



COMMUNITY HEALTH Needs Assessment

2016





Improving the health of our community

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April 2016

Dear Community Member:

Thank you for allowing Fitzgibbon Hospital to serve our community as a safety net healthcare provider. This letter is an introduction to Fitzgibbon Hospital's 2016 Community Health Needs Assessment, which also serves as an important resource to fulfill our mission – "To Improve the Health of Our Community."

The 2010 Patient Protection and Affordable Care Act challenged all charitable hospitals to ensure they are developing programs and services in response to the actual health needs of the people they serve. Conducting this formal assessment once every three years provides us valuable input, spurs dialogue, and allows for thoughtful consideration of both the health needs of our community, as well as the barriers and challenges our patients and families face every day.

At its most fundamental level, a community health needs assessment of this type is a valuable tool for planning. The information presented here will be used to help Fitzgibbon Hospital and other health and social service organizations identify and prioritize problems and develop and implement action plans. Together, we can then work to strategically align our resources and make the greatest impact in improving community health, ensuring access to care, and reducing health disparities. At a time when resources are limited and our community need is great, we are challenged to ensure that we steward our resources to provide the greatest benefit to all citizens in the most cost-effective manner possible.

Over the course of the next several months, Fitzgibbon Hospital will be developing our implementation plan to address the areas of greatest concern, taking into consideration our capacity to create change and support our mission. That plan, like this Community Health Needs Assessment, will be approved by the Fitzgibbon Hospital Board of Trustees.

Sincerely,

Darin L. Haug, DO, FACP, FACOP
President/CEO
Fitzgibbon Hospital

For more information about Fitzgibbon Hospital's 2016 Community Health Needs Assessment, contact:

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I. Background and Process

Fitzgibbon Hospital conducted its Community Health Needs Assessment in April of 2013 as a requirement under the Patient Protection and Affordable Care Act (PPACA), which was signed into law in March 2010. The PPACA included a section creating additional requirements for 501(c)3 tax-exempt, not-for-profit hospitals that will be enforced by the United States Treasury Department and the Internal Revenue Service.

Section 9007 of the PPACA states that each tax-exempt hospital must conduct a Community Health Needs Assessment (CHNA) at least once every three years and adopt a strategy to meet community health needs in order to retain its tax exempt status. The CHNA was to take into account input from persons who represent the broad interest of the community served by the hospital, including those with public health knowledge or expertise and the medically underserved. Results were to be made widely available to the public. In compliance with that provision, Fitzgibbon Hospital's 2013 Community Health Needs Assessment was widely disseminated and has been publicly posted and downloadable on www.fitzgibbon.org.

Since 2013, the hospital and its community partners have embarked on a number of initiatives aimed at improving the health of the people in the communities it serves. These activities are aligned with the Fitzgibbon Hospital Mission Statement, "To Improve the Health of Our Community."

The key focus of activities since 2013 and identified in its Implementation Plan adopted in 2013 by its Board of Trustees, has been to impact the top three health challenges of its community and its population, as identified in that initial CHNA:

- Obesity and related chronic diseases of diabetes and high blood pressure
- Smoking and related chronic disease such as childhood asthma and chronic obstructive pulmonary disease (COPD)
- Preventative care and wellness

Community opinion about the success and influence of those activities are part of a survey conducted in the first quarter of 2016 and incorporated into this 2016 Fitzgibbon Hospital Community Health Needs Assessment.

Since the first regulatory requirements were passed in 2010, the United States government, specifically the Treasury Department's Internal Revenue Service, issued additional, revised guidance in 2015, enforceable upon charitable hospital organizations during their taxable year beginning after Dec. 29, 2015. Guidance regarding requirements for the 2016 CHNA also was obtained from the Missouri Hospital Association and informational webinars conducted by BKD consulting and the American Hospital Association.

Not only does Section 501(r) require hospital organizations to conduct a community health needs assessment once every three years, but the new regulations make it clear that hospitals may address the



health needs of its community in an expanded manner. Activities may include not only the need to address financial and other barriers to health care, but also the need to prevent illness, ensure adequate nutrition, or address social, behavioral and environmental factors influencing the health of the community, commonly referred to as the “social determinants of health.” The laws are clear that some factors influencing health status may not be in the hospital’s realm of influence, mission or capacity to change, and therefore, may not be selected for inclusion in its Implementation Plan.

The revised regulations also clarify that hospitals may rely on data collected or created by others in conducting its CHNA. In such cases, the hospital may simply cite the data sources rather than describing the methods of collection. With that new ruling in mind, Fitzgibbon Hospital in 2016 took a two-pronged approach to its Community Health Needs Assessment.

First, Fitzgibbon Hospital utilized a website called Community Commons, which was launched, in part, as a response to the new focus on population health and requirements of the Patient Protection and Affordable Care Act. The website aggregates data in six “channels” of subject matter: the economy, education, environment, equity, food and health. Data and information on these topics is extracted from across the worldwide web, bringing together stakeholders from across the country whose mission it is to improve population health. The findings of Community Commons in regard to the demographics and health status of the residents of Saline County are incorporated into later sections of this report. An excerpt from the Community Commons website states:

“Community Commons is a place where data, tools, and stories come together to inspire change and improve communities. We provide public access to thousands of meaningful data layers that allow mapping and reporting capabilities so you can thoroughly explore community health. As a mission driven organization, the technology and resources that we develop directly provide innovation for the future. We aim to make our custom tools publicly available whenever possible and our partners understand and support this public-good mission.”

Key institutional supporters of Community Commons are The Robert Wood Johnson Foundation, Kaiser Permanente, The American Heart Association, the U.S. Centers for Disease Control and Prevention and the University of Missouri. The goal of these organizations via the Community Commons website is not unlike that of Fitzgibbon Hospital as it seeks to improve the health of its communities: “... to bring change-makers together, to connect with thought leaders and peers, share stories and strategies and use the latest technology and tools to make lasting change.”

The second prong of Fitzgibbon Hospital’s approach to its 2016 CHNA was outreach to community stakeholders to provide input on its actions and activities in the three years since the 2013 CHNA. In fact, the revised 2015 regulations require hospitals to seek community evaluation of any actions that were taken since the last CHNA was conducted. Through the survey, we also sought input on current community health status and opinions on health needs.

To that end, the hospital launched an online survey in February 2016 with individual outreach to persons and organizations across the broad spectrum of community organizations, specifically seeking input from those suffering from health disparities, low-income, disabilities, the chronically ill, language



barriers and varying socio-economic backgrounds. Those receiving the emailed survey invitations, personal telephone outreach and minority populations included:

- Fitzgibbon Hospital Medical Staff and providers
- Fitzgibbon Hospital Patient-Centered Medical Home staff and social workers
- Fitzgibbon Hospital Patient Care Council members and Patient Care Coordinators
- Fitzgibbon Home Health nurses and staff
- Fitzgibbon Mary Montgomery Hospice nurses and staff
- Marshall Ministerial Alliance members, representing area churches and pastors
- Fitzgibbon Hospital Board of Trustees
- Fitzgibbon Hospital Foundation Council
- Fitzgibbon Hospital Auxiliary Ambassadors members
- ConAgra frozen foods nursing staff, the area's largest employer with a large Latino population
- Cargill Meat Solutions nursing staff, also an employer with a large Latino population
- Saline County InterAgency Council and attendees, with representation from 25 different social service agencies, including:
 - Saline County Public Health Department
 - Katy Trail Community Health (Federally Qualified Health Center)
 - Missouri Valley Community Action Agency
 - Saline County Mental Health Association
 - Community Food Bank
 - Habitat for Humanity
 - Missouri Care managed Medicaid plan
 - Aetna Better Health managed Medicaid plan (formerly HealthCare USA)
 - Center for Human Services, which provides employment services for the disabled
 - Foster Grandparents program
 - Burrell Behavioral Health
 - Marshall Public Schools nurses and social worker
 - Missouri Valley College
 - Butterfield Youth Services, now Great Circle
 - Powerhouse Ministries and Powerhouse Community Action Agency
 - Salt Fork YMCA
 - The Lighthouse Shelter, domestic violence shelter
 - The Children's Therapy Center
 - Tower Realty
 - Marshall Public Library
 - Saline County Civil Air Patrol
 - University of Missouri Extension Services
 - Baby Grace, a community support program for families with infants and toddlers
 - 15th Judicial Circuit CASA, or Court-Appointed Special Advocates
 - WILS – West Central Independent Living Solutions



II. Executive Summary

In January 2015, a committee of Fitzgibbon Hospital staff convened to begin planning and to discuss considerations for the Community Health Needs Assessment due in 2016. Key staff members with experience in conducting prior needs assessments included:

Angy Littrell, Chief Financial Officer, Chief Operating Officer
Nancy Harris, Controller
Amy Weber, Manager of Business Development and Governmental Relations
Roberta Griffitt, MSN, RN, Nurse Manager, Rural Health Clinics

Committee members reviewed the functionality of the Community Commons website, and attended educational sessions from both the Missouri Hospital Association and BKD consulting in regard to meeting the requirements for 2016 under revised regulations. Staff agreed that using the Community Commons tool would be the ideal manner to secure secondary data. The group determined that primary data could come from individual emailed, telephonic or personal outreach to community stakeholders to ensure input from those with expertise in public health and members of the medically underserved, low-income and minority populations or organizations serving and representing the interests of such populations. As the use of e-mail and social media has grown, so too has the hospital's access and management of internal databases of these individuals. The actual survey vehicle was "Survey Monkey," a free, online survey developer and data analyzer. Questions used for the survey appear in Appendix 1 of this report, and raw survey results and related comments appear as Appendix 2.

When the online survey closed in mid-April 2016, 194 responses had been collected. The CHNA committee aggregated and analyzed primary and secondary data sources at length. Raw primary data was compared with secondary data, and the inventory of existing services and programming which address identified health needs was evaluated. Consideration of community resources, budgetary constraints, available personnel and hospital "mission and vision" were all considerations in selecting which health needs to prioritize going forward.

Deliberation in prioritizing the health needs to target included the following variables:

- poor health outcomes in Saline County that exceeded Missouri and national averages
- local survey results identifying the top three barriers to health care
- the organization's capacity to address the identified issues
- other community organizations' roles and programs addressing the identified issues
- collaborative activities with a history of success, already underway or in current planning stages
- reported barriers to achieving optimal health
- a trend analysis to compare Robert Woods Johnson County Health Rankings Health Outcomes for Saline County from 2012, the data which was cited in the 2013 CHNA, and 2016, which were released in March 2016 (see Appendix 3)



Identified Health Needs:

After deliberation and thorough consideration to all the factors above, the following have been identified as our population's top three targeted health needs:

- Obesity and related chronic diseases of diabetes and high blood pressure
- Preventive Care and Wellness
- Health Literacy Improvement and Early Health Education

Additional health needs and/or barriers to optimal health identified were:

- Cost and ability to pay for care
- Transportation
- Cancer
- Lack of health insurance
- Lack of dental care
- Mental health concerns
- Poverty
- Teen pregnancy rates
- Language barriers

Although those and other health needs were identified via the survey and secondary data analysis, the committee believes that interventions around overall preventive care and wellness as well as health literacy improvement could have a “trickle down” effect on many of the identified needs, including cancer, mental health concerns and teen pregnancy rates. As health awareness and individual engagement increases, the probability of the population being motivated to take action around their own health also increases.

While language barriers were cited as a factor in the ability to obtain health care for a segment of our community, the Fitzgibbon organization has policies and programs in place - and others in the planning stages - to ensure culturally appropriate care and to make certain patients and families who speak languages other than English have access to translation services. For example, the hospital in late 2015 rolled out a web-based bedside audio language translation system which connects patients and family with translators to ensure they understand the care being provided and the treatment plan going forward. And in March 2016 the hospital joined the Missouri Hospital Association and other facilities nationwide as it signed an Equity Pledge to Act to Eliminate Health Disparities. The pledge was developed by the American Hospital Association and distributed to various state hospital associations. The pledge is aimed at ensuring hospitals examine quality measures based on race, ethnicity, language barriers or other socioeconomic variables important to their community's health. Another component of the pledge is to provide cultural competency training for all staff.

In the local survey results, more than 81% identified Low Health Literacy, in that people don't understand what to do to improve their health, as one of the top three factors influencing the health in our community. This high response rate prompted the selection of Health Literacy Improvement as one of our targeted health needs in the 2016 CHNA. The hospital already undertakes an extensive community health education campaign in many of its ongoing activities and began additional collaborative activities with community partners since the last CHNA. The committee believes that



building on those relationships and combining our mutual assets in community outreach will have the broadest influence and greatest impact.

