburg**

Meetings held 7 days a week! Substance Abuse Affects You and Your Family!

Increases domestic abuse, neglect and violence. Increases financial strain on the family. Increases occurrences of health problems and risk of future problems. If you or someone you know needs help, get them help.

(660) 747-6313

**Big Brothers & Big Sisters** 608 N. College St. Warrensburg

Provides mentoring services to Johnson County youth through community based and school based programs.

(660) 429-1991

**Bittersweet Place – For grieving children, teens & families** (660) 624-3030

Information and assistance designated to link individuals to appropriate services.

(800) 748-7826

**Care Connection**

Information and assistance designated to link individuals to appropriate services.

(660) 747-3107 or (816) 659-8308

**Catholic Charities – Veteran's Services** (816) 344-3699 or (816) 659-8308

Assisting veterans who are homeless or in danger of homelessness. Also supports return to successful independent living.

**Child Support Enforcement** (660) 543-7962  
505 Ridgeview Dr., Suite A, Warrensburg  
Modify child support order, establishment and enforcement of child support, medical support orders, and establishment of paternity for children born out of wedlock.

**Community Clothes Closet** (660) 429-0170  
Accepts and distributes free clothing, towels, sheets, kitchen ware, etc.  
Hours: Tuesday, Thursday, & Saturday 9:00 am-12:00 pm

**Department of Social Services – Family & Youth Division** (660) 543-7900  
505B Ridgeview Dr., Suite A, Warrensburg Family Support Division Info Hotline (855) 373-9994  
Medicaid, Food Stamps, Energy Assistance (Low Income Home Energy Assistance Program), Futures Program, MC Plus

**Food Pantry & Outreach Services** NO PHONE  
Food Pantry located on Culton & College, Warrensburg.  
Open Tues & Thurs 1:00-4:00 pm & Saturday 9:00-11:00 am (Must go to office to schedule appointment).

**Fuller Center for Housing** (660) 429-2763  
Provides simple affordable homes for qualified low-income buyers. Call for donation info, volunteering or home ownership.

**Grief Support Group – WSBG First Baptist Church as of 01/2017** (660) 747-9186  
**Head Start** (660) 429-1144  
Warrensburg  
Knob Noster (660) 563-3751  
This is a preschool program for three and four year olds of families who meet income and qualification guidelines. Early Head Start helps pregnant teens and children birth to age 3.

**Johnson County Board of Services** (660) 747-9404  
200 N. DeVasher Rd, Warrensburg  
The Board of Services provides services for individuals with development disabilities.

**Johnson County Cancer Foundation** (660) 747-9511

**Johnson County Emergency Management** (660) 747-2666  
122 Hout St.#A, Warrensburg  
Disaster preparedness training and information.

**Johnson County Sheltered Workshop** (660) 747-7990  
607 N Ridgeview Dr, Warrensburg  
The workshop provides meaningful, dignified employment to the diversely abled individuals they serve through light assembly &, production work, Ridgeview Café, Helping Hands Thrift Store, and a 24/7 recycling center.

**Johnson County United Way** (660) 747-5174  
Jennifer English, Executive Director

**Legal Aid of Western Missouri** (660) 747-7101 or (816) 474-6750  
305 N. Holden St., P.O. Box 396 Warrensburg  
Provides civil legal representation in income maintenance (denials of public assistance benefits); housing (landlord/tenant); utilities; employment; consumer; and domestic relations. Applicants must meet income guidelines and live within the 13 county areas.

**Missouri Valley Community Action Agency** (660) 747-2245  
124 N. Holden St, Warrensburg Fax (660) 429-5557  
Individual Development Account, Section 8 housing, weatherization program, crisis intervention, free income tax, diaper assistance. Provides electric and gas assistance.

**New Beginnings** (660) 429-3800  
208 E. Gay St, Warrensburg  
Pregnancy Resource Center/Pregnancy Tests, Ultrasound, Caring Counsel, Support Services, Abortion Recovery, Real Choices for Real Life.  
Open Mon & Thurs 1-2-7, Wed 1-3.

**OATS Bus (Seniors Only)** (800) 276-6287  
Local - Warrensburg Senior Center (660) 827-2611  
Medicaid ONLY Non-Emergency Medical Transportation (866) 269-5927  
www.dss.mo.gov/mhd/participants/pages/medtrans

**Pathways** (660) 747-7127  
Substance abuse counseling, mental health counseling. Sliding scale fee.

**Pathways Adult Residential Recovery** (660) 747-1355  
Addiction Recovery.

**Pathways Community Behavioral Healthcare, Inc** (660) 747-2286  
Substance abuse counseling, mental health counseling. Sliding scale fee.

**Recovery Lighthouse, INC** (660) 429-2222  
107 E. Culton St, Warrensburg

Provides counseling for chemically-dependent people & families. Offer education groups, programs & parenting classes.

**Salvation Army Store** (660) 422-4303  
Salvation Army Social Services 123 N. Holden St, Warrensburg (660) 422-4304

**School District Offices & Parents as Teachers**  
Warrensburg R-VI  
438 E Market St, Warrensburg (660) 747-7823  
Warrensburg Parents as Teachers (660) 747-7424  
1612 S. Main St, Holden (816) 732-5568  
92 NW 58 Hwy, Centerville (660) 656-3316  
101 E Adriatic St, Kingsville (816) 597-3422  
500 N. Main St, Leeton (660) 653-2301  
Chilhowee R-IV 101 SW State Route 2, Chilhowee (660) 678-2511  
Knob Noster R-VIII 401 E Wimer St, Knob Noster (660) 563-3186  
WAFB Parents as Teachers (660) 563-5598  
204 SW 11<sup>th</sup> St, Concordia (660) 463-7235  
Concordia Parents as Teachers (660) 463-2261  
805 W. 31<sup>st</sup> St, Higginsville (660) 584-3631  
Lafayette Co. C-1 Lafayette County Parents as Teachers (660) 584-6069  
Odessa R-VII 701 South Third Street, Odessa (816) 633-5316

Parents as Teachers offers practical help for families with children birth to school age. Services include personal visits, group meetings, activity nights, and yearly screenings to check a child's development. Prenatal visits are also offered to expectant families.

**UCM Speech and Hearing Clinic** TTY (660) 543-4993  
Adult and child diagnostic / therapy services for hearing & speech language. Hearing aids and TTY machine.

**Survival House Adult Abuse** Hotline (660) 429-2847  
Office (660) 429-1088 National (800) 846-7597  
Physical & sexual abuse victim services, support groups, residential shelter, advocacy, assistance with housing, daycare, welfare, job training, parenting classes, etc.

**Veteran's Supported Housing (Catholic Charities)** (800) 875-4377  
Housing assistance in Johnson County area.

**Warrensburg City Hall** (660) 747-9131  
Property Maintenance Code Questions: Ask for Neighborhood Services Coordinator.

**Warrensburg Senior Center** (660) 747-2624  
445 E Gay St, Warrensburg

**West Central Independent Living Solutions (WILS)** (660) 422-7883  
610 N. Ridgeview Dr, Warrensburg TTY (660) 422-7894 Toll Free (800) 236-5175  
Housing outreach, recreational / therapeutic / transportation services, internet & computer access, ADA information, technical assistance, personal attendant services, and employment info for persons with disabilities.

**Western Missouri Medical Center** (660) 747-2500  
Acute care hospital & skilled nursing facility, CPR, Good Grief support group, breast cancer support group, cancer support group, diabetes awareness support group, Fibromyalgia support group, infant loss support. Referrals to health care. Lactation Consultant: (660) 262-7519

**Whiteman AFB Family Advocacy** (660) 687-4341  
Classes and Seminars Offered: New Parent Support Program; Love and Logic; Anxiety/Stress Management; Prevention & Relationship Enhancement Program (PREP); Couples Communication; Dads the Basics; Victim Advocate Services

**Whiteman AFB Airman and Family Readiness Center** (660) 687-7132  
Food Pantry; Military Family Life Consultants (MFLC) Individual and Family Counseling  
Military ID required to participate in WAFB classes.

Equal opportunity programs. Services provided without discrimination because of race, color, national origin, sex, age, or disability.

# JoCo HELPS

Your Community Resources for Needs that Matter

JoCo Helps is a tool to connect you with different Johnson County resources.

Please click on the topic you would like to find available resources:

- [Emergency](#)
- [Abuse Help and Support](#)
- [Child Resource](#)
- [Classes and Education](#)
- [Educational Assistance](#)
- [Elderly and Aging Resources](#)
- [Employment Assistance](#)
- [Family Assistance](#)
- [Food & Clothing Assistance](#)
- [Health Care](#)
- [Housing Assistance](#)
- [Legal and Tax Assistance](#)
- [Local Government](#)
- [Mental Health Support & Resources](#)
- [Non-Profit Assistance](#)
- [Substance Abuse Help](#)
- [Support Groups](#)
- [Therapy Resources](#)
- [Transportation Assistance](#)

[Click here for a printable copy](#)

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## Emergency

Poison Control – 800-222-1222

Johnson County Missouri Sheriff – 660-747-6469

**For emergency call 911**

Johnson County Ambulance – 660-747-5735

If you are having a medical emergency, severe injury, stroke, or heart attack, do not delay. **Call 911**. A person's survival and recovery depends directly on the time it takes to receive treatment.

Warrensburg Fire Department – 660-747-9136

**For emergency call 911**

## Western Missouri Medical Center Emergency Care

24 hours / day | 7 days / week

403 Burkarth Road,

Warrensburg, MO 64093

**If you are currently having a medical emergency, please call 9-1-1.**

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## Abuse Help and Support

**Survival House – 660-429-1088**

Physical & sexual abuse victim services, support groups, residential shelter, advocacy, assistance with housing, daycare, Welfare, job training, parenting classes, etc.