We also found a clear correlation between obesity and its continued prevalence in Saline County, including the rise in morbid obesity, and the high numbers of associated diseases: diabetes, high blood pressure, stroke and some cancers. The lack of physical activity among those in our community is a contributing factor to the rise in obesity.

And while a high smoking rate remains a health problem in Saline County, the committee agreed that earlier efforts to educate the public about the dangers of smoking and secondhand smoke would continue under the umbrella of Preventive Care and Wellness. Outreach programs to schools, such as our certified dietician visiting school-based wellness fairs, could continue and expand under the umbrella of Health Literacy and Early Health Education.

Evaluating Our Health Improvement Activities:

The 2016 CHNA, however, must be viewed in correlation to the activities and programs enacted since its Community Health Needs Assessment was conducted in 2013. It is only through a longitudinal analysis of our community's health behaviors, health outcomes and health status can the impact of any interventions be fairly evaluated.

In 2013 Fitzgibbon Hospital and its community partners embarked on activities via its Implementation Plan, which had been adopted by its Board of Trustees, to make a positive impact on the top three most pressing health needs in our community. After a thorough analysis of primary and secondary data, the health issues were identified and prioritized for action:

- Obesity and related chronic diseases of diabetes and high blood pressure
- Smoking and related chronic disease such as childhood asthma and chronic obstructive pulmonary disease (COPD)
- Preventative care and wellness

Specific programs, services and activities to impact these areas were tracked and detailed annually in the hospital's Form 990 report for the IRS. And almost as important, strategic planners and staff developing internal and external programs aimed at improving the health of targeted populations asked, "Were those activities successful?"

While public opinion is one method of determining the success of such programs (detailed survey results of community stakeholders are available in Appendix 2 of this document), a comparison of health behaviors and health outcomes from the Robert Wood Johnson Foundation's County Health Rankings for the years 2012 and 2016 show these activities have had impact in some areas, but there are still health problems to be addressed, as some residents of Saline County continue to struggle to achieve optimal health.

A review of the 2016 Robert Wood Johnson County Health Rankings shows Saline County has fallen from 50th to 67th of 115 counties in the state of Missouri for Health Outcomes. The percent of county residents who reported their overall health status as in "Poor or Fair Health" rose from 15 percent in



2012 to 20 percent in 2016. The percentage of days each month that county residents cited as “poor physical health days” rose from 2.7 in 2012 to 4.4 in 2016.

A Trend Analysis:

The table below is a comparative snapshot of key health behaviors from the Robert Woods Johnson Foundation County Health Rankings, 2012 to 2016, as they compare to the 2016 Missouri state average. Detailed excerpts from both years of reports are found in Appendix 3.

County Health Rankings for Saline County	2012 Rates*	2016 Rates	2016 Missouri Average
Smoking rate	28 percent	23 percent	21 percent
Physical inactivity	30 percent	29 percent	26 percent
Obesity rate	31 percent	38 percent	31 percent
Teen births	42	44	38
Uninsured	19 percent	17 percent	15 percent
Children in poverty	27 percent	23 percent	21 percent
Primary care physician ratio	1,614:1	1,790:1	1,420:1
Diabetic monitoring	89 percent	90 percent	86 percent
Poor or fair health days	2.7	4.4	4.1

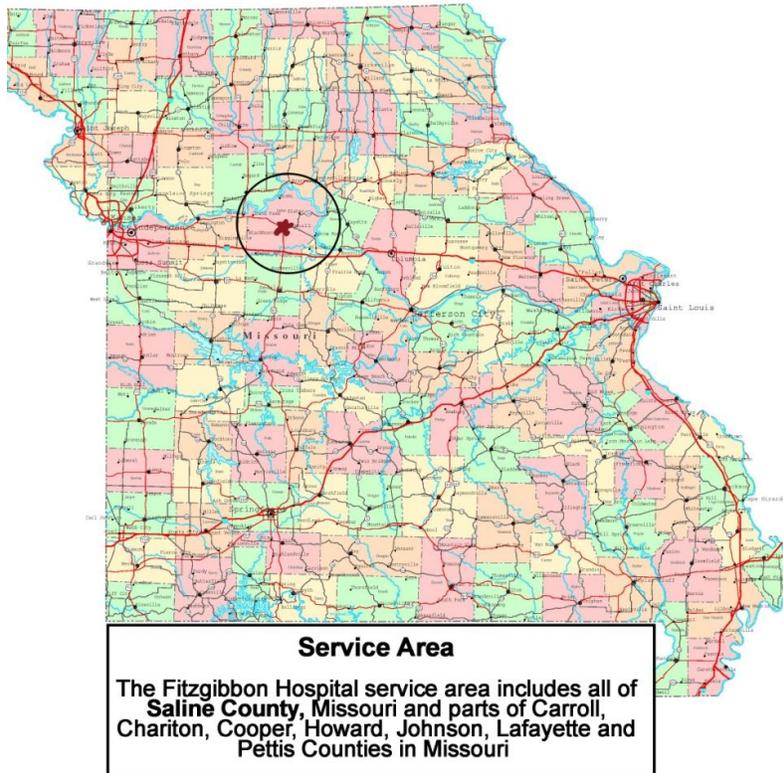
* 2012 rates were cited in the Fitzgibbon Hospital 2013 CHNA.



III. Our Community Defined and Resources Available

Service Area:

Fitzgibbon Hospital is licensed for 60-beds as a general acute care hospital located in rural west-central Missouri within Saline County. The Missouri River serves as the northern and much of the eastern border of Saline County. Six counties surround Saline County, with Lafayette to the west, Carroll and Chariton on the north, Howard and Cooper to the east, and Pettis immediately south.



Because of the unique location of this county, along with a review of market penetration data for inpatient as well as outpatient services, Saline County was identified as the focal area of service for Fitzgibbon Hospital. The organization's secondary service area is such a small portion of the contiguous counties indicated above, consideration of health-related issues for the six other counties for the purpose of this Needs Assessment was felt to be impractical, as well as potentially distorting to the data found to be relative within Saline County.

County Information:

Saline County was formed by settlers on Nov. 25, 1820, and was named after the salt mines that are found in the region. The population of Saline County per the 2010 United States Census was 23,370. Of these residents, 86.2% were White, 5.3% were African American, and 8.2% were Hispanic or Latino. Saline County is an agriculturally focused county centrally located on rich farmland within the mid-Missouri region. Topography here includes large expanses of row crops and wide open spaces. The



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primary employers are agricultural food processing plants and related industries. Farming and agricultural-related businesses are the primary revenue base. Along with the surrounding counties, Saline County suffers from significant health disparities brought on both by geographic isolation and the effects of poverty.

The county covers 756 square miles of land, and Marshall is the county seat, located nearly in the center of the county as well. Other small towns and rural communities in the county include: Slater, Sweet Springs, Malta Bend, Gilliam, Nelson, Blackburn, Miami and Arrow Rock. The largest community in Saline County is Marshall, Mo., in which Fitzgibbon Hospital is located. The population of Marshall, per the 2010 United States census was 13,081.

Zip Codes Served by Fitzgibbon Hospital:

<u>Town</u>	<u>Zip</u>	<u>County</u>	<u>Town</u>	<u>Zip</u>	<u>County</u>
Arrow Rock	64320	Saline	Brunswick	65236	Chariton
Blackburn	65321	Saline	Keytesville	65261	Chariton
Gilliam	65330	Saline	Mendon	64660	Chariton
Grand Pass	65339	Saline	Salisbury	65281	Chariton
Malta Bend	65339	Saline	Sumner	64681	Chariton
Marshall	65340	Saline	Triplett	65286	Chariton
Miami	65344	Saline	Blackwater	65332	Cooper
Napton	65340	Saline	Glasgow	65254	Howard
Nelson	65347	Saline	Alma	64001	Lafayette
Slater	65349	Saline	Concordia	64020	Lafayette
Sweet Springs	65351	Saline	Corder	64021	Lafayette
Bogard	64622	Carroll	Dover	64022	Lafayette
Bosworth	64623	Carroll	Emma	65327	Lafayette
Carrollton	64633	Carroll	Higginsville	64037	Lafayette
DeWitt	64639	Carroll	Waverly	64096	Lafayette
Hale	64643	Carroll	Green Ridge	65332	Pettis
Norborne	64668	Carroll	Hughesville	65334	Pettis
Stet	64680	Carroll	Sedalia	65301–65302	Pettis
Tina	64682	Carroll			
Wakenda	64687	Carroll			

The population density of Saline County is 30.9 persons per square mile. As shown below, the population of Saline County has declined slightly since 1980. Although official U.S. Census tabulations are conducted every 10 years, as of July 10, 2014, the U.S. Census Bureau reported 23,347 people in Saline County, a slight decline from the 23,370 people reported in 2010. In the last 30 years, the county population has declined by a little over 7 percent.

County Populations			
1980	1990	2000	2010
24,916	23,523	23,756	23,370

Source: Missouri Census Data Center: SF1 2010 Profile Report, Saline County.



A report from the Missouri Census Data Center, “Population Estimates With Components of Change 2010-2015,” extracted on April 4, 2016, shows the following:

County	Latest pop. est. 7/15	Net change in pop. 4/10 census to 7/15	% change in pop. 4/10 census to 7/15	Net migration 4/10 census to 7/15	Natural increase, 4/10 to 7/15	Rank: total pop. est base, 4-1-10	Rank: based on total pop. (est) 2015	Rank: based on pop. change 2010 to 2015	Rank: based on % change in pop. 2010 to 2015
Saline	23,258	-112	-0.5	-399	305	1673	48	51	50

The conclusion is that Saline County’s population in this decade is now relatively stable, showing only a .5% decline since the 2010 census.

Poverty and its effects continue to be an issue in Saline County. In January 2014, the last year for which statistics were made publicly available, Saline County had 4,151 people – or about 18 percent of its population - enrolled in Medicaid (MoHealthNet), an insurance program for low-income families. Also in 2014, an average of 4,046 people per month in 1,338 households – or 15.19% of all households in the county - were receiving SNAP (Supplemental Food and Nutrition Assistance, formerly known as food stamps.) Average SNAP benefit per person, as reported by the Missouri Department of Social Services Annual Report for 2013, was \$118 per month.

Source: Missouri Department of Social Services, Family Support Division, MO Health Net Division, Monthly Management Report, Table 22, January 2014.

According to the U.S. Census Bureau, median household income (in 2014 dollars), for 2010-2014 was \$39,027; and 16.3% of residents were living in poverty.

Mo Dept of Social Services: Quickfacts about DSS – Saline SFY 2012 Retrieved on March 21, 2016 at <http://www.census.gov/quickfacts/table/PST045215/29195> shows additional data.

Additional and detailed health status, demographic and socio-economic data appear in Section 4 of this report.

Unique Community Assets and Characteristics:

Missouri Valley College:

Founded by Presbyterians in 1889, Missouri Valley College located in Marshall, Mo., is a private, coeducational, career-oriented, liberal arts college with a student body of 1,420, as reported in September 2015. Students attending Missouri Valley come from all 44 U.S. states and 43y foreign countries; 678 students were reported to be Missouri residents.

Salt Fork YMCA, Marshall, Mo:

In communities across the nation, the YMCA is a leading voice on health and well-being. With a mission focused on balance, the Y brings families closer together, encourages good health and fosters connections through fitness, sports, fun and shared interests. As a result, millions of youth, adults and



families are receiving the support, guidance and resources needed to achieve greater health and well-being for their spirit, mind and body.

Marshall Parks and Recreation Department:

The parks in Marshall are open for comfort, relaxation, fitness and family entertainment in a safe and welcoming environment for everyone. Activities are planned for all ages and venues including the modernized Marshall Aquatic Center, 18-hole golf course, 36-hole disc golf course, archery range, tennis courts, basketball courts, kiddie parks, several shelter houses for group and family gatherings and much more.

Great Circle (formerly Butterfield Youth Services):

Established in 1963, Butterfield Youth Services provided treatment and care for severely emotionally disturbed children through residential care, therapeutic foster care and day treatment program in seven separate ranches and a Child and Family Therapy Center outside of Marshall, Mo. In August 2015 the company merged with Great Circle, another non-profit entity based in St. Louis, Mo. Great Circle provides behavioural health services to children and families state wide.

Saline County is a Medically-Underserved Area:

Health Professional Shortage Area (HPSA):

In Saline County, Missouri, the population group identified as “low income” is officially classified as a Health Professional Shortage Area for all three provider types: Primary Care, Dental and Mental Health. The following HPSA scores were pulled on March 17, 2016. The numbers are based on the ratio of the numbers of available health providers to the number of residents. HPSA Scores are developed for use by the National Health Service Corps in determining priorities for assignment of clinicians via their health professionals jobs programs. Scores range from **1 to 25** for primary care and mental health, **1 to 26** for dental.

From <http://datawarehouse.hrsa.gov./tools/analyzers/HpsaFindResults.aspx>, for Saline County, Mo.:

Primary Care (HPSA ID #1299992964) at a score of 17
Dental (HPSA ID #6299992976) at a score of 17 and
Mental Health (HPSA ID #7299992952) at a score of 16

Medically Underserved Population (MUP):

The population in our service area qualifies as a Medically Underserved Population in that Fitzgibbon Hospital operates four federally designated Rural Health Clinics, one of which (Marshall Family Practice/Fitzgibbon Professional Building, is located on the campus of Fitzgibbon Hospital in an adjacent multispecialty clinic) is a HRSA National Health Services Corps approved site for both loan repayer and scholar programs which place physicians and other providers to ensure access to health care. As a National Health Services Corp site, the clinic sees all patients without regard to the ability to pay.

Resource Inventory of Services Available in our Community:

Safety Net Providers - Rural Health Clinics and Federally Qualified Health Centers:

Operating as federally designated Rural Health Clinics include:



- Marshall Family Practice, Marshall, Mo. (operating as a provider-based RHC)
- Missouri Valley Physicians, Marshall, Mo. (independently operated by Jefferson City Medical Group)
- Akeman-McBurney Clinic, Slater, Mo. (operating as a provider-based RHC)

A satellite site of **Katy Trail Community Health** Federally Qualified Health Center, which is partially grant-supported by the U.S. Health Resources and Services Administration, or HRSA, opened in Marshall within the Saline County Health Department building in late 2015. The site's primary location and administrative offices are located 30 miles to the south in Sedalia, Mo., in Pettis County. The Marshall office is staffed by a part-time physician and advanced practice nurse. Of significant import to the community is Katy Trail's operation of a travelling dental van, providing basic dental screenings for area schoolchildren. Their office in Sedalia, about 30 miles south of Marshall, offers dental services for the low-income and uninsured populations and a walk-in clinic on Saturdays, which began in January 2016.

An area rural health care coalition, in which Fitzgibbon Hospital is a member and has participated in collaborative projects, also operates Federally Qualified Health Centers in the region. This entity is the Health Care Collaborative of Rural Missouri, based in Lafayette County, immediately to the west of Saline County. It operates four rural FQHCs under the name **Live Well Community Health Centers**, the closest located just on the eastern border of Lafayette County in Waverly, Mo., and another in Concordia, Mo. Both of these sites are about 30 miles from Marshall. They offer primary care, nutritional counseling, dental care and women's services.

Other Hospitals and Specialty Providers Located in Our Service Area:

I-70 Community Hospital, Sweet Springs, Mo., is a 15-bed Critical Access Hospital located in the southwestern part of Saline County. It offers limited surgical services, short-term stays and an emergency room. There is also a family practice physician and several specialists who travel in from suburban Kansas City to see patients on an outpatient clinic basis.

Fitzgibbon Hospital also owns and operates the following physician practices in Saline and Chariton Counties:

Marshall Family Practice, located on the hospital campus in the professional building. It is staffed by four FTE physicians (three full-time and two part-time) and one full-time advanced practice nurse practitioner in the specialty of family practice. It operates as a provider-based Rural Health Clinic, a safety net provider ensuring access for rural residents enrolled in Medicare and Medicaid.

Marshall Surgical Associates, also located on the hospital campus, employs two full-time general surgeons and shares space with an independent physician, **Elfrink Surgical**. These three general surgeons provide surgical coverage at Fitzgibbon Hospital in the event of an emergency, after hours and on weekends.

Marshall Women's Care, also located within Fitzgibbon Professional Building on the hospital campus, employs one full-time OB/Gyn, one part-time OB/Gyn and two certified nurse midwives who deliver babies at Fitzgibbon Hospital and provide comprehensive women's health care services. This practice operates under the umbrella of the provider-based rural health clinic.



Marshall Orthopedic and Sports Medicine Clinic, located on the second floor of Fitzgibbon Hospital, as of April 2016 employed three orthopedic physicians, one physician assistant and one advance practice nurse specializing in orthopedics and sport medicine.

Grand River Medical Clinic in Brunswick, Mo., in adjacent Chariton County, to the northeast of Saline County, as of April 2016 was staffed by a full-time nurse practitioner, and three part-time physicians. It operates as a provider-based Rural Health Clinic.

Akeman-McBurney Medical Clinic in Slater, Mo., as of April 2016 was staffed by one full-time nurse practitioner and a part-time physician. It also operates as a provider-based Rural Health Clinic.

Fitzgibbon Mental Health is located on the hospital campus, employs one full-time psychiatrist and two LSCWs to meet behavioral health needs of area residents.

A variety of outpatient specialty physicians are also available for the community through contract clinic arrangements via Fitzgibbon Hospital. These physicians visit and schedule patients on a part-time basis in the specialty areas of rheumatology, pain management, sleep disorders, medical oncology, radiation oncology, neurology, podiatry, and wound care.

Fitzgibbon Hospital offers a full range of outpatient/ancillary services for its community, including a comprehensive cancer center with medical chemotherapy and radiation therapy; cardiac/pulmonary wellness, respiratory therapy, emergency care, diagnostic laboratory, pathology, in-home hospice, 3D mammography, electrocardiology, peripheral vascular studies, diagnostic radiology, ultrasound, CT scans, MRIs, PET scans, echocardiography, nuclear medicine, physical, speech and occupational therapies, observation care, sleep lab, home health services, community education, in-home services and certified dietician services. Community education around asthma care, diabetic counseling and grief support also are available.

The following additional independent physician clinics existed in Marshall at the time of this assessment:

Jamie Ulbrich, M.D., an independent family practice physician who offices on the campus of Fitzgibbon Hospital.

Missouri Valley Physicians, operated by JCMG, employs four physicians, a physician assistant and a nurse practitioner. It also operates a full time laboratory, Doctor's Weight and Wellness weight loss and nutritional counseling clinic and a retail pharmacy. This clinic also operates as a Rural Health Clinic.

Mid-Missouri Family Health is an independent physician practice located on the Marshall downtown square. It is operated by one physician, David Keuhn, M.D., and also employs an advanced practice nurse.

Additional Socio Economic, Health and Healthy Lifestyle Resources Serving Saline County:

The **Saline County Public Health Department** - located in Marshall, the mission of the SCHD is to provide quality services to protect, maintain and enhance the health of the citizens of Saline County. Many services are available regardless of financial status and are free of charge. Some clinics have financial guidelines and reasonable fees based the cost of providing the service. Services available include:



Personal Health Services such as flu shots, WIC and Youth Special Healthcare Needs, immunizations and travel health services; TB testing; Environmental Health Services such as lodging establishment inspections, child care facility inspections and air quality inspections; health education and promotion such as breastfeeding classes; vital records and public health reporting. In the fall of 2015 the Health Department leased space within its building to Katy Trail Community Health, a federally qualified Community Health Center based in Pettis County, Mo. Katy Trail offers access to physician and nursing services for the uninsured, underinsured and commercially insured as well as assistance to individuals interested in enrolling in the health insurance marketplace or in Medicaid.

Missouri Valley Community Action Agency – Serving a seven-county area in central Missouri, its administrative offices are located in Marshall, Mo. MVCAA offers a variety of programs and services to help lift individuals and families out of poverty. Participants in most of its programs must meet income eligibility guidelines. Its motto is “Giving a Hand-Up not a Hand-out.” It plans, implements and administers a variety of assistance programs. In January 2016 MVCAA released its community needs assessment for 2014. Components of that study were cited when compiling this report.

Among the services MVCAA provides or administers are:

- Community Development
- Information and Assistance
- New Directions Initiative
- Energy Assistance
- Head Start Early Childhood Education
- Early Head Start
- Crisis Intervention
- Home Weatherization
- Family Literacy/GED
- Back to School Fairs
- Section 8 Rental Assistance
- Rural Entrepreneurship Initiative
- Tax Preparation
- Supportive Services for Veteran Families (SSVF)

Peak Performance Physical Therapy and Sports Medicine offers a variety of PT and sports related therapies.

Salt Fork YMCA – Referenced earlier as a community asset, the YMCA is among the leading voices on health, youth programs, character development and well-being nationwide. Local services offered include adult and youth exercise, sports and fitness classes, personal trainer, gymnastics, aquatics, blood drives, Active Older Adults day trips and presentations for members on a variety of health topics. Speakers addressing health topics present monthly programs free to the public.

Marshall Parks & Recreational Department – Referenced earlier as a unique characteristic of our community, the parks department operates a comprehensive recreation complex for the public including aquatics, 18-hole golf course, disc golf, tennis courts, baseball and softball diamonds, skate board park, walking trails, archery, horseshoes, fishing lakes, playground areas and picnic areas. All are available for free or a nominal fee.



SNAP 24-hour Fitness - membership based, for-profit company operating in Marshall.

Pathways Community Health - (affiliated with Compasshealth network) provides mental health and substance use treatment services for children and adults. Services include outpatient therapy, outpatient adult substance use treatment, Drug Court Assessment, and SATOP (Substance Abuse Traffic Offender Program).

Additional Resources available to meet health-related and social concerns in general:

- Burrell Behavioral Health satellite clinic
- Missouri Valley College Counseling Program
- Alcoholics Anonymous
- Marshall Public Schools-Parents As Teachers Program
- Powerhouse Ministries and Community Action Agency
- University of Missouri Extension
- Marshall Farmer's Market
- DIGS services for homeless teens and children
- Lighthouse Shelter
- Marshall Ministerial Alliance
- Division of Family Services

In addition to the community resources delineated above, Fitzgibbon Hospital has implemented a number of specialized programs and interventional services which specifically meet the needs of chronically ill and otherwise underserved. These programs and interventions are designed to help chronically ill and those suffering from our top inpatient diagnoses avert future acute events, avoid readmission to the hospital and better manage their health in the most culturally sensitive and cost-effective manner.

NCQA Recognized Level 3 Primary Care Health Home - Marshall Family Practice in Fitzgibbon Professional Building is a Rural Health Clinic operated by Fitzgibbon Hospital. In 2011, the site was selected for participation in a Missouri HealthNet Demonstration Project designed to improve primary care services for Medicaid participants with multiple chronic illnesses. Initial participation was limited to only those identified individuals enrolled in the Medicaid program who had incurred health care costs around chronic conditions such as smoking, diabetes, high blood pressure and mental health concerns.

In 2013 the practice was recognized by the National Committee for Quality Assurance (NCQA) as a Level 3 Patient-Centered Primary Care Medical Home. As of April 2016 it had implemented the Patient Centered Medical Home model in its other rural health clinics in Slater and Brunswick, Mo.

This model of care aims to achieve accessible, high-quality team-based primary care to those who are most vulnerable. The model relies on increased nurse care manager involvement, patient and family engagement and a team approach to ensure those with barriers to care and chronic illness take control of their health, thereby avoiding an acute event or an unnecessary trip to the emergency room and the associated costs. These approaches aim to develop care plans to promote health and function, reduce the burden of illness, minimize the burden of treatment on patients and caregivers, and support patient goals. Overarchingly, its concepts support the “triple aim” of health care transformation under this era



of reform: improving the experience of care, improving the health of populations and reducing per capita costs of health care for our nation.

The most effective care planning within the health home model requires a partnership between health professionals and patients, and must incorporate information about patients' circumstances and life contexts so that choices about care can be prioritized to meet the needs, values and preferences of the patient. The care plans take into consideration potential patient barriers to optimal health, such as health literacy level and language preferences, access to transportation, gender, socioeconomic status, other demands on the patient's time and energy, amount of practical assistance at home and preference for decision-making authority, as well as our community characteristics and other resources for meeting patient needs.

The adopted approach broadens and has transformed the scope of primary care through the collaborating providers (including non-physician support staff), patient engagement, enhanced access, as well as coordination of care throughout the continuum. This paradigm shift has redefined how chronic disease is addressed, challenging primary care to treat the whole patient, not just the acute condition.

This model is a logical step to address the complexity of care required by persons with chronic illness, many of whom are frail, debilitated and facing multiple barriers to address their needs. Through this intervention, the organization addresses the burden of chronic illness within this rural community, especially for those most vulnerable.