**Child Abuse Prevention Association (CAPA) – 816-252-8388**

**Domestic Violence Hotline – Metro KC Area – 816-HOT-LINE (468-5463)**

**Domestic Violence Hotline – National – 800-799-SAFE (7233)**

**Missouri Child Abuse & Neglect Hotline – 800-392-3738**

**National Council on Child Abuse & Family Violence – 202-429-6695**

**Parental Helpline – 800-367-2543**

A helpline for those who feel they need to get help for child abuse.

**Prevent Child Abuse America – 800-244-5373**

**UCM Title IX Support Line – 660-441-4855**

UCM students who need support or assistance related to sexual misconduct may call this line.

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## Child Resource

**Big Brothers & Big Sisters – 660-426-1991**

Provides mentoring services to Johnson County youth through community based and school based programs.

**Head Start – 660-429-1144**

Preschool program for three and four year old children of families who meet income and qualification guidelines. Early Head Start, helping pregnant teens and children birth to age 3.

**Parents as Teachers – Warrensburg – 660-747-7424**



[Child Care Aware of Missouri – 800-200-9017](#)

[Building Blocks Pediatrics – 660-262-7415](#)

[WIC \(Women, Infant, Children\) Benefits – 660-747-2012](#)

The Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) provides for supplemental foods, health care referrals, and nutrition education for low-income pregnant, breastfeeding, and non-breastfeeding postpartum women, and to infants and children up to age five who are found to be at nutritional risk.

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## Classes and Education

[Breastfeeding Class at JCCHS – 660-747-2012](#)

Breastfeeding classes are offered on the 4th Wednesday of January, April, July and October.

[Breastfeeding Class at WMMC – 660-262-7514](#)

Meets the first Tuesday of every month

[Child Birthing Class – 660-262-7514](#)

Meets first and second Wednesday of every month

[CPR/AED & First Aid Class – 660-747-6121](#)

Johnson County Community Health Services provides classroom and online training through the American Heart Association. The classes offered are BLS for Healthcare Providers and Heartsaver CPR/AED & First Aid classes.

[Infant Care Class – 660-262-7514](#)

Meets the third Thursday of every other month

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## Educational Assistance

[Adult Literacy Program – 660-429-5442](#)

Free one-on-one tutoring for adults with low reading levels

[UCM Office of Student Financial Services – 660-543-8266](#)

The Office of Student Financial Services provides financial resources and counseling to assist students in achieving their academic goals.

[Veterans Upward Bound \(VUB\) – 660-543-8124](#)

A free educational program designed to serve the needs of today's veterans. Offering services to prepare participants for academic enrichment.

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## Elderly and Aging Resources

### Care Connection – 800-748-7826

A non-profit Area Agency on Aging serving 13 West Central Missouri counties. We make a difference in the lives of people by providing them with opportunities to create positive aging experiences. We operate 22 locations with the vision that the people we serve will live with maximum independence, respect and dignity.

### Warrensburg Senior Center – 660-747-2624

445 Gay St. suite 128, Warrensburg, MO 64093

### Holden Senior Center – 816-732-5757

204 W. Second St., Holden MO 64040

### Missouri Memory Care

MemoryCare.com is dedicated to providing the best, most comprehensive resources to those struggling with Alzheimer's and dementia, as well as their caregivers and loved ones. Memory care facilities provide those living with Alzheimer's and dementia with care that is tailored to their unique needs. Memory care can take place in its own facility, or as part of a designated wing of another residential care community.

### NeedyMeds:

Find help with the cost of meds.

### Senior Housing – Guide to Independent Living in Missouri

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## Employment Assistance

### Center for Human Services – 660-826-4401 Ext. 310

Individualized community employment support for individuals with disabilities, 24/7 job coaches available. Detailed and individualized benefits planning and assistance with our Certified Benefits Specialist.

### RISE Community Services – 660-747-7990

RISE offers individual opportunities to empower voices and achieve dreams, through community services, employment services, residential services, and vocational services. RISE: helping people to build their perfect lives through community inclusion, self-sufficiency, and individual choices.

### Missouri Department of Elementary & Secondary Education Vocational Rehabilitation – 660-530-5560

Assisting individuals with disabilities or major barriers to work find employment opportunities in the community. Assistance with job training programs leading to careers not just entry level jobs for those individuals with disabilities or barriers to emp

### Missouri Career Center – 660-530-5627

Assistance in finding employment

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## Family Assistance

### Family Support Division Information Line – 855-373-4636

Medicaid, Food Stamps, Energy Assistance (Low Income Energy Assistance Program), Futures Program, MC Plus.

### Connected Hearts – 660-441-3047 or 660-909-2622

Connected Hearts is an organization that provides funds and services donated from the community for needy children to prevent homelessness and help children experiencing homelessness; this is achieved through a school – based referral system. Counselors, social workers and educational personnel identify the children in dire need.

### NeedyMeds:

Help with the cost of medications.

### Survival House – 660-429-1088

Physical & sexual abuse victim services, support groups, residential shelter, advocacy, assistance with housing, daycare, Welfare, job training, parenting classes, etc.

[Salvation Army Social Services](#) – 660-422-4304

[Whiteman AFB Family Advocacy](#) – 660-687-4341

Classes and Seminars Offered: New Parent Support Program; Play Group; Common Sense Parenting; Love and Logic; You, Your Children and Divorce; 1-2-3 Magic!; Anxiety/Stress Management; SHARP Shifting Angry Response Patterns; Prevention & Relationship

[Family Support Division – State Office](#) – 573-751-3221

The Family Support Division can help you or your family with food stamps, health care, child care, child support, and other needs as we support our mission to maintain and strengthen Missouri families.

[Johnson County Extension Office \(University of Missouri\)](#) – 660-747-3193

Offering information, classes and programming including personal financial management, community development, and 4-H clubs.

[Family Planning Services – Katy Trail Community Health \(Sedalia\)](#) – 660-826-4774

[Room 29:11](#) – 660-747-8632

Providing free personal items for children in foster care.

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## Food and Clothing Assistance

[Life Church of the Nazarene](#) – 660-747-89-49

603 E. Hale Lake Rd, Warrensburg, MO 64093. One time assistance with gas and food vouchers

[Shiloh Missionary Baptist Church](#) – 660-747-5608

Nehemiah Feeding Program (free meals Monday – Thursday evenings) and other food assistance.

[Community Clothes Closet](#) – 660-429-0170

251 SE HWY 13, Warrensburg, MO 64093. Open Tuesday, Thursday, and Saturday from 9:00am – Noon.

[The Food Center](#) – 660-747-2241

The Food Center is a nonprofit, cooperative community effort to supplement the food supply of low-income individuals and families.

[ECHO \(Early Childhood Hunger Operation\)](#) – 816-714-9311

117 E. Hunt St, Warrensburg, MO 64093

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## Health Care

[Affordable Health Insurance:](#)

A resource to guide the vulnerable youth and their families through the many different health insurance options available to them, getting them the help they deserve.

[Medicare Eligibility – Medicare Eligibility for People With Disabilities](#)

[New Beginnings](#) – 660-429-3800

Pregnancy Resource Center Pregnancy Tests, Ultrasound, Caring Counsel, Support Services, Abortion Recovery, Real Choices for Real Life. Open Mon & Thurs 12-7, Wed 1-3.

## Compass Health – 660-747-7127

Substance abuse counseling, mental health counseling. Sliding scale fee.

## Western Missouri Medical Center – 660-747-2500

Western Missouri Medical Center is a fully-accredited acute care facility located in Warrensburg, Missouri. As a not-for-profit, county medical center, Western Missouri Medical Center offers comprehensive health care services to residents of Johnson County and west central Missouri.

## Western Missouri Medical Center – Directory of Services – 660-747-2500

Services available at Western Missouri Medical Center

## Western Missouri Medical Center – Express Care Clinic – 660-262-7580

When it's not quite an emergency but urgent enough that you need to be seen today, our nurse practitioners and family physician are here for you.

## Health Clinics – Katy Trail Community Health (Sedalia) – 660-826-4774

## Health Clinics – Swope Parkway (Kansas City) – 816-923-5800

## Health Clinics – Rogers (Lafayette County) – 660-259-3823

### NeedyMeds:

Get help with the cost of medications.

## DENTAL RESOURCES:

### State Fair Dental Hygiene Clinic – 660-596-7309

- Currently accepting new patients
- Affordable dental cleanings, no dental insurance needed, x-rays, exams, dental cleanings, and dental products
- 3201 W 16<sup>th</sup> Sedalia, MO 65301
- POC: Linda Hoffman, RDH, BS, 660-620-0809, Lindardh83@gmail.com

## Health Clinics – Katy Trail Community Health (Sedalia) – 660-851-7765

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## Housing Assistance

### Journey Home – 660-747-3101 -OR- Alt Phone before 5 PM 660-238-3114

Journey Home is more than shelter! We support individuals by providing a safe residence, building support networks, and obtaining safe, adequate housing.

- Permanent Shelter
- 20 Bed facility
- Community Sponsored
- Personalized case management
- Collaborating partner with other agencies

### Fuller Center – 660-429-2763

Provides simple affordable homes for qualified low-income buyers. Call for donation information, volunteering or home ownership

## Missouri Valley Community Action Agency – 660-747-2245

Individual Development Account, Section 8 housing, weatherization program, crisis intervention, free income tax, diaper assistance. Electric and gas assistance.