Transitions of Care Committee - This intervention evolved from a former program called Project RED (Re-Engineering ReAdmissions), whose activities were absorbed into the Transitions of Care Committee. Its goal also is to reduce unnecessary readmission but also to assist in managing patient care across the continuum. The formal stated purpose of the Transitions of Care Committee is to improve communication, improve patient safety through reducing patient harm (i.e. readmissions, ADE's, hospital acquired infections, etc) and engage patients in managing their healthcare. The committee uses a standardized approach to discharge planning and discharge education, initially developed through research funded by the Agency for Healthcare Research and Quality (AHRQ). They have targeted key areas for improvement, including medication management, transition planning, patient and family engagement, information transfer between providers, follow-up and post-discharge care, health care provider engagement and shared accountability across providers and organizations.

Hospital Engagement Network (HEN) - The Health Research & Educational Trust (HRET), an affiliate of the American Hospital Association (AHA), has been awarded a contract by the Centers for Medicare and Medicaid Services to support their Partnership for Patients (PfP) campaign. PfP is a public-private partnership that intends to help improve the quality, safety and affordability of health care for all Americans. Fitzgibbon Hospital is a participant in the Hospital Engagement Network and a nurse manager, Quality Improvement Manager Gina Glisson, has been recognized for outstanding contributions and activities in HEN.

The project helps hospitals adopt new practices that have the potential to reduce inpatient harm by 40 percent and readmissions by 20 percent over the contract. Since the inception of the collaboration in 2011, patients nationwide have experienced 2.1 million fewer incidents of harm. In short, this translates



to an estimated 87,000 deaths prevented and \$20 billion saved in health care costs between 2011 and 2014.

The PfP focuses on 10 areas for quality improvement within patient care. Within these areas, HRET supports the implementation of proven best practices and lessons learned through the use of webinars and educational sessions to hospitals participating in the partnership. HRET provides this education and training with the nearly 1,800 hospitals – including Fitzgibbon Hospital - recruited by its 33-state hospital association partners in support of their quality improvement efforts in the targeted areas:

- Adverse drug events (ADE)
- Catheter-associated urinary tract infections (CAUTI)
- Central line-associated blood stream infections (CLABSI)
- Injuries from falls and immobility
- Obstetrical adverse events
- Pressure ulcers
- Surgical site infections
- Venous thromboembolism (VTE)
- Ventilator-associated pneumonia (VAP)
- Preventable readmissions

As a Hospital Engagement Network (HEN) HRET participant, Fitzgibbon Hospital helps identify solutions to reduce health care acquired conditions, and establish ways to spread them to other hospitals and health care providers. HENs work to develop learning collaboratives for hospitals and provide a wide array of initiatives and activities to improve patient safety. Intensive training programs have been conducted to teach and support hospitals in making patient care safer, provide technical assistance so that hospitals can achieve quality measurement goals, and establish, implement and systematically track and monitor hospital progress in meeting quality improvement goals.

Activities targeted by Fitzgibbon Hospital include education via webinars, attendance at regional meetings and collaborative planning. Following is a list of webinars offered to staff via the HEN initiative:

- Sepsis Immersion Project webinars
- Falls Immersion Project webinars
- Readmission Immersion Project webinars
- Immersion Project webinars
- OB Immersion Project webinars
- CAUTI Immersion Project webinars

Asthma Ready™ Communities - A Missouri program aimed at improving asthma care through educating teachers, school nurses and other pediatric health care professionals.

Funded by the Missouri Foundation for Health, the Centers for Disease Control and additional federal grants, this one-of-a-kind program uses a unique combination of live instruction and web-based lessons to teach Missouri's professionals how to help asthma patients based on expert guidelines he also developed through research. So far, more than 900 professionals have been effectively educated through the Asthma Ready Communities™ program.



The staff of Marshall Family Practice, Akeman-McBurney Health Clinic and Grand River Medical Clinic, as well as hospitalists from Fitzgibbon Hospital participated in the training in January 2016 and in September 2013.

Breathe Easy Marshall and Nicotine Cessation Activities - Spawned, in part, as a result of the Fitzgibbon Hospital 2013 Community Health Needs Assessment which identified smoking as one of the top three health needs in our community coupled with the desire of the then city Mayor Mark Gooden to positively impact public health, Breathe Easy Marshall was formed as a grassroots advocacy and educational group seeking to advance clean air policies in Marshall's public places.

Breathe Easy Marshall, staffed primarily by Fitzgibbon Hospital personnel, physicians and other interested community members, engaged in extensive tobacco risk education and activities to reduce the smoking rate through social media, traditional media, grassroots coalition meetings and public forums. The group for about 14 months worked closely with Tobacco-Free Missouri advocacy organization and the Missouri Department of Health and Senior Services to advance activities aimed at reducing the youth initiation rate and educating the public about the dangers of secondhand smoke. It publicly recognized businesses which enacted no-smoking policies, conducted air quality studies in various restaurants and public places and conducted a community forum to educate the public about the dangers of secondhand smoke. The goal was to encourage local city leaders to enact clean air ordinances in the city of Marshall. While the advocacy efforts at local ordinance change fell short of its goal, the activities created an increased awareness of the dangers of smoking and secondhand smoke.

A separate inpatient initiative around smoking cessation was led by the hospital respiratory therapy staff. During 2015 the respiratory therapy and selected patient care team members also developed and implemented policies to educate smoking patients about smoking cessation. An educational packet of materials is distributed to each inpatient who indicates at registration that they use tobacco.

Baby and Me Tobacco Free Program in collaboration with the March of Dimes - Approximately 40% of pregnant mothers visiting Marshall Women's Care for prenatal services report they are smokers. To target this population, staff from Marshall Women's Care and the Women's Center labor and delivery at Fitzgibbon Hospital in 2014 applied for and received funding from the March of Dimes to implement a smoking cessation program aimed at expectant mothers. The program is called Baby and Me Tobacco Free. Through this program, pregnant women who are identified as smokers are counseled about the dangers of smoking for their unborn child. They also receive support and education to quit via smoking cessation classes. Periodic monitoring to test for the presence of tobacco in the bloodstream confirms if they have remained smoke-free after delivery. New mothers who do remain smoke-free while their baby is an infant receive voucher for free diapers once each month for up to a year.

Impact on Smoking - In 2012, per the Robert Woods Johnson County Health Rankings, the smoking rate in Saline County was 28 percent, compared to the national benchmark of 14 percent and the Missouri average of 24 percent. In 2016, those same County Health Rankings showed Saline County had dropped to a 23 percent smoking rate, and a Missouri average smoking rate of 21 percent. While the rate is still above the state average for numbers of smokers, the Saline County smoking rate did drop by 5 percent, which shows these educational efforts may have had some positive impact.



IV. Demographics and Health Status Data

[SEE ATTACHED]

Community Health Needs Assessment (CHNA)

Health Indicators Report

Report Area

Saline County, MO

Data Category

Demographics | Social & Economic Factors | Physical Environment | Clinical Care | Health Behaviors | Health Outcomes

Demographics

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

Data Indicators		
• Total Population	• Population Age 5-17	• Population with Any Disability
• Change in Total Population	• Population Age 18-64	• Population in Limited English Households
• Families with Children	• Population Age 18-24	• Population with Limited English Proficiency
• Female Population	• Population Age 25-34	• Population Geographic Mobility
• Male Population	• Population Age 35-44	• Foreign-Born Population
• Median Age	• Population Age 45-54	• Hispanic Population
• Population Under Age 18	• Population Age 55-64	• Urban and Rural Population
• Population Age 0-4	• Population Age 65	• Veteran Population

Total Population

A total of 23,363 people live in the 755.51 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2010-14 5-year estimates. The population density for this area, estimated at 30.92 persons per square mile, is less than the national average population density of 88.93 persons per square mile.

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Saline County, MO	23,363	755.51	30.92
Missouri	6,028,076	68,741.63	87.69
United States	314,107,083	3,531,932.26	88.93

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract



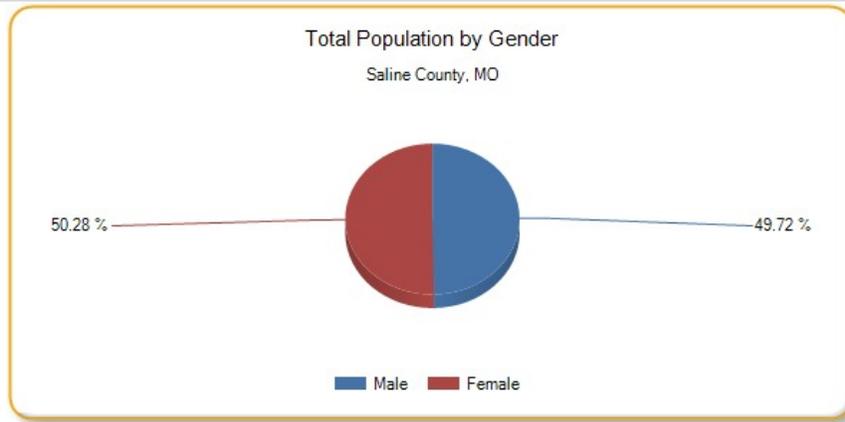
Population, Density (Persons per Sq Mile) by Tract, ACS 2010-14

- Over 5,000
- 1,001 - 5,000
- 501 - 1,000
- 51 - 500
- Under 51
- No Data or Data Suppressed
- Report Area

Total Population by Gender

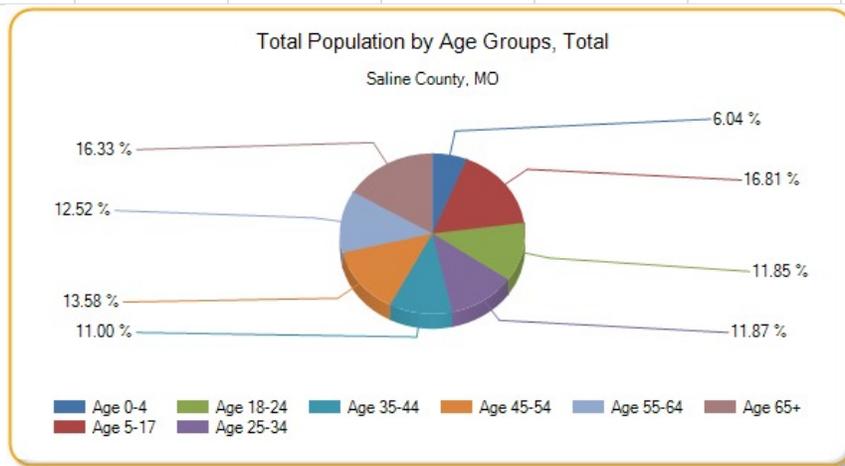
Report Area	Male	Female	Percent Male	Percent Female
Saline County, MO	11,616	11,747	49.72%	50.28%

Report Area	Male	Female	Percent Male	Percent Female
Missouri	2,953,719	3,074,357	49%	51%
United States	154,515,152	159,591,920	49.19%	50.81%



Total Population by Age Groups, Total

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
Saline County, MO	1,412	3,927	2,768	2,774	2,570	3,172	2,924	3,816
Missouri	379,273	1,027,221	592,652	792,560	735,511	854,632	763,675	882,552
United States	19,973,712	53,803,944	31,273,296	42,310,184	40,723,040	44,248,184	38,596,760	43,177,960

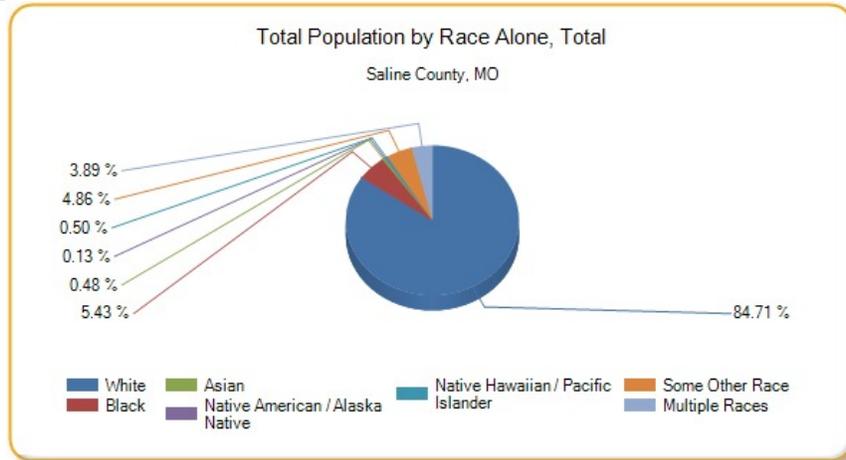


Total Population by Age Groups, Percent

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
Saline County, MO	6.04%	16.81%	11.85%	11.87%	11%	13.58%	12.52%	16.33%
Missouri	6.29%	17.04%	9.83%	13.15%	12.2%	14.18%	12.67%	14.64%
United States	6.36%	17.13%	9.96%	13.47%	12.96%	14.09%	12.29%	13.75%

Total Population by Race Alone, Total

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Saline County, MO	19,790	1,269	111	31	117	1,136	909
Missouri	4,991,914	695,813	101,772	24,269	5,983	64,057	144,268
United States	231,849,712	39,564,784	15,710,659	2,565,520	535,761	14,754,895	9,125,751

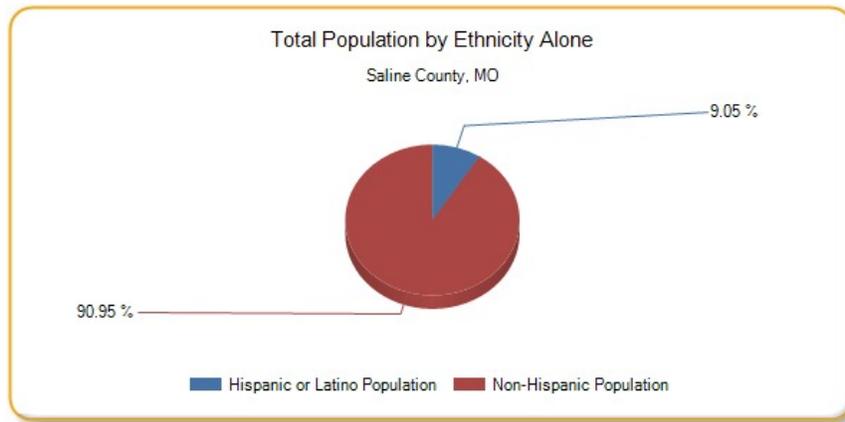


Total Population by Race Alone, Percent

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Saline County, MO	84.71%	5.43%	0.48%	0.13%	0.5%	4.86%	3.89%
Missouri	82.81%	11.54%	1.69%	0.4%	0.1%	1.06%	2.39%
United States	73.81%	12.6%	5%	0.82%	0.17%	4.7%	2.91%

Total Population by Ethnicity Alone

Report Area	Total Population	Hispanic or Latino Population	Percent Population Hispanic or Latino	Non-Hispanic Population	Percent Population Non-Hispanic
Saline County, MO	23,363	2,115	9.05%	21,248	90.95%
Missouri	6,028,076	226,388	3.76%	5,801,688	96.24%
United States	314,107,072	53,070,096	16.9%	261,036,992	83.1%



Hispanic Population by Race Alone, Total

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Saline County, MO	648	0	0	0	0	1,124	343
Missouri	140,652	5,698	1,144	2,572	155	56,642	19,525
United States	34,690,220	1,104,187	174,450	482,752	42,606	14,143,014	2,432,866

Hispanic Population by Race Alone, Percent

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Saline County, MO	30.64%	0%	0%	0%	0%	53.14%	16.22%
Missouri	62.13%	2.52%	0.51%	1.14%	0.07%	25.02%	8.62%
United States	65.37%	2.08%	0.33%	0.91%	0.08%	26.65%	4.58%

Non-Hispanic Population by Race Alone, Total

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Saline County, MO	19,142	1,269	111	31	117	12	566
Missouri	4,851,262	690,115	100,628	21,697	5,828	7,415	124,743
United States	197,159,488	38,460,600	15,536,209	2,082,768	493,155	611,881	6,692,885

Non-Hispanic Population by Race Alone, Percent

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Saline County, MO	90.09%	5.97%	0.52%	0.15%	0.55%	0.06%	2.66%

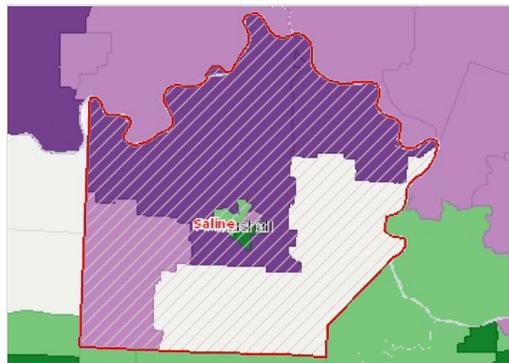
Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Missouri	83.62%	11.9%	1.73%	0.37%	0.1%	0.13%	2.15%
United States	75.53%	14.73%	5.95%	0.8%	0.19%	0.23%	2.56%

Change in Total Population

According to the United States Census Bureau Decennial Census, between 2000 and 2010 the population in the report area fell by 386 persons, a change of -1.62%. 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	Total Population Change, 2000-2010	Percent Population Change, 2000-2010
Saline County, MO	23,756	23,370	-386	-1.62%
Missouri	5,591,987	5,988,927	396,940	7.1%
United States	280,405,781	307,745,539	27,339,758	9.75%

Data Source: US Census Bureau, [Decennial Census, 2000 - 2010](#). Source geography: Tract

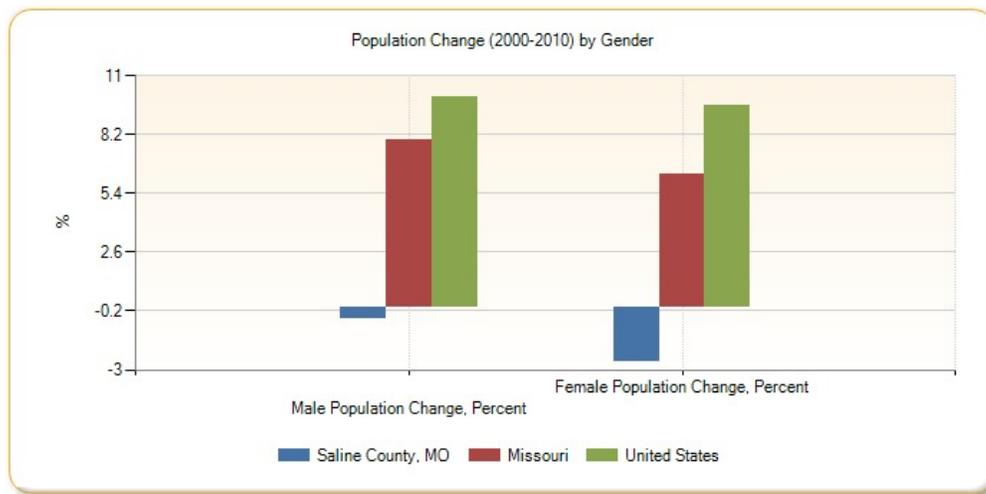


Population Change, Percent by Tract, US Census 2000 - 2010

- 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
- Report Area

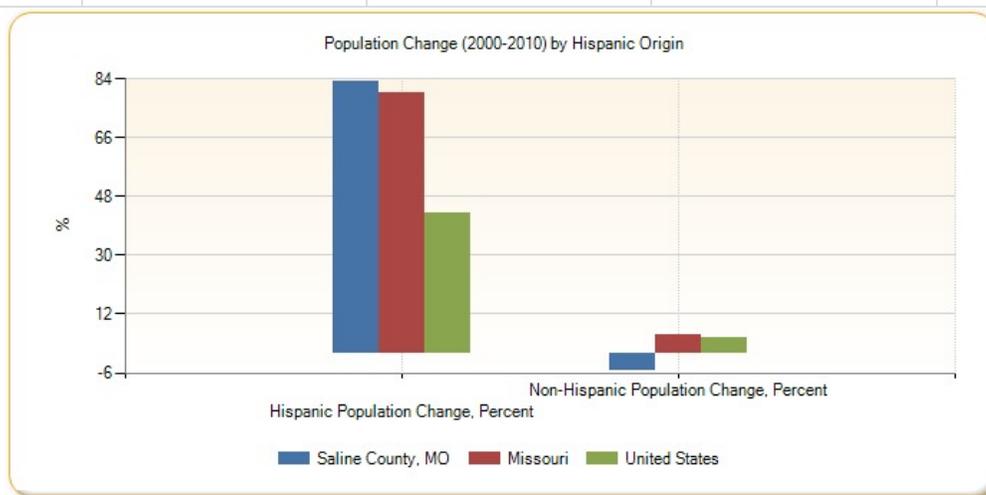
Population Change (2000-2010) by Gender

Report Area	Male Population Change, Total	Male Population Change, Percent	Female Population Change, Total	Female Population Change, Percent
Saline County, MO	-66	-0.57%	-320	-2.64%
Missouri	216,493	7.97%	180,448	6.28%
United States	13,738,020	10.02%	13,601,733	9.55%



Population Change (2000-2010) by Hispanic Origin

Report Area	Hispanic Population Change, Total	Hispanic Population Change, Percent	Non-Hispanic Population Change, Total	Non-Hispanic Population Change, Percent
Saline County, MO	875	83.33%	-1,261	-5.55%
Missouri	94,137	79.55%	302,803	5.53%
United States	15,152,943	42.93%	12,099,099	4.92%

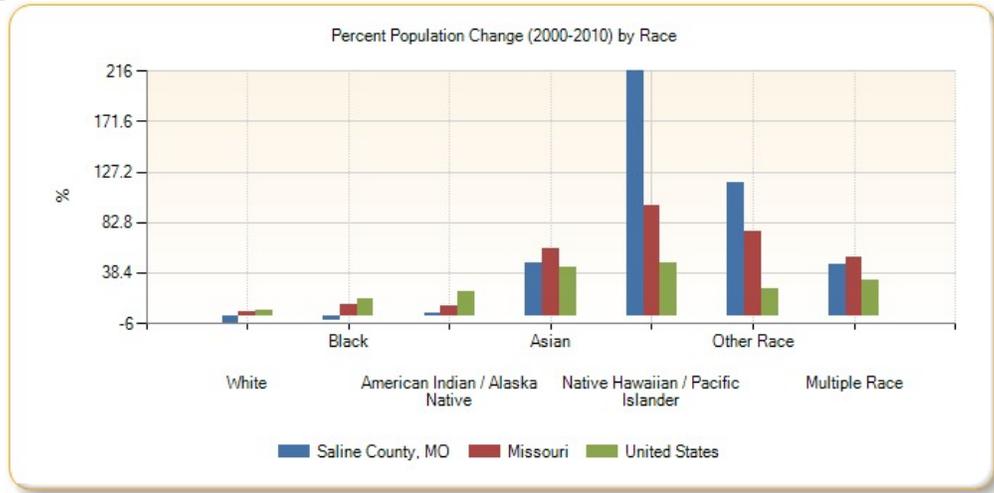


Total Population Change (2000-2010) by Race

Report Area	White	Black	American Indian / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Other Race	Multiple Race
Saline County, MO	-1,252	-45	2	40	108	584	177
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

Report Area	White	Black	American Indian / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Other Race	Multiple Race
Saline County, MO	-5.85%	-3.52%	2.74%	47.62%	216%	117.51%	45.97%
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%

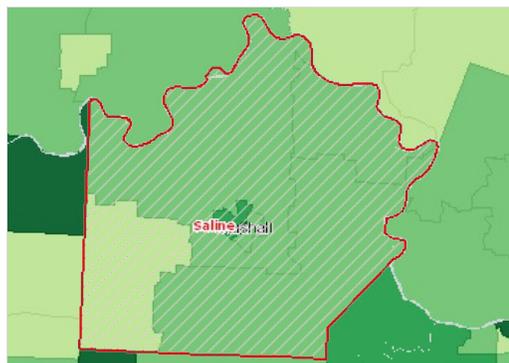


Families with Children

According to the most recent the American Community Survey estimates, 30.6% 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
Saline County, MO	8,865	5,765	2,713	30.6%
Missouri	2,361,232	1,532,908	724,912	30.7%
United States	116,211,088	76,958,064	37,554,348	32.32%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