[Veteran's Supported Housing \(Catholic Charities\) – 800-875-4377](#)

Housing assistance in Johnson County area.

[Homeless Information Center \(Metro KC Area\) – 816-842-1199](#)

[Housing Authority – Warrensburg – 866-441-7352](#)

Assistance with housing

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## Legal Assistance

[Legal Aid of Western Missouri – 660-747-7101](#)

Provides civil legal representation in income maintenance (denials of public assistance benefits); housing (landlord/tenant); utilities; employment; consumer; and domestic relations. Applicants must meet income guidelines and live within the 13 county area

## IRS Volunteer Income Tax Assistance

The Volunteer Income Tax Assistance (VITA) program offers free tax help to people who generally make \$54,000 or less, persons with disabilities and limited English speaking taxpayers who need assistance in preparing their own tax returns.

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## Local Government

[Johnson County Emergency Management – 660-747-2666](#)

Disaster preparedness training and information

[Warrensburg City Hall – 660-747-9131](#)

[Warrensburg Chamber of Commerce – 660-747-3168](#)

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## Mental Health Support & Resources

### **988 Suicide and Crisis**

[Compass Health – 660-747-6313](#)

[National Suicide Prevention Lifeline – 800-273-8255](#)

Free and confidential support for people in distress, prevention and crisis resources for you or your loved ones, and best practices for professionals.

[National Crisis Text Line – Text “MOSAFE” to 741741 \(available 24/7\)](#)

[Johnson County Board of Services – 660-747-2619](#)

Supporting people with developmental disabilities through advocacy, resources and kindness.

### Missouri Department of Mental Health

[National Alliance on Mental Illness Peer HelpLine – 1-800-950-6264 \(10 a.m. to 8 p.m.\)](#)

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## Non-Profit Assistance

Johnson County Cancer Foundation – 660-909-3361

Johnson County United Way – 660-747-5174

Providing support those organizations that are the front-line resources for individuals and families.

**United Way 2-1-1** is a free, confidential, 24-hour information and referral service giving you access to resources in your community.

West Central Independent Living Solutions (WiLs) – 660-422-7883

WILS is a consumer driven, non-residential, 501(c)3 nonprofit resource center that serves people with disabilities in Benton, Henry, Johnson, Lafayette, Pettis, and Saline counties through many programs and our 5 core services:

- Advocacy
- Peer Support
- Independent Living Skills
- Advocacy
- Life Transitions

As a Center for Independent Living (CIL) we empower persons with disabilities to take charge of their lives and live as independently as possible. Fifty-one percent of our staff and board of directors are persons with disabilities; we are who we serve.

American Red Cross – KC Area – 816-931-8400

CPR and First Aid training. Emergency preparedness. Worldwide communication for service members and family in emergencies. Childcare/babysitting classes. Disaster services & response.

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## Substance Abuse Help

Alcoholics Anonymous – Warrensburg – 660-624-4132

Substance Abuse Affects You and Your Family!

Increases domestic abuse, neglect and violence. Increases financial strain on the family. Increases occurrences of health problems and risk of future problems. If you or someone you know needs help, get them help.

Compass Health – Adult Residential Recovery – 660-747-1355

Addiction Recovery.

Compass Health – 660-747-6313

Substance abuse counseling, mental health counseling. Sliding scale fee.

Recovery Lighthouse, INC – 660-429-2222

Provides counseling for chemically-dependent people & families. Offer education groups, programs & parenting classes.

First Call Alcohol/Drug prevention & Recovery – 816-361-5900

Information, education, prevention, referral & assessment services for alcoholism, tobacco and other forms of addiction. Gives presentations to schools & organizations.

Valley Hope Alcohol & Drug Treatment Center – 800-544-5101

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## Support Groups

Diabetes Ask the Educator Support Group – 660-262-7425

This group is for anyone diagnosed with diabetes and those who support them.

## Mom to Mom Breastfeeding Support Group – 660-262-7519

## Bariatrics Support Group – 660-747-5558

This group is for anyone who has had or is considering having bariatric surgery and those who support them.

## Different Strokes for Different Folks – 660-262-7536

This group is for anyone who has survived stroke or brain injuries and those who support them.

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## Therapy Resources

### UCM Speech & Hearing Clinic – 660-543-4933 (TTY)

Diagnostic services for hearing and speech language for adults and children, speech therapy available. Hearing aids and a TTY machine.

### Western Missouri Medical Center – Therapy Services

- Physical Therapy – 660-262-7536
- Speech Therapy – 660-262-7536
- Occupational Therapy – 660-262-7536
- Pediatric Rehab – 660-262-7536

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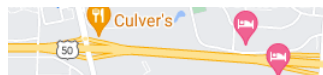
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## Transportation Assistance

### OATS Bus (Seniors Only) – 866-269-5927

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723 PCA Rd, Warrensburg, MO 64093  
Main Phone (660) 747-6121    WIC Phone (660) 747-2012  
WIC and Public Health FAX (660) 747-1294  
Home Health FAX (660) 747-6087  
Office Hours: Monday - Friday, 8:00 am - 4:30 pm

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# Area Health Care Provider



As of 09/09/22

## BREASTFEEDING SERVICES

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### **Breastfeeding Services**

Ruthie Porter, RN, BSN, IBCLC

Hours : Monday – Friday 9:00 am – 2:00 pm  
Address : 403 Burkarth Rd,  
Warrensburg, Mo 64093  
Phone : (660) 262-7519

## CARDIOLOGY

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### **Cardiac and Pulmonary Rehabilitation**

Hours : Monday - Friday 7:30 am – 6:00 pm  
Address : 403 Burkarth Rd,  
Warrensburg, MO 64093  
Phone : (660) 262-7538

### **Cardiology**

### **Hospitalists**

Hours : 24 hours / day | 7 days / week  
Address : 403 Burkarth Road,  
Warrensburg, MO 64093  
Phone : (816) 394-9044

## CLINICAL NUTRITION SERVICES

---

### Clinical Nutrition Services

Hours : By Appointment  
Address : 403 Burkarth Rd,  
Warrensburg, Mo 64093  
Phone : (660) 262-7501  
Scheduling : (660) 262-7370

## EAR, NOSE, AND THROAT

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### ENT (Ear, Nose & Throat)

Mark Covington, MD

Hours : Monday – Thursday 8:00 am – 5:00 pm  
Friday 8:00 am – 4:00 pm  
Address : 407 Burkarth Rd, Suite 302  
Warrensburg, Mo 64093  
Phone : (660) 747-5558

## EXPRESS CARE

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### Warrensburg Express Care

Dawn Diamond, FNP-BC  
Patricia Gawf Garcia, FNP-BC  
Jill Cobb, FNP-BC

Hours : Monday – Friday 8:00 am – 8:00 pm;  
Saturday & Sunday 8:00 am – 5:00 pm  
Address : 427 Burkarth, Innes 1, Suite A,  
Warrensburg, MO 64093  
Phone : (660) 262-7580  
Save Your Spot : <https://wmmc.com/savemyspot/>

## FAMILY MEDICINE

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## Central Family & Sports Medicine

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 407 E. Russell Ave, Building C,  
Warrensburg, Mo 64093  
Phone : (660) 747-5114

Krystal Scarbrough, DNP, AGPCNP-BC,  
CCRN  
Angela Phelps, M.D.  
Brent Hoke, D.O.  
Drew Glover, M.D.  
David Glover, M.D.  
Dana Brewington, M.D.  
Douglas Anderson, M.D.

## Family Practice of Central Missouri – Higginsville

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 1200 W 22nd St,  
Higginsville, Mo 64037  
Phone : (660) 262-7751

Christopher Koehn, DO  
Megan Stutheit, FNP  
Haley Maxon, MSN, BC/FNP  
Kendra Butner, R.N., MSN, BC/FNP, CDE  
Jason Snowden, M.D.  
David Pulliam, D.O.  
Stephanie Long, M.D.  
Jayne Brockhaus, M.D.

## Family Practice of Central Missouri – Warrensburg

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 513 Burkarth Rd,  
Warrensburg, Mo 64093  
Phone : (660) 747-7751

Brandon Abbott, DO  
Haley Maxon, MSN, BC/FNP  
Kendra Butner, R.N., MSN, BC/FNP, CDE  
Jason Snowden, M.D.  
David Pulliam, D.O.  
Stephanie Long, M.D.  
Jayne Brockhaus, M.D.

## Western Missouri Family Healthcare – Concordia

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 905 S. Main St,  
Concordia, Mo 64020  
Phone : (660) 463-7966

Megan Stutheit, FNP  
Sarah Kirchhoff, M.D.

## Western Missouri Family Healthcare – Knob Noster

Sara Howe, MD

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 600 E. Allen St, Suite A,  
Knob Noster, Mo 65336  
Phone : (660) 563-5555

## GENERAL SURGERY

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### Surgical Services

Brandon Machicao, D.O.  
Amira Ghazali, M.D.

Hours : Monday – Thursday 8:00 am – 5:00 pm  
Friday 8:00 am – 4:00 pm  
Phone : (660) 747-5558  
Address : 407 Burkarth Rd, Suite 302,  
Warrensburg, Mo 64093

## GYNECOLOGY

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### Women’s Health (OB/GYN)

Emily Martinez, DNP, CNM, IBCLC  
Jillian Simmons, CNM  
Adonius Wright, WHNP-BC, ANP-BC  
Krysta Ramirez-Henry, CNM  
Deborah Gregory, D.O.  
Lynn Birchmier, D.O.  
Ashley Alumbaugh, M.D.

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 415-A Burkarth Rd,  
Warrensburg, Mo 64093  
Phone : (660) 429-2228

## HORMONE REPLACEMENT THERAPY

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### Hormone Therapy

Hours : Monday – Friday 9:00 am – 5:00 pm

Address : 415-A Burkarth Rd,  
Warrensburg, Mo 64093  
Phone : (660) 429-2228

## INTERNAL MEDICINE

---

### **Warrensburg Internal Medicine**

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 511 Burkarth Rd, Warrensburg, Mo  
64093  
Phone : (660) 747-8154

Sridhar Thirumalai, M.D.  
Syed Hasan, M.D.  
Bradford Carper, D.O.

## LABORATORY

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### **Clinical Laboratory**

Hours : Outpatient Procedures: Monday – Friday 6  
am – 5 pm;  
24/7 for Emergency and Inpatient needs.  
For after-hour or weekend laboratory needs,  
patients will need to register for lab services  
through the Emergency Room registration desk.  
Address : 403 Burkarth Rd, Warrensburg, Mo  
64093  
Phone : (660) 262-7450  
Fax : (660) 262-7572

## NEPHROLOGY

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### **Nephrology**

Omkar Vaidya, MD

Hours : One Tuesday a month from 8:30 am – 4:00 pm  
Phones Answered Monday – Thursday 8:00 am – 5:00 pm; Friday 8:00 am – 4:00 pm  
Address : 407 Burkarth, Suite 302  
Warrensburg, Mo 64093  
Phone : (660) 262-7420

## OBSTETRICS

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### Obstetrics

Hours : 24/7  
Address : 403 Burkarth Rd,  
Warrensburg, Mo 64093  
Schedule a Tour : (660) 262-7514

Jillian Simmons, CNM  
Jason Snowden, M.D.  
Krysta Ramirez-Henry, CNM  
Stephanie Long, M.D.  
Deborah Gregory, D.O.  
Lynn Birchmier, D.O.  
Ashley Alumbaugh, M.D.

### Women's Health (OB/GYN)

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 415-A Burkarth Rd,  
Warrensburg, Mo 64093  
Phone : (660) 429-2228

Emily Martinez, DNP, CNM, IBCLC  
Jillian Simmons, CNM  
Adonius Wright, WHNP-BC, ANP-BC  
Krysta Ramirez-Henry, CNM  
Deborah Gregory, D.O.  
Lynn Birchmier, D.O.  
Ashley Alumbaugh, M.D.

## OCCUPATIONAL THERAPY

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### Occupational Therapy

Hours : Monday – Friday 7:00 am – 6:00 pm  
Address : 403 Burkarth Road  
Warrensburg, Mo 64093  
Phone : (660) 262-7536  
Central Scheduling : (660) 262-7370

## ONCOLOGY

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### Oncology

Hours : Monday - Friday  
7:00 am – 4:30 pm  
Address : 403 Burkarth Road  
Warrensburg MO 64093  
Phone : (660) 262-7730

Shea Fijal, RN-BSN, FNP – BC  
Jaswinder Singh, MD

## ORTHOPEDECS

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### Orthopedics

Hours : Monday – Thursday 8:00 – 5:00 pm  
Friday 8:00 am – 4:00 pm  
Address : 407 Burkarth Rd, Suite 201,  
Warrensburg, Mo 64093  
Phone : (660) 747-2228

Christopher Wittgren, D.O.  
Aaron Rupp, D.O.  
Drew Glover, M.D.  
Dana Brewington, M.D.  
Greg Bliss, M.D.

## PAIN MANAGEMENT

---

### Western Missouri Interventional Pain Center

Hours : Monday – Thursday 7:00 am – 4:00 pm;  
Address : 407 Burkarth Road, Suite 301,  
Warrensburg, Mo 64093  
Phone : (660) 262-7520

Ihab Doss, M.D.

## PEDIATRIC REHABILITATION

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## Pediatric Rehabilitation Services

Hours : Monday – Friday 7:30 am – 6:00 pm  
Address : 403 Burkarth Rd,  
Warrensburg Mo 64093  
Phone : (660) 262-7536

## PEDIATRICS

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### Building Blocks Pediatrics

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 510 Foster Lane, Suite 201,  
Warrensburg, Mo 64093  
Phone : (660) 262-7415

Jackie Yates, D.O.  
Nedra Twillie, M.D.  
Victor Lovell, M.D.  
Muhammad Asif, M.D.

### Central Family & Sports Medicine

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 407 E. Russell Ave, Building C,  
Warrensburg, Mo 64093  
Phone : (660) 747-5114

Krystal Scarbrough, DNP, AGPCNP-BC,  
CCRN  
Angela Phelps, M.D.  
Brent Hoke, D.O.  
Drew Glover, M.D.  
David Glover, M.D.  
Dana Brewington, M.D.  
Douglas Anderson, M.D.

### Family Practice of Central Missouri – Higginsville

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 1200 W 22nd St,  
Higginsville, Mo 64037  
Phone : (660) 262-7751

Christopher Koehn, DO  
Megan Stutheit, FNP  
Haley Maxon, MSN, BC/FNP  
Kendra Butner, R.N., MSN, BC/FNP, CDE  
Jason Snowden, M.D.  
David Pulliam, D.O.  
Stephanie Long, M.D.  
Jayne Brockhaus, M.D.



## **Family Practice of Central Missouri – Warrensburg**

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 513 Burkarth Rd,  
Warrensburg, Mo 64093  
Phone : (660) 747-7751

Brandon Abbott, DO  
Haley Maxon, MSN, BC/FNP  
Kendra Butner, R.N., MSN, BC/FNP, CDE  
Jason Snowden, M.D.  
David Pulliam, D.O.  
Stephanie Long, M.D.  
Jayne Brockhaus, M.D.

## **Western Missouri Family Healthcare – Knob Noster**

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 600 E. Allen St, Suite A,  
Knob Noster, Mo 65336  
Phone : (660) 563-5555

Sara Howe, MD

## PHYSICAL THERAPY

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### **Physical Therapy**

Hours : Monday – Friday 7:00 am – 6:00 pm  
Address : 403 Burkarth Rd,  
Warrensburg, Mo 64093  
Phone : (660) 262-7536  
Central Scheduling : (660) 262-7370

## PULMONOLOGY

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### **Cardiac and Pulmonary Rehabilitation**

Hours : Monday - Friday 7:30 am – 6:00 pm  
Address : 403 Burkarth Rd,  
Warrensburg, MO 64093

Phone : (660) 262-7538

## **Pulmonology**

Hours : Monday – Thursday 8:00 am – 5:00 pm;

Friday 8:00 am – 4:00 pm

Address : 407 Burkarth Rd, Suite 302,

Warrensburg, Mo 64093

Phone : (660) 262-7401

Omkar Vaidya, MD

Jacquelyn Addington, RN-BSN, CNRN,  
FNP

Mark Pluym, M.D.

## **RADIOLOGY**

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### **Diagnostic Imaging**

Hours : Monday – Friday 7:00 am – 5:30 pm

24-hour Emergency Services

Address : 403 Burkarth Rd,

Warrensburg, Mo 64093

Phone : (660) 262-7530

Scheduling : (660) 262-7370

## **RESPIRATORY THERAPY**

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### **Respiratory Therapy**

Hours : 24/7

Address : 403 Burkarth Rd,

Warrensburg, Mo 64093

Phone : (660) 262-7360

Phone : (660) 747-2500 ext. 4230

## **RHEUMATOLOGY**

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## Rheumatology

Neha Chaudhry, M.D.

Hours : Call to schedule an appointment Monday – Thursday 8:00 am – 5:00 pm; Friday 8:00 am – 4:00 pm

Address : 407 Burkarth Rd, Suite 302,  
Warrensburg, Mo 64093  
Phone : (660) 262-7420

## SLEEP MEDICINE

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### Pediatric Sleep Medicine

Hours : Call to Schedule an Appointment Monday – Thursday 8:30 am – 4:30 pm

Address : 403 Burkarth Rd,  
Suite 303,  
Warrensburg, Mo 64093  
Phone : (660) 262-7362

### Sleep Center

Hours : Monday – Thursday 8:30 – 4:30 pm

Address : 403 Burkarth Rd,  
Suite 303, Warrensburg, Mo 64093  
Phone : (660) 262-7362

## SPEECH THERAPY

---

### Speech Therapy

Hours : Monday – Friday 7:00 am – 6:00 pm

Address : 403 Burkarth Rd,  
Warrensburg, Mo 64093

Phone : (660) 262-7536  
Central Scheduling : (660) 262-7370

## SPORTS MEDICINE

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### Sports Medicine

Douglas Anderson, M.D.

### Central Family & Sports Medicine

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 407 E. Russell Ave, Building C,  
Warrensburg, Mo 64093  
Phone : (660) 747-5114

### Western Missouri Bone & Joint

Hours : Monday – Thursday 8:00 am – 5:00 pm;  
Friday 8:00 am – 4:00 pm  
Address : 407 Burkarth Rd, Suite 201,  
Warrensburg, Mo 64093  
Phone : (660) 747-2228

## UROLOGY

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### Urology

Joseph A. Myers, MD

Hours : Monday – Thursday 8:00 am – 5:00 pm  
Friday 8:00 am – 4:00 pm  
Address : 407 Burkarth Rd, Suite 302,  
Warrensburg, Mo 64093  
Phone : (660) 747-5558

## WOMEN'S HEALTH

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### Women's Health (OB/GYN)

Emily Martinez, DNP, CNM, IBCLC

Hours : Monday – Friday 8:00 am – 5:00 pm  
Address : 415-A Burkarth Rd,  
Warrensburg, Mo 64093  
Phone : (660) 429-2228

Jillian Simmons, CNM  
Adonius Wright, WHNP-BC, ANP-BC  
Krysta Ramirez-Henry, CNM  
Deborah Gregory, D.O.  
Lynn Birchmier, D.O.  
Ashley Alumbaugh, M.D.