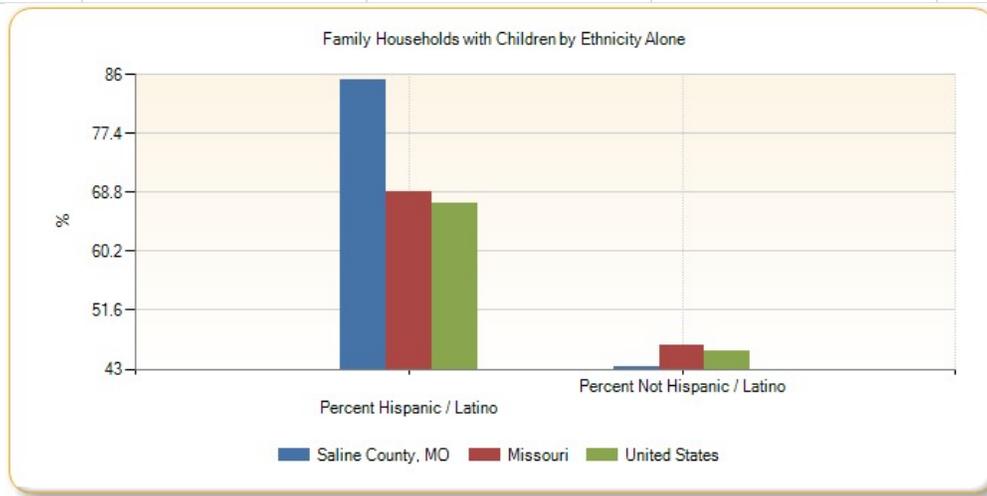


Households with Children (Age 0-17), Percent by Tract, ACS 2010-14

- Over 35.0%
- 31.6 - 35.0%
- 28.1 - 31.5%
- Under 28.1%
- No Data or Data Suppressed
- Report Area

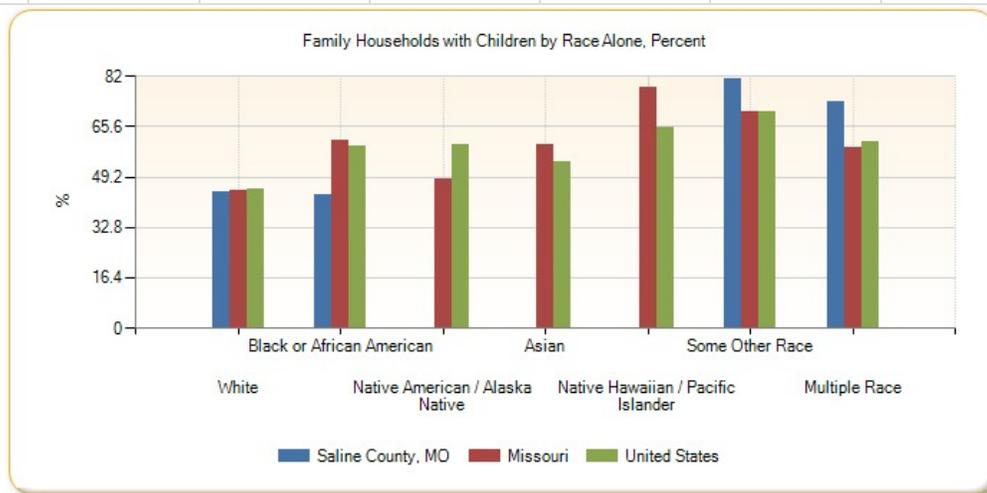
Family Households with Children by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	423	2,276	85.11%	43.2%
Missouri	28,753	692,855	68.87%	46.46%
United States	7,289,959	30,122,004	67.18%	45.57%



Family Households with Children by Race Alone, Percent

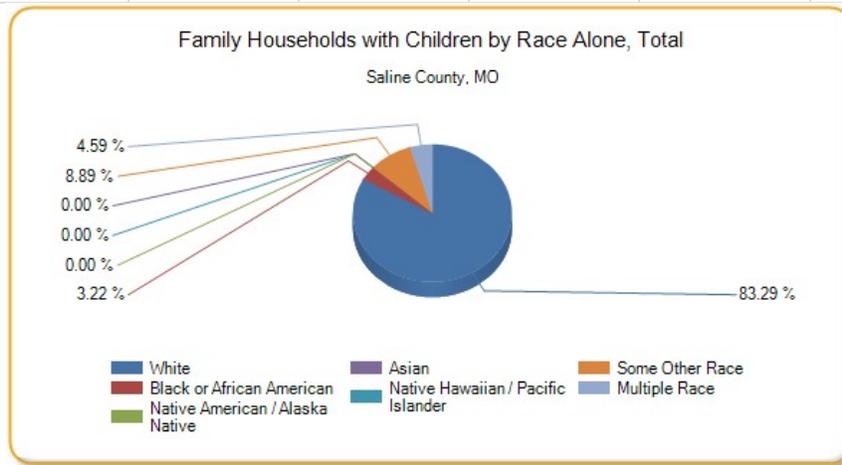
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	44.23%	43.5%	0%	no data	0%	81.08%	73.81%
Missouri	44.77%	61.31%	48.66%	59.91%	78.23%	70.43%	58.65%
United States	45.18%	59.09%	59.52%	54.18%	65.41%	70.66%	60.67%



Family Households with Children by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	44.23%	43.5%	0%	no data	0%	81.08%	73.81%
Missouri	44.77%	61.31%	48.66%	59.91%	78.23%	70.43%	58.65%
United States	45.18%	59.09%	59.52%	54.18%	65.41%	70.66%	60.67%

Saline County, MO	2,248	87	0	0	0	240	124
Missouri	589,427	94,704	3,017	12,992	733	8,451	12,284
United States	26,855,960	5,205,837	334,775	1,971,685	70,274	2,156,532	816,904

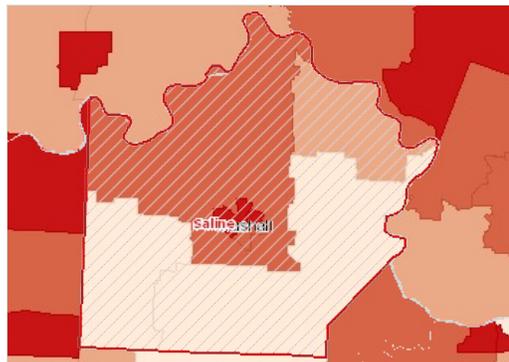


Female Population

A total of 11,747 females resided in the report area according to the U.S. Census Bureau American Community Survey 2010-14 5-year estimates. Females represented 50.28% of the total population in the area, which was less than the national average of 50.81%.

Report Area	Total Population	Female Population	Percent Female Population
Saline County, MO	23,363	11,747	50.28%
Missouri	6,028,076	3,074,357	51%
United States	314,107,072	159,591,920	50.81%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

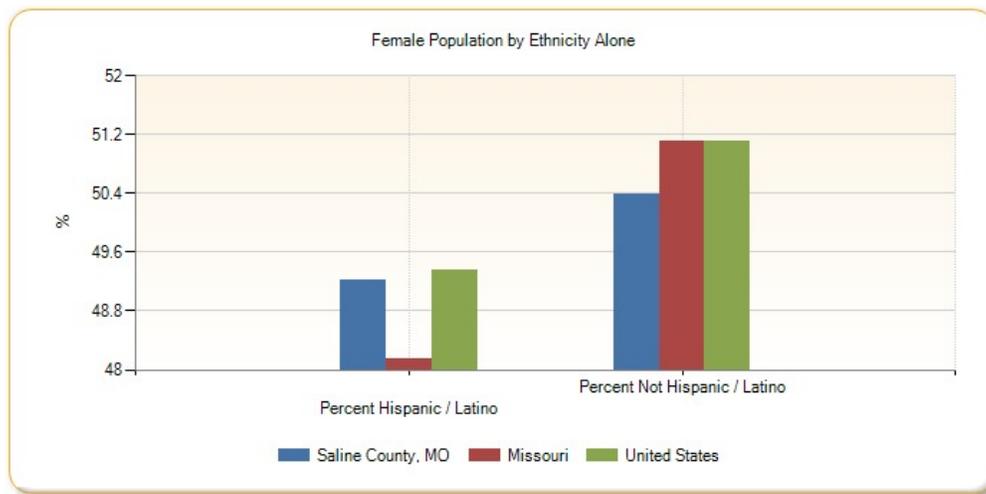


Female Population, Percent by Tract, ACS 2010-14

- Over 52.0%
- 50.1 - 52.0%
- 48.1 - 50.0%
- Under 48.1%
- No Female Population Reported
- No Data or Data Suppressed
- Report Area

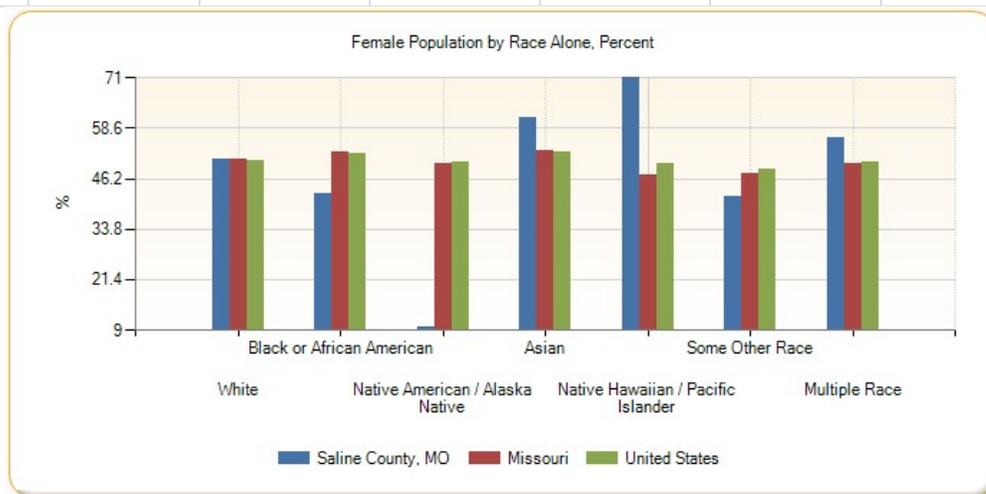
Female Population by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	1,041	10,706	49.22%	50.39%
Missouri	108,987	2,965,370	48.14%	51.11%
United States	26,192,600	133,399,320	49.35%	51.1%



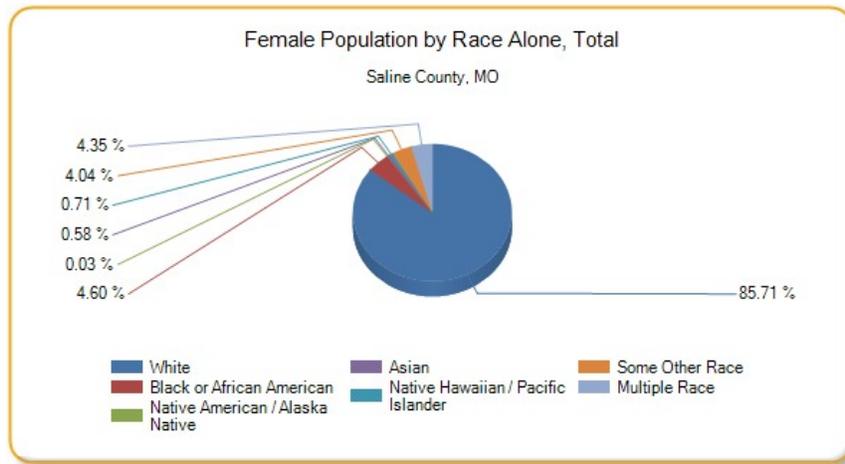
Female Population by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	50.87%	42.55%	9.68%	61.26%	70.94%	41.73%	56.22%
Missouri	50.81%	52.69%	49.85%	52.97%	47.03%	47.52%	50.06%
United States	50.62%	52.25%	50.26%	52.57%	49.8%	48.49%	50.24%



Female Population by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	10,068	540	3	68	83	474	511
Missouri	2,536,245	366,630	12,099	53,912	2,814	30,442	72,215
United States	117,362,784	20,674,464	1,289,443	8,258,636	266,787	7,155,022	4,584,790



Male Population

A total of 11,616 males resided in the report area according to the U.S. Census Bureau American Community Survey 2010-14 5-year estimates. Males represented 49.72% of the total population in the area, which was greater than the national average of 49.19%.