## WOUND CARE

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### ICU/Telemetry

Hours : 24/7  
Address : 403 Burkarth,  
Warrensburg, Mo 64093  
Phone : (660) 747-5274

### Wound Care

Hours : Monday – Friday 8:00 am – 4:30 pm  
Address : 403 Burkarth Rd, Warrensburg, Mo  
64093  
Phone : (660) 262-7575

Diane Switzner, M.D.

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**Western Missouri Medical Center  
Market Share Primary Service Area  
FY 2019-2021**

Western Missouri Medical Center Primary Service Area Defined Inpatient/Outpatient					
Zip	City	State	County	3 Year Total	Accumulation
	<b>Totals</b>			<b>521958</b>	<b>100.0%</b>
64093	Warrensburg	MO	Johnson	241122	46.2%
65336	Knob Noster	MO	Johnson	48683	55.5%
65301	Sedalia	MO	Pettis	24610	60.2%
64037	Higginsville	MO	Lafayette	24435	65.6%
64020	Concordia	MO	Lafayette	23548	70.1%
64040	Holden	MO	Johnson	20557	74.0%
65305	Whiteman AFB	MO	Johnson	16275	77.1%
64019	Centerview	MO	Johnson	18088	80.6%
64761	Leeton	MO	Johnson	8364	82.2%

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## Community Health Needs Assessment (CHNA) Survey

### 1. Let Your Voice Be Heard!

**Western Missouri Medical Center (WMMC) requests your input in order to create a 2022-2024 Johnson County, Missouri Community Health Needs Assessment (CHNA). To collect "up to date" community feedback, a short online survey has been created to uncover any current community health issues and evaluate local health delivery.**

**While your participation is voluntary and confidential, all community input is valued. Thank you for your participation! In order to be entered to win a gift card, you will need to complete the survey and enter your email address and phone number. The deadline to participate is 11:59 p.m. on Sunday, March 20, 2022.**

1. Upon completion of this survey, you will be entered into a chance to win one of five \$100 gift cards. Please enter your phone and email address so that we may notify you if you are selected as a winner. Your answers will be kept anonymous.

Email Address

Phone Number

## Community Health Needs Assessment (CHNA) Survey

### 2. Demographics

2. What is your home ZIP code? Please enter a 5-digit ZIP code; for example 64093.

### 3. Gender

- Male
- Female

### 4. What is your race?

- White
- Black or African
- American
- Hispanic or Latino
- Asian
- American Indian or Alaska Native
- Other

5. Counting all income sources from everyone in your household, what was the combined household income last year? (check only one)

- Less than \$20,000
- \$20,00 - \$29,999
- \$30,000 - \$39,999
- \$40,000 - \$49,999
- \$50,000 - \$59,999
- \$60,000 - \$69,999
- \$70,000 - \$79,999
- \$80,000 - \$89,999
- \$90,000 - \$99,999
- \$100,000 - \$199,999
- \$200,000 or more

6. How would you describe your housing situation? (check only one)

- Own a house or condo
- Rent a house, apartment or room
- Living in a group home
- Living temporarily with a friend or relative
- Multiple households sharing an apartment or house
- Living in shelter
- Living in a motel
- Living in senior housing or assisted living
- Other (please explain)

7. For reporting purposes, are you involved in or are you a...?

- |   |   |
|---|---|
| <input type="radio"/> Business / Merchant                 | <input type="radio"/> Law Enforcement                           |
| <input type="radio"/> Community Board Member              | <input type="radio"/> Logistics / Transportation / Distribution |
| <input type="radio"/> Case Manager / Discharge Planner    | <input type="radio"/> Mental Health                             |
| <input type="radio"/> Clergy                              | <input type="radio"/> Military                                  |
| <input type="radio"/> College / University                | <input type="radio"/> Other Health Professional                 |
| <input type="radio"/> Consumer Advocate                   | <input type="radio"/> Parent / Caregiver                        |
| <input type="radio"/> Dentist / Eye Doctor / Chiropractor | <input type="radio"/> Pharmacy / Clinic                         |
| <input type="radio"/> Elected Official - City / County    | <input type="radio"/> Media (Paper/TV/Radio)                    |
| <input type="radio"/> EMS / Emergency                     | <input type="radio"/> Senior Care                               |
| <input type="radio"/> Farmer / Rancher                    | <input type="radio"/> Teacher / School Admin                    |
| <input type="radio"/> Hospital / Health Dept              | <input type="radio"/> Technology / IT Services                  |
| <input type="radio"/> Real Estate / Housing / Builder     | <input type="radio"/> Veteran                                   |
| <input type="radio"/> Insurance                           | <input type="radio"/> Unemployed                                |
| <input type="radio"/> Labor                               | <input type="radio"/> Retired                                   |
| <input type="radio"/> Other (please specify)              |   |

Community Health Needs Assessment (CHNA) Survey

3. Community Health Questions

8. How would you rate the "Overall Quality" of healthcare delivery in our community?

Very Poor

Poor

Average

Good

Very Good



Comments:

9. When considering "overall community health quality", is it...

- Increasing - moving up
- Not really changing much
- Decreasing - slipping downward

Why? (Please specify)

10. From past health assessments of our community, a number of health needs were identified as priorities. Are any of these ongoing problems for our community? Please select all that apply.

- |   |   |
|---|---|
| <input type="checkbox"/> Access to Dental Care for Uninsured        | <input type="checkbox"/> Distracted Driving                             |
| <input type="checkbox"/> Awareness of Available Healthcare Services | <input type="checkbox"/> Drunk Driving                                  |
| <input type="checkbox"/> Poverty                                    | <input type="checkbox"/> Substance Abuse                                |
| <input type="checkbox"/> Inadequate Social Support                  | <input type="checkbox"/> Suicide Prevention                             |
| <input type="checkbox"/> Mental Health                              | <input type="checkbox"/> COVID-19 Pandemic                              |
| <input type="checkbox"/> Obesity                                    | <input type="checkbox"/> Affordable Healthcare (Uninsured/underinsured) |

11. Which past health assessment of our community need is NOW the "most pressing" for improvement?

Please select the top THREE.

- Access to Dental Care for Uninsured
- Awareness of Available Healthcare Services
- Poverty
- Inadequate Social Support
- Mental Health
- Obesity
- Distracted Driving
- Drunk Driving
- Substance Abuse
- Suicide Prevention
- COVID-19 Pandemic
- Affordable Healthcare (Uninsured/underinsured)

12. In your opinion, what are the top THREE root causes of "poor health" in our community? Please select THREE.

- Finance & Insurance Coverage
- Limited access to mental health assistance
- Elder assistance pograms
- Lack of health & wellness education
- Other (please specify)
- Lack of family assistance programs
- Lack of awareness of existing local programs, providers, and services
- Chronic disease prevention
- Case management assistance

13. How would you rate each of the following within our community?

	Very Poor	Poor	Average	Good	Very Good
Ambulance Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Child Care	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chiropractors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
COVID-19 Pandemic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dentists	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Emergency Room	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eye Doctor/Optomtrist	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Family Planning Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Home Health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hospice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inpatient Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mental Health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nursing Home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outpatient Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pharmacy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Physician Clinics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public Health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
School Nurse	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Specialists / Medical Providers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

14. Community Health Readiness is vital. How would you rate each of the following?

	Very Poor	Poor	Average	Good	Very Good
Early Childhood Development Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Emergency Preparedness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Food and Nutrition Services/Education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health Screenings (asthma, hearing, vision, wellness)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Immunization Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Obesity Prevention & Treatment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Poverty / Financial Health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Prenatal / Child Health Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sexually Transmitted Disease Testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spiritual Health Support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Substance Use Treatment & Education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tobacco Prevention & Cessation Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Violence Prevention	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Women's Wellness Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
WIC Nutrition Program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

15. In the past 2 years, did you or someone you know receive health care outside of our community?

- Yes
- No
- I don't know

If YES, please specify.



16. Are our healthcare organizations, providers, and community members actively working together to address/improve health in our community?

- Yes
- No
- I don't know

Please explain:

17. Are there any other health needs (listed below) that need to be discussed further at our upcoming CHNA Town Hall meeting? (Please select all that apply.)

- |  |  |
|--|--|
| <input type="checkbox"/> Abuse/Violence                    | <input type="checkbox"/> Nutrition                     |
| <input type="checkbox"/> Alcohol                           | <input type="checkbox"/> Obesity                       |
| <input type="checkbox"/> Breast Feeding Friendly Workplace | <input type="checkbox"/> Environmental Health          |
| <input type="checkbox"/> Cancer                            | <input type="checkbox"/> Physical Exercise             |
| <input type="checkbox"/> COVID-19 Pandemic                 | <input type="checkbox"/> Poverty                       |
| <input type="checkbox"/> Diabetes                          | <input type="checkbox"/> Sexually Transmitted Diseases |
| <input type="checkbox"/> Drugs/Substance Abuse             | <input type="checkbox"/> Suicide                       |
| <input type="checkbox"/> Family Planning                   | <input type="checkbox"/> Teen Pregnancy                |
| <input type="checkbox"/> Heart Disease                     | <input type="checkbox"/> Tobacco Use                   |
| <input type="checkbox"/> Lead Exposure                     | <input type="checkbox"/> Vaccinations                  |
| <input type="checkbox"/> Lung Disease                      | <input type="checkbox"/> Water Quality                 |
| <input type="checkbox"/> Medical Marijuana                 | <input type="checkbox"/> Wellness Education            |
| <input type="checkbox"/> Mental Illness                    |  |

Other (please specify)

18. In your opinion, are there any healthcare services or delivery issues that you feel need to be improved, worked on, and/or changed? (Please be specific.)