Report Area	Total Population	Male Population	Percent Male Population
Saline County, MO	23,363	11,616	49.72%
Missouri	6,028,076	2,953,719	49%
United States	314,107,072	154,515,152	49.19%

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

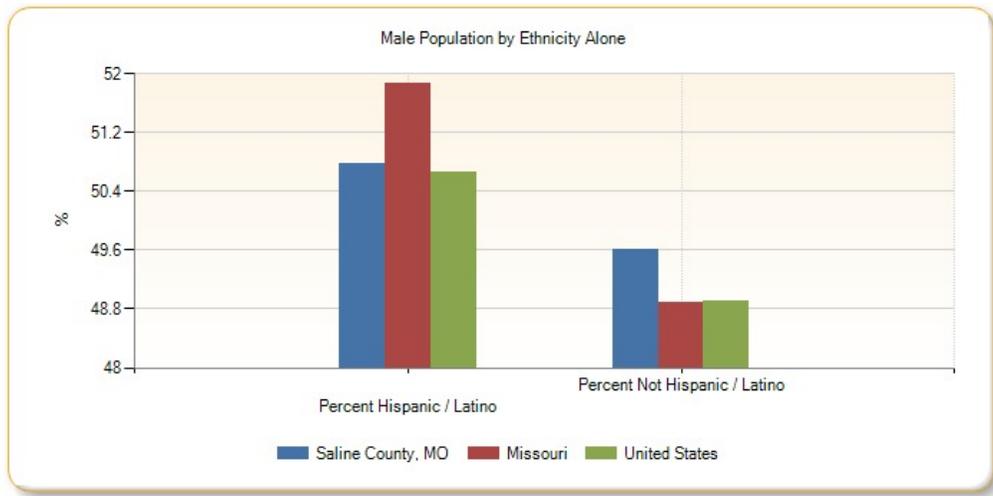


Male Population, Percent by Tract, ACS 2010-14



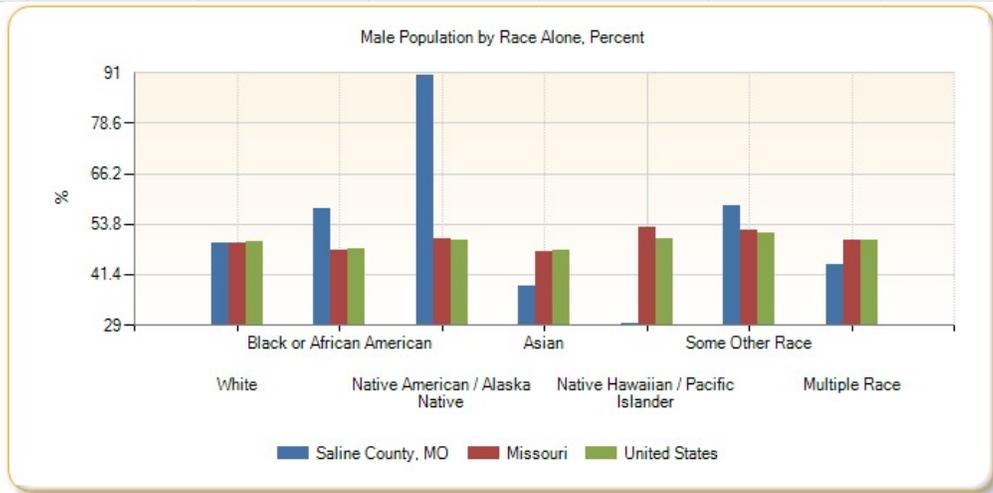
Male Population by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	1,074	10,542	50.78%	49.61%
Missouri	117,401	2,836,318	51.86%	48.89%
United States	26,877,496	127,637,656	50.65%	48.9%



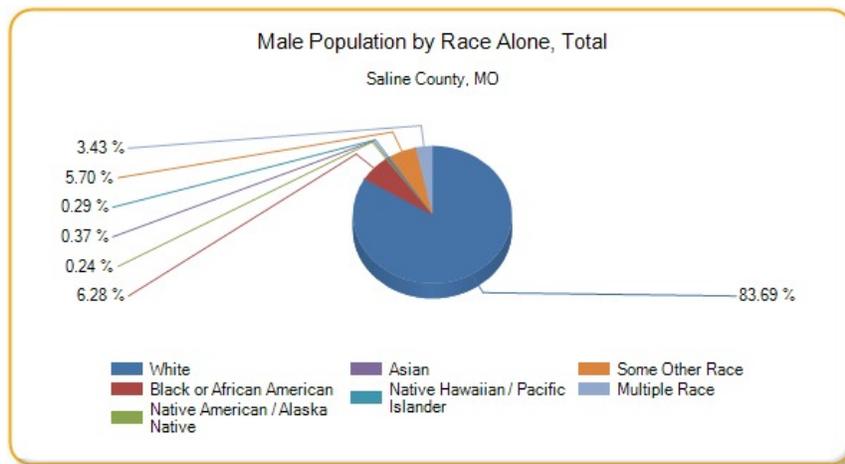
Male Population by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	49.13%	57.45%	90.32%	38.74%	29.06%	58.27%	43.78%
Missouri	49.19%	47.31%	50.15%	47.03%	52.97%	52.48%	49.94%
United States	49.38%	47.75%	49.74%	47.43%	50.2%	51.51%	49.76%



Male Population by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	9,722	729	28	43	34	662	398
Missouri	2,455,669	329,183	12,170	47,860	3,169	33,615	72,053
United States	114,486,928	18,890,320	1,276,077	7,452,023	268,974	7,599,873	4,540,961



Median Age

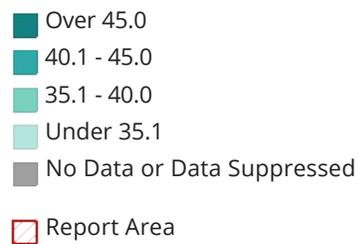
This indicator reports population median age based on the 5-year American Community Survey estimate.

Report Area	Total Population	Median Age
Saline County, MO	23,363	37.9
Missouri	6,028,076	38.1
United States	314,107,072	37.4

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

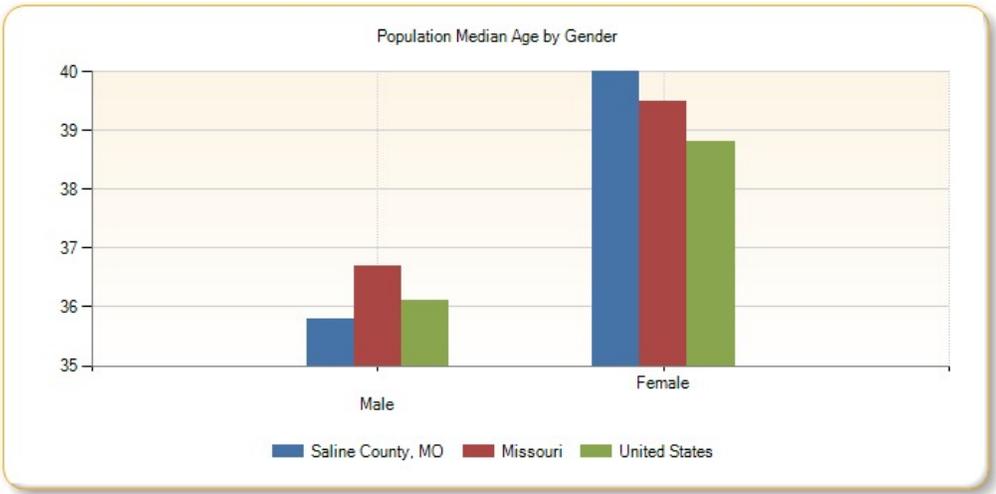


Median Age by Tract, ACS 2010-14



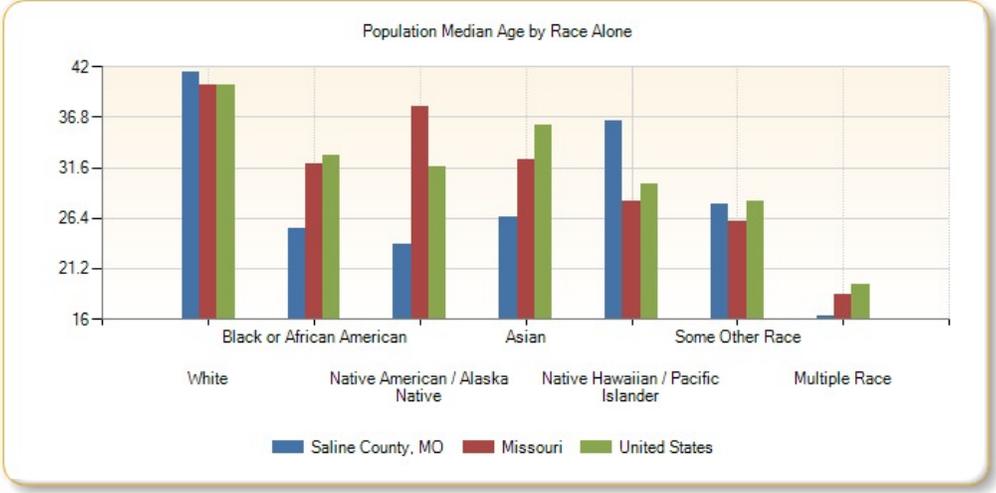
Population Median Age by Gender

Report Area	Male	Female
Saline County, MO	35.8	40
Missouri	36.7	39.5
United States	36.1	38.8



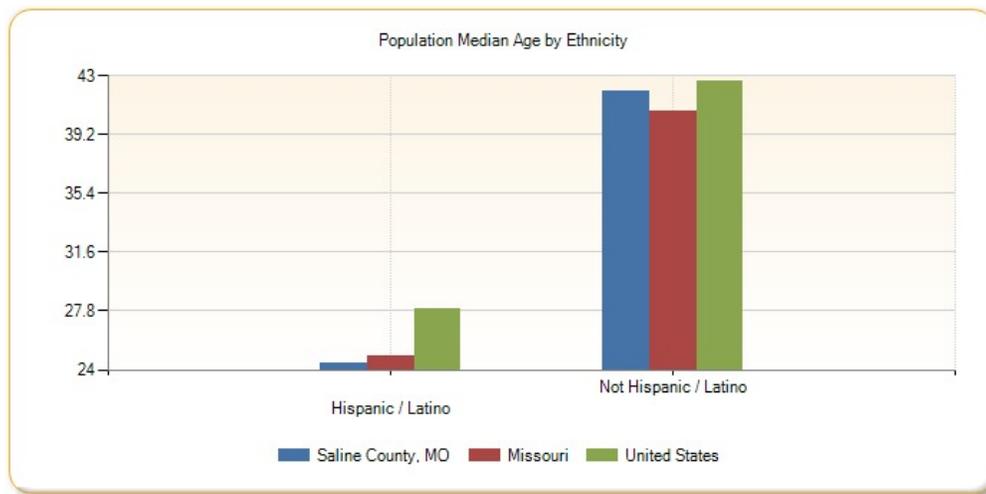
Population Median Age by Race Alone

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	41.4	25.3	23.7	26.5	36.4	27.8	16.3
Missouri	40.1	32	37.9	32.4	28.2	26	18.6
United States	40.1	32.9	31.7	36	29.9	28.2	19.5



Population Median Age by Ethnicity

Report Area	Hispanic / Latino	Not Hispanic / Latino
Saline County, MO	24.4	42
Missouri	24.9	40.7
United States	27.9	42.6

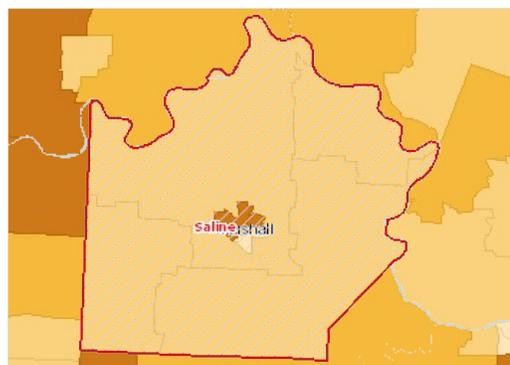


Population Under Age 18

An estimated 22.85% percent of the population in the report area is under the age of 18 according to the U.S. Census Bureau American Community Survey 2010-14 5-year estimates. An estimated total of 5,339 youths resided in the area during this time period. The number of persons under age 18 is relevant because this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 0-17	Percent Population Age 0-17
Saline County, MO	23,363	5,339	22.85%
Missouri	6,028,076	1,406,494	23.33%
United States	314,107,072	73,777,656	23.49%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