19. In your own words, what is the general community perception of healthcare providers (i.e. hospitals, doctors, public health, etc.) serving our community? (Please be specific.)

20. What "new" community health programs should be created to meet current community health needs? Can we partner somehow with others?

Community Health Needs Assessment (CHNA) Survey

4. Identifying Health Needs

21. Have you ever been told by a doctor you had high blood pressure?

- Yes  
 No

22. If yes, is any medication currently prescribed for your high blood pressure?

- Yes  
 No

23. Have you ever been told by a doctor you should lose weight for health reasons?

- Yes  
 No

24. During the past month have you participated in any physical activities or exercise, such as running, walking, golfing, etc?

- Yes  
 No

25. If yes, how many times a week do you take part in this activity?

- 1-2 days  
 3-4 days  
 5-7 days

26. Are you currently trying to lose weight?

- Yes  
 No

27. If yes, how are you trying to lose weight? (check all that apply)

- Nutrition / Reducing caloric intake
- Increasing physical activity
- Both
- Other (please specify)

28. Have you ever been told by a doctor that you have one of the following conditions? (check all that apply)

- Adult asthma
- Angina or coronary artery disease
- Bacterial pneumonia
- CHF (congestive heart failure)
- COPD (chronic obstructive pulmonary disease)
- Diabetes or high blood sugar
- Heart attack
- High cholesterol
- Hypertension (high blood pressure)
- Stroke
- Cancer (If yes, specify type:)

29. If you or a household member have a health care need:

	Yes	No	N/A
Do you have a doctor you can go to?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you have a dentist you can go to?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you have a mental health specialist you can go to?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you have a substance abuse counselor you can go to?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

30. Have you or anyone in your household had any difficulty finding a doctor that treats specific illnesses or conditions in your area within the past two years?

- Yes
- No

31. If yes to the above question, what kind of specialist did you look for?

- Bone and joint specialist
- Cancer specialist
- Children's specialist
- Dentist
- Dermatologist
- Diabetes specialist
- Heart specialist
- Lung and breathing specialist
- Mental health specialist
- Nerve and brain specialist
- Urologist
- Women's health specialist
- N/A
- Other (please specify)

32. If you were unable to visit a specialist when you needed one, why?

- No appointments were available
- No specialist was available in this area
- Did not have a car or transportation to get to the office
- Could not get to the office while they were open
- Did you know how to find one
- Could not afford to pay for the specialist
- N/A
- Other (please specify)

33. Do you have trouble getting transportation to health care services?

Yes

No

34. Does your health care provider connect you with local organizations to address the nonmedical care needs, such as food, transportation, housing, etc.?

Yes

No

N/A

Community Health Needs Assessment (CHNA) Survey

5. COVID-19

35. Did you or a loved one get COVID-19?

- Yes  
 No

36. Did you or a loved one require hospitalization as a result of COVID-19 infection?

- Yes  
 No

37. Did you or a loved one experience or continue to experience the lingering side effects of COVID-19?

- Yes  
 No

38. How would you rate the "Overall Quality" of healthcare delivery in our community as it relates to the COVID-19 pandemic?

Very Poor

Poor

Average

Good

Very Good



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# JOHNSON COUNTY, MO COMMUNITY HEALTH NEEDS ASSESSMENT SURVEY

*We need your help!*

1

## TAKE THE SURVEY

[WMMC.com/CHNA](http://WMMC.com/CHNA) or scan the QR code  
This survey takes approximately 10 minutes and  
all responses are kept completely anonymous. \*



2

## SHARE IT WITH YOUR FRIENDS & FAMILY

Your feedback will help inform future health care programming and services for your community. It is important that we hear from our community by March 20.

3

## PARTICIPATE IN UPCOMING MEETINGS

SAVE THE DATE: May 3rd from 4 – 6 p.m. for our CHNA Round #4 Town Hall in the Courtyard Café at Western Missouri Medical Center.

**SURVEY: [WMMC.COM/CHNA](http://WMMC.COM/CHNA)**

\*Submit your email address when you are finished with the survey for a chance to win a \$100 Visa gift card.

Western Missouri Medical Center is partnering with other community health providers to update the 2019 Community Health Needs Assessment. (Note: This assessment update is a follow-up to meet final IRS regulations released on 01/02/2015, requiring all 501(c)(3) hospitals to conduct a Community Health Needs Assessment and adopt an implementation strategy at least once every three years).



403 Burkarth Rd, Warrensburg, MO 64093 | [WMMC.com](http://WMMC.com) | (660) 262-7463



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## WMMC seeks feedback on Community Health



Posted Monday, February 21, 2022 3:25 pm

Contributed by Western Missouri Medical Center

Western Missouri Medical Center will be updating the 2019 Johnson County Community Health Needs Assessment in the next few months.

The goal of this assessment update is to understand progress in addressing community health needs cited in the 2019 CHNA report and to collect current community health perceptions.

To accomplish this assessment, a short online survey has been developed and is available at [wmmc.com/chna](http://wmmc.com/chna).

All community residents and business leaders are encouraged to complete the 2022 online CHNA survey by March 20 and attend a Community Town Hall from 4 to 6 p.m. May 3 in the Courtyard Café at Western Missouri Medical Center.

"We hope that the community and health professionals will take advantage of this opportunity to provide important input into the future of healthcare delivery in our county," President and CEO Darinda J. Dick said.

For more information, call 660-262-7463.

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COMMUNITY HEALTH NEEDS ASSESSMENT FOCUS GROUP MEETING  
WESTERN MISSOURI MEDICAL CENTER  
IN COLLABORATION WITH THE MISSOURI HOSPITAL ASSOCIATION,  
MANAGEMENT SERVICES CORPORATION

4 p.m. Tuesday, May 3, 2022  
Western Missouri Medical Center  
Courtyard Café  
403 Burkarth Road  
Warrensburg, Missouri

- I. Introductions and Purpose
- II. Community Health Needs Assessment Results
- III. What is your perception of the most serious health issues facing this community?
  - A. Ranking the top health issues in this community
- IV. What are the greatest barriers to addressing the top issues identified?
- V. What is your perception of the most beneficial health resources or services in this community?
- VI. What can our county do to improve health and quality of life in the community?
- VII. Local Resources
- VIII. Closing Comments

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# Western Missouri Medical Center Community Health Needs Assessment Focus Group

Stephen Njenga  
Missouri Hospital Association

May 3, 2022



## Introductions



NAME



ORGANIZATION/  
AFFILIATION



## Community Health Needs Assessment

- Section 501(r) of the IRS tax code placed new requirements on 501(c)(3) organizations that operate at least one hospital facility.
- CHNA every three years
- Implementation strategy

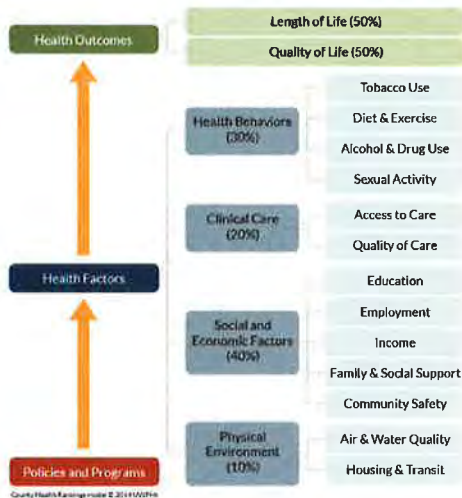


## Why Are We Here?





# County Health Rankings Model



Chronic Condition Explorer



Missouri Health Atlas



Spotlight on ZIP Health

## Spotlight on ZIP Health

[Download PDF](#) [Print](#)

To get started, select a county from the map or dropdown menu.



Johnson

### Highlighted County-Level Issues for Johnson County

Health Factor	Rank*
Length of Life Rank	10
Health Outcomes Rank	11
Socioeconomic Factors Rank	17
Quality of Life Rank	18
Health Factors Rank	30
Clinical Care Rank	42
Physical Environment Rank	53
Health Behaviors Rank	60

\* Statewide Rank of 115 (1=best)



## 2019 Focus Group Priorities

Mental health services

Homelessness/poverty

Distracted driving/drunk driving

Substance abuse

Affordable health care insurance

- Uninsured
- Underinsured

Suicides



## 2019 CHNA Survey Results

Mental Health

Access to dental care for uninsured

Suicide prevention

Substance use disorder

Obesity

Awareness of available resources



## 2019 CHNA Priorities – Overall

Mental health

Substance use  
disorder and  
suicide prevention

Obesity

Dental care for  
uninsured

Awareness of  
available  
healthcare  
services

Family planning  
services



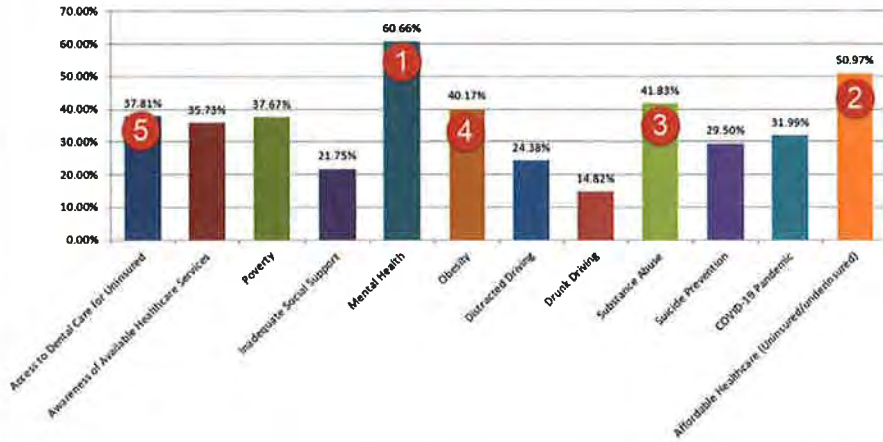
## 2022 CHNA Survey



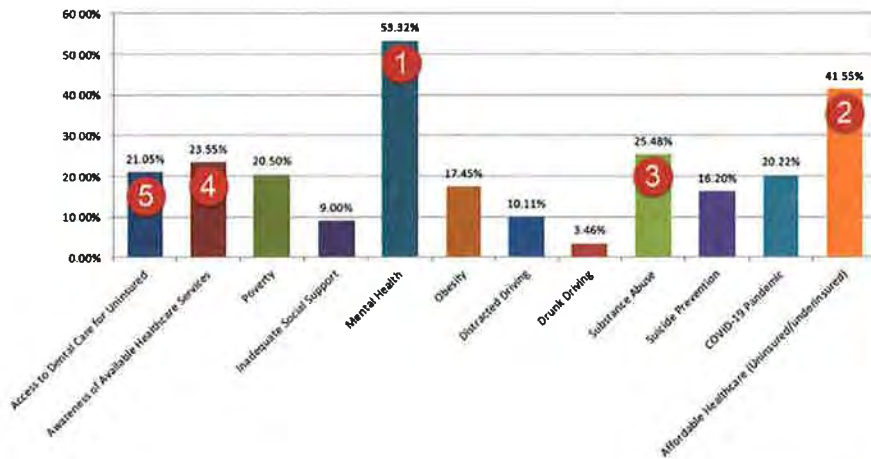
A total of 935 surveys  
were completed.



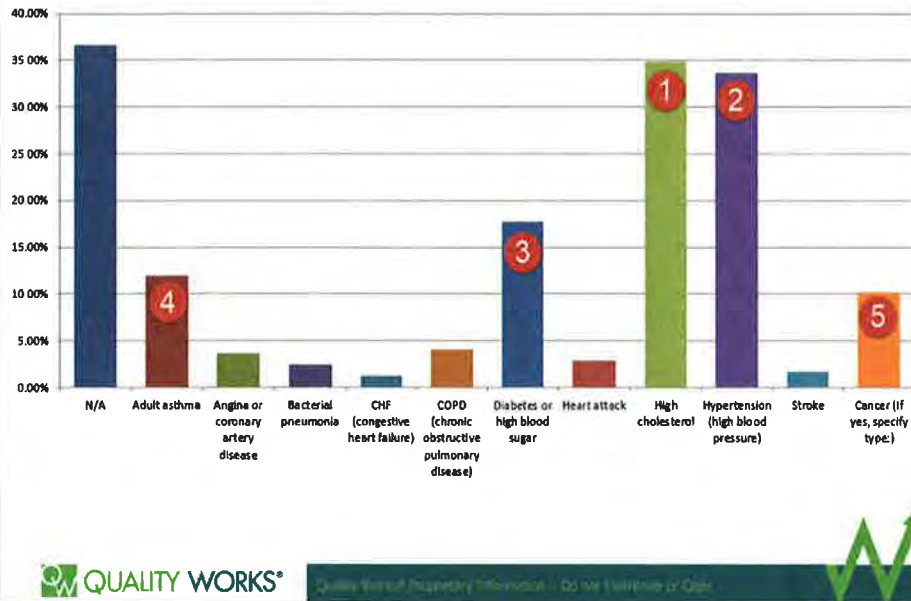
From past health assessments of our community, a number of health needs were identified as priorities. Are any of these ongoing problems for our community? Please select all that apply.



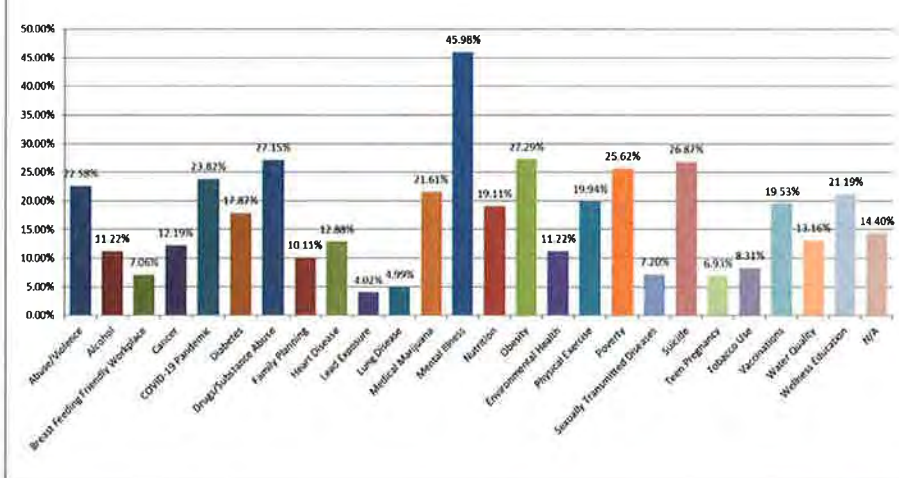
Which past health assessment of our community need is NOW the "most pressing" for improvement? Please select the top THREE.



Have you ever been told by a doctor that you have one of the following conditions? (check all that apply)



Are there any other health needs (listed below) that need to be discussed further at our upcoming CHNA Town Hall meeting? (Please select all that apply.)



## 2022 CHNA Survey Results

- Mental health
- Affordable health care
  - › Uninsured
  - › Underinsured
- Substance abuse
- Awareness of available health care services
- Access to dental care for uninsured
- Poverty
- COVID-19
- Obesity
- Suicide prevention



## exploreMOhealth

MHA's Health Equity Dashboards released in fall 2021! [Learn more ▼](#)



Source: <https://exploremohealth.org/>



### Total Population

A total of 53,682 people live in the 829.26 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2015-19 5-year estimates. The population density for this area, estimated at 64.7 persons per square mile, is less than the national average population density of 91.9 persons per square mile.

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Johnson County, MO	53,682	829.26	64.7
Missouri	6,104,910	68,746.91	88.8
United States	324,887,786	3,532,066.58	91.9

Data Source: US Census Bureau, *Advances in Community Safety, 2022* Source geography: ZCTA. [Show more details](#)

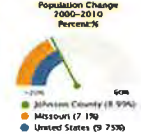
### Change in Total Population

According to the United States Census Bureau Decennial Census, between 2000 and 2010 the population in the report area grew by 4,337 persons, a change of 8.99%. A significant positive or negative shift in total population over time impacts healthcare providers and the utilization of community resources.

Report Area	Total Population, 2000 Census	Total Population, 2010 Census	Population Change, 2000-2010	Population Change, 2000-2010, Percent
Johnson County, MO	48,258	52,595	4,337	8.99%
Missouri	5,591,887	5,988,927	396,940	7.1%
United States	280,495,781	307,745,539	27,339,758	9.75%

Note: This indicator is compared to the state average.

Data Source: US Census Bureau, *Decennial Census, 2010* Source geography: Tract. [Show more details](#)



[View larger map](#)

Population Change, Percent by Tract, US Census 2000 - 2010

- Over 10.0% Increase (+)
- 1.0 - 10.0% Increase (+)
- Less Than 1.0% Change (+/-)
- 1.0 - 10.0% Decrease (-)
- Over 10.0% Decrease (-)
- No Population or No Data
- Johnson County, MO



### Mental Health

FY2018-20 hospital inpatient, emergency department, and outpatient diagnosed mental disorder-MDC 19 (rate per 1,000)

ZIP Code	ZIP Name	County	Mental Health Diagnosed per 1,000	Mental Health Diagnosed per 1,000 Z-Score	Mental Health Diagnosed Rank (of 842)	Quality of Life Rank (of 842)
64011	Bates City	Johnson	30.74	-0.41	350	691
64720	Blairtown	Johnson	88.80	0.92	640	934
64019	Centerville	Johnson	32.06	-0.38	406	420
64733	Chilhowee	Johnson	38.87	-0.22	530	143
64040	Holden	Johnson	37.00	-0.27	564	702
64061	Kingsville	Johnson	33.97	-0.34	447	622
65336	Knob Hooper	Johnson	29.92	-0.43	355	282
64761	Ladson	Johnson	70.61	0.51	789	734
64093	Warrensburg	Johnson	37.00	-0.27	505	280
65305	Whiteman AFB	Johnson	25.82	-0.53	289	138

Data Source: Washington University School of Medicine, *Hospital Industry Data Institute, Missouri ZIP Health Rankings, 2020* Source geography: ZIP. [Show more details](#)



[View larger map](#)

Mental Health Disorder Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code - ZHR 2020

- 65.0 - 330.0
- 41.0 - 64.9
- 27.0 - 40.9
- 0.0 - 26.9
- No Data
- Johnson County, MO



### Cancer

FY2018-20 hospital inpatient, emergency department, and outpatient diagnosed cancer-all types (rate per 1,000)

ZIP Code	ZIP Name	County	Cancer per 1,000	Cancer per 1,000 Z-Score	Cancer Rank (of 942)	Quality of Life Rank (of 942)
64011	Bates City	Johnson	229.49	0.11	629	691
64726	Blairtown	Johnson	673.10	4.24	936	934
64019	Centerview	Johnson	226.37	0.09	615	420
64733	Chilhowee	Johnson	220.98	0.03	582	143
64040	Holden	Johnson	214.22	-0.03	534	702
64061	Kingville	Johnson	267.21	0.46	751	622
65336	Knob Noster	Johnson	161.28	-0.53	265	282
64761	Leeton	Johnson	351.69	1.25	865	734
64093	Warrensburg	Johnson	140.86	-0.72	156	280
65202	Whiteman AFB	Johnson	30.97	-1.74	4	138

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings 2020. Source geography: ZIP. [Show more details](#)



Cancer (Malignant Neoplasm) Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code: ZHR 2020

- 250.0 - 1,700.0
- 200.0 - 249.9
- 150.0 - 199.9
- 0.0 - 149.9
- No Data
- Johnson County, MO

[View larger map](#)



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### Heart Disease

FY2018-20 hospital inpatient, emergency department, and outpatient diagnosed heart disease (rate per 1,000)

ZIP Code	ZIP Name	County	Heart Disease per 1,000	Heart Disease per 1,000 Z-Score	Heart Disease Rank (of 942)	Quality of Life Rank (of 942)
64011	Bates City	Johnson	130.22	-0.34	404	691
64726	Blairtown	Johnson	281.55	1.33	952	934
64019	Centerview	Johnson	87.79	-0.81	133	420
64733	Chilhowee	Johnson	121.67	-0.43	347	143
64040	Holden	Johnson	120.07	-0.45	338	702
64061	Kingville	Johnson	97.15	-0.71	182	622
65336	Knob Noster	Johnson	55.28	-1.17	29	282
64761	Leeton	Johnson	159.45	-0.02	565	734
64093	Warrensburg	Johnson	60.40	-1.11	38	280
65202	Whiteman AFB	Johnson	2.03	-1.75	2	138

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings 2020. Source geography: ZIP. [Show more details](#)



Heart Disease Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code: ZHR 2020

- 200.0 - 1,000.0
- 140.0 - 199.9
- 100.0 - 139.9
- 0.0 - 99.9
- No Data
- Johnson County, MO

[View larger map](#)



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### Hypertension

FY2018-20 hospital inpatient, emergency department, and outpatient diagnosed hypertension (rate per 1,000)

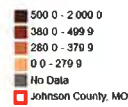
ZIP Code	ZIP Name	County	Hypertension per 1,000	Hypertension per 1,000 Z-Score	Hypertension Rank (of 942)	Quality of Life Rank (of 942)
64011	Bates City	Johnson	292.52	0.54	305	691
64726	Blairtown	Johnson	756.76	1.77	885	934
64019	Centerville	Johnson	265.67	-0.67	233	420
64733	Chilhowee	Johnson	368.74	-0.16	501	143
64040	Holden	Johnson	293.70	-0.53	306	702
64061	Kingsville	Johnson	260.64	-0.70	209	622
65336	Knob Noster	Johnson	194.66	-1.03	60	282
64761	Leeton	Johnson	517.70	0.68	760	734
64093	Warrensburg	Johnson	190.60	-1.05	52	280
65305	Whiteman AFB	Johnson	6.43	-1.95	2	138

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings 2020. Source geography: ZIP. [Show more details](#)



[View larger map](#)

Hypertension Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code: ZHR 2020



### Diabetes

FY2018-20 hospital inpatient, emergency department, and outpatient diagnosed diabetes (rate per 1,000)

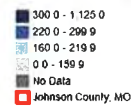
ZIP Code	ZIP Name	County	Diabetes per 1,000	Diabetes per 1,000 Z-Score	Diabetes Rank (of 942)	Quality of Life Rank (of 942)
64011	Bates City	Johnson	148.81	0.63	254	691
64726	Blairtown	Johnson	491.63	2.31	906	934
64019	Centerville	Johnson	147.12	0.64	248	420
64733	Chilhowee	Johnson	273.43	0.44	714	143
64040	Holden	Johnson	172.35	-0.43	363	702
64061	Kingsville	Johnson	125.68	-0.82	155	622
65336	Knob Noster	Johnson	138.39	-0.72	213	282
64761	Leeton	Johnson	301.60	0.68	760	734
64093	Warrensburg	Johnson	131.07	-0.78	178	280
65305	Whiteman AFB	Johnson	6.24	-1.85	2	138

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings 2020. Source geography: ZIP. [Show more details](#)



[View larger map](#)

Diabetes Mellitus Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code: ZHR 2020



### Uninsured

FY2018-20 hospital inpatient, emergency department, and outpatient Uninsured visits (rate per 1,000)

ZIP Code	ZIP Name	County	Uninsured per 1,000	Uninsured per 1,000 Z-Score	Uninsured Rank (of 942)	Socioeconomic Status Rank (of 942)
64011	Bales City	Johnson	107.17	-0.52	277	109
64726	Blairstown	Johnson	452.63	3.41	924	246
64019	Centerville	Johnson	97.83	-0.62	240	164
64733	Chilhowee	Johnson	169.60	0.13	633	341
64040	Holden	Johnson	123.93	-0.35	376	275
64061	Kingsville	Johnson	115.94	-0.43	329	210
65336	Knob Noster	Johnson	108.31	-0.51	288	255
64761	Leeton	Johnson	223.97	0.70	797	362
64093	Warrensburg	Johnson	105.02	-0.55	206	241
65305	Whiteman AFB	Johnson	9.40	-1.55	2	277

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings 2020. Source geography: ZIP. [Show more details](#)



Discharges with Self-Pay or Charity Care as Primary Payer per 1,000 Total Population by ZIP Code, ZHR 2020

- 200.0 - 900.0
- 150.0 - 199.9
- 100.0 - 149.9
- 0.0 - 99.9
- No Data
- Johnson County, MO



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### Substance Use Disorder

FY2018-20 hospital inpatient, emergency department, and outpatient diagnosed substance use disorder-MDC 20 (rate per 1,000)

ZIP Code	ZIP Name	County	Substance Use Disorder Diagnoses per 1,000	Substance Use Disorder Diagnoses per 1,000 Z-Score	Substance Use Disorder Rank (of 942)	Health Behavior Rank (of 942)
64011	Bales City	Johnson	3.96	-0.26	406	358
64726	Blairstown	Johnson	12.87	1.12	856	651
64019	Centerville	Johnson	1.65	-0.61	153	153
64733	Chilhowee	Johnson	2.13	-0.54	177	309
64040	Holden	Johnson	4.93	-0.10	536	432
64061	Kingsville	Johnson	2.72	-0.45	252	263
65336	Knob Noster	Johnson	3.85	0.27	395	227
64761	Leeton	Johnson	5.51	0.01	604	658
64093	Warrensburg	Johnson	4.83	-0.12	522	275
65305	Whiteman AFB	Johnson	1.30	-0.66	91	16

Data Source: Washington University School of Medicine, Hospital Industry Data Institute, Missouri ZIP Health Rankings 2020. Source geography: ZIP. [Show more details](#)



Substance Abuse Diagnoses Occurring in a Hospital Setting per 1,000 Total Population by ZIP Code, ZHR 2020

- 7.0 - 130.0
- 5.0 - 6.9
- 3.0 - 4.9
- 0.0 - 2.9
- No Data
- Johnson County, MO

[View larger map](#)



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## Overall

Based on the 2019 CHNA findings, 2022 survey and secondary data results shared today, what are the top issues that we need to focus on in the next three years?



## Prioritization Criteria to Consider

Examples of Prioritization Criteria	
Magnitude of the Problem	The health need affects a large number of people within the community.
Severity of the Problem	The health need has serious consequences (morbidity, mortality and/or economic burden) for those affected.
Health Disparities	The health need disproportionately impacts the health status of one or more vulnerable population groups.
Community Assets	The community can make a meaningful contribution to addressing the health need because of its relevant expertise and/or assets as a community, and because of an organizational commitment to addressing the need.
Ability to Leverage	There is opportunity to collaborate with existing community partnerships working to address the health need, or to build on current programs, emerging opportunities, etc.



## Focus Group Prioritization

- Mental health
- Affordable health care
- Substance abuse
- Chronic diseases
  - › Cancer
  - › Diabetes
  - › Heart Disease
- Obesity
- Access to dental care
- Poverty
- Awareness of available health care services
- COVID-19 pandemic
- Suicide prevention
- Inadequate social support



## Questions



## Final Thoughts – Next Steps



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## **About Quality Works®**

The MHA Management Services Corporation (d/b/a Quality Works®), a wholly owned for-profit subsidiary of the Missouri Hospital Association, has expertise in collecting and analyzing data and information relating to community health needs and synthesizing such information for the benefit of hospitals and health care providers. Staff at Quality Works (QW) bring extensive knowledge, skills and abilities in public and community health. Their educational background and experience in public and community health ensures they have a solid understanding of the steps required to be followed to ensure a comprehensive Community Health Needs Assessment. QW staff have developed and published the CHNA guidance and implementation plan document for MHA member hospitals to ensure they follow the required processes for compliance with the Patient Protection Affordable Care Act and the Internal Revenue Service regulations.

Quality Works was contracted by Western Missouri Medical Center to provide technical support services in connection with the development of Western Missouri Medical Center's 2022 Community Health Needs Assessment.