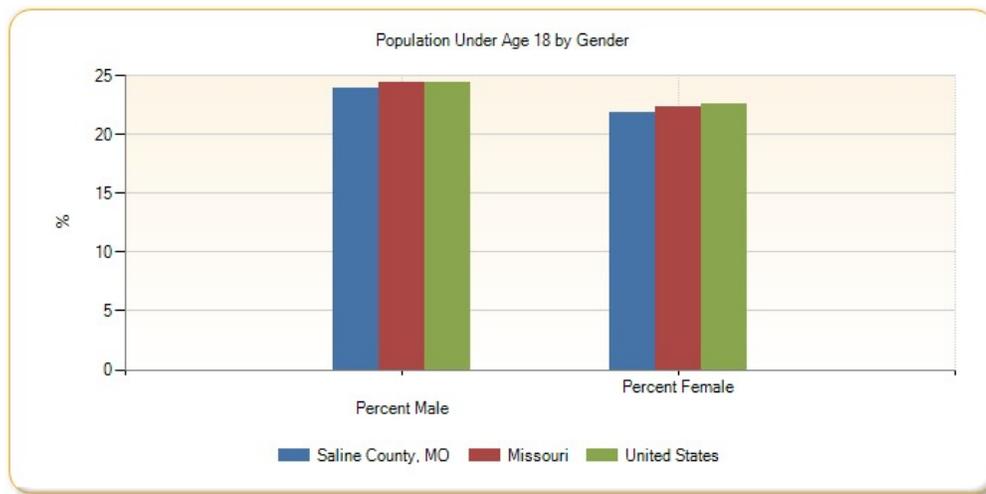


Population Age 0-17, Percent by Tract, ACS 2010-14

- Over 26.0%
- 23.1 - 26.0%
- 20.1 - 23.0%
- Under 20.1%
- No Data or Data Suppressed
- Report Area

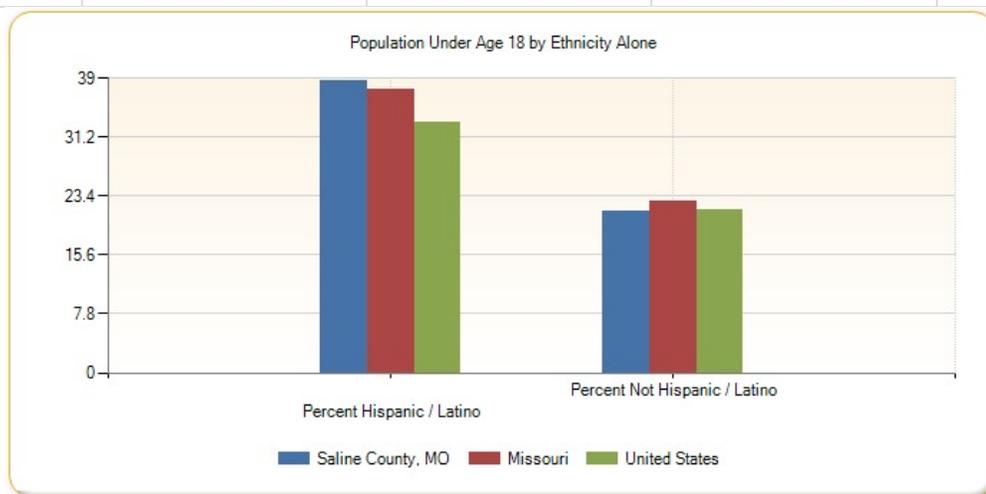
Population Under Age 18 by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	2,776	2,563	23.9%	21.82%
Missouri	719,867	686,627	24.37%	22.33%
United States	37,716,036	36,061,616	24.41%	22.6%



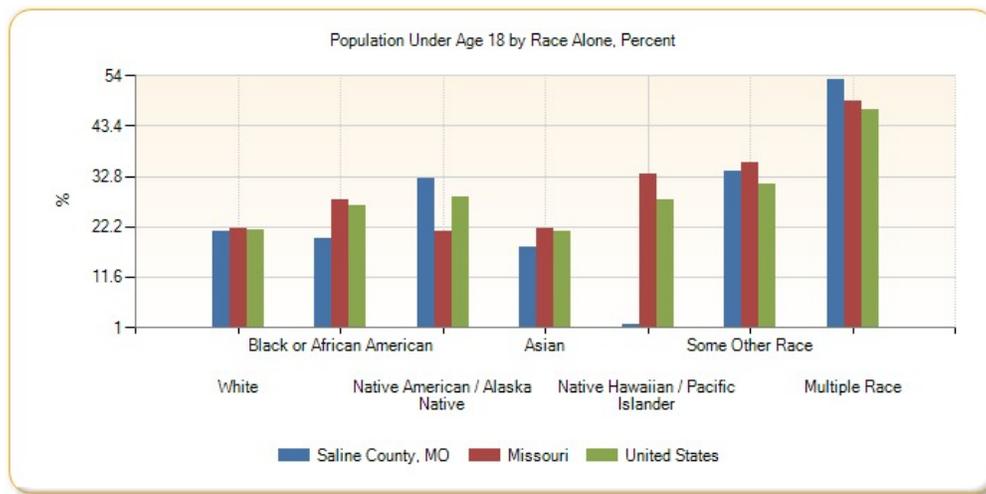
Population Under Age 18 by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	817	4,522	38.63%	21.28%
Missouri	84,833	1,321,661	37.47%	22.78%
United States	17,561,660	56,215,992	33.09%	21.54%



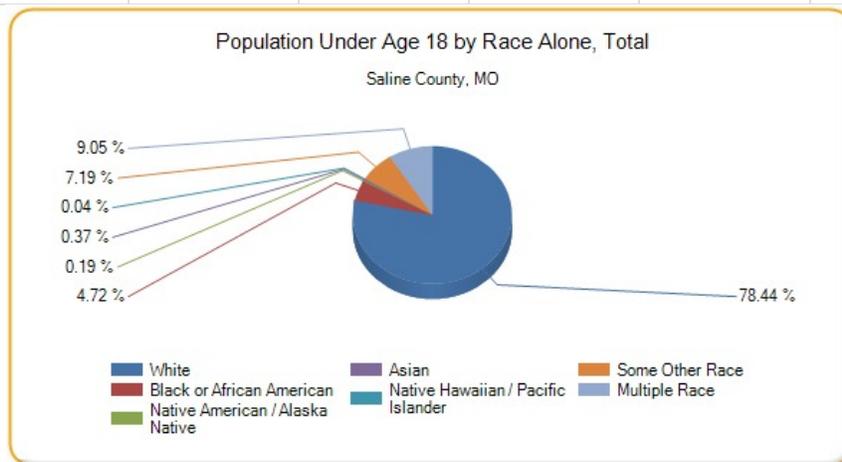
Population Under Age 18 by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	21.16%	19.86%	32.26%	18.02%	1.71%	33.8%	53.14%
Missouri	21.86%	27.72%	21.27%	21.92%	33.38%	35.77%	48.55%
United States	21.63%	26.63%	28.31%	21.19%	27.81%	31.3%	46.91%



Population Under Age 18 by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	4,188	252	10	20	2	384	483
Missouri	1,091,220	192,854	5,162	22,311	1,997	22,912	70,038
United States	50,139,668	10,534,359	726,286	3,328,842	148,969	4,618,373	4,281,155

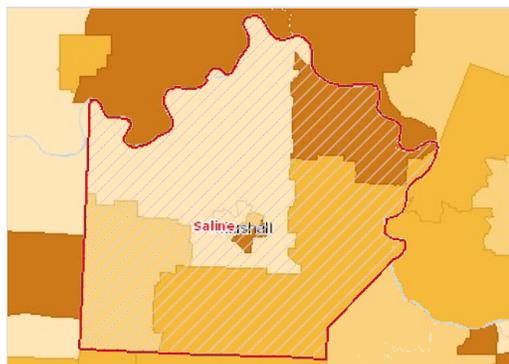


Population Age 0-4

This indicator reports the percentage of children aged 0-4 in the designated geographic area. This indicator is relevant because it is important to understand the percentage of infants and young children in the community, as this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 0-4	Percent Population Age 0-4
Saline County, MO	23,363	1,412	6.04%
Missouri	6,028,076	379,273	6.29%
United States	314,107,072	19,973,712	6.36%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

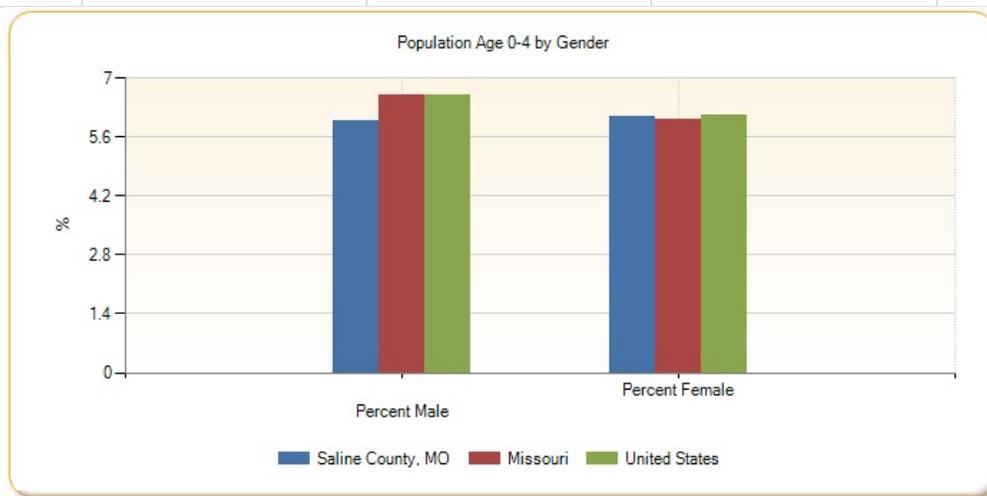


Population Age 0-4, Percent by Tract, ACS 2010-14



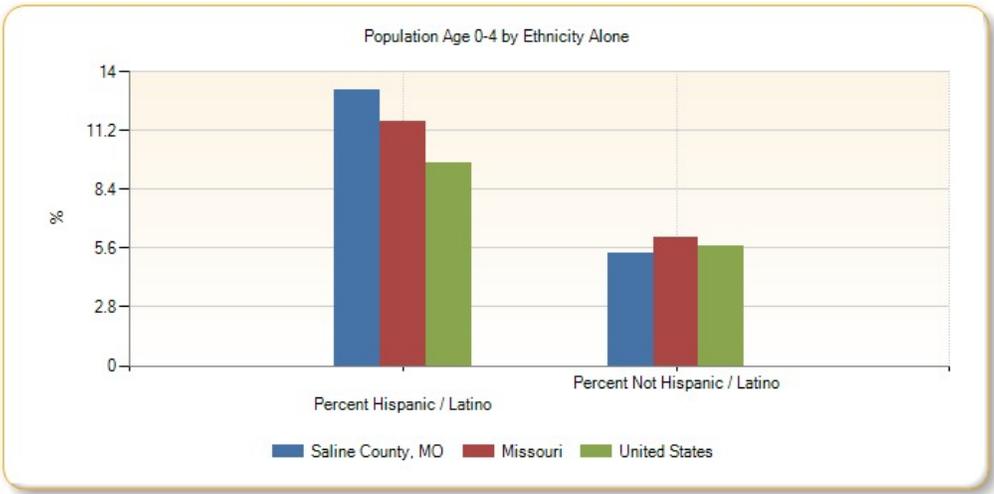
Population Age 0-4 by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	695	717	5.98%	6.1%
Missouri	194,363	184,910	6.58%	6.01%
United States	10,205,881	9,767,830	6.61%	6.12%



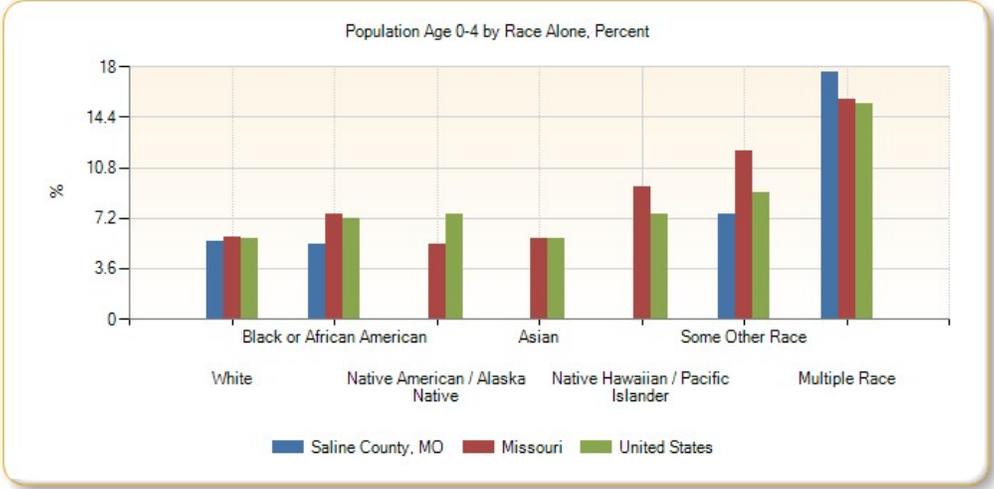
Population Age 0-4 by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	278	1,134	13.14%	5.34%
Missouri	26,254	353,019	11.6%	6.08%
United States	5,125,083	14,848,629	9.66%	5.69%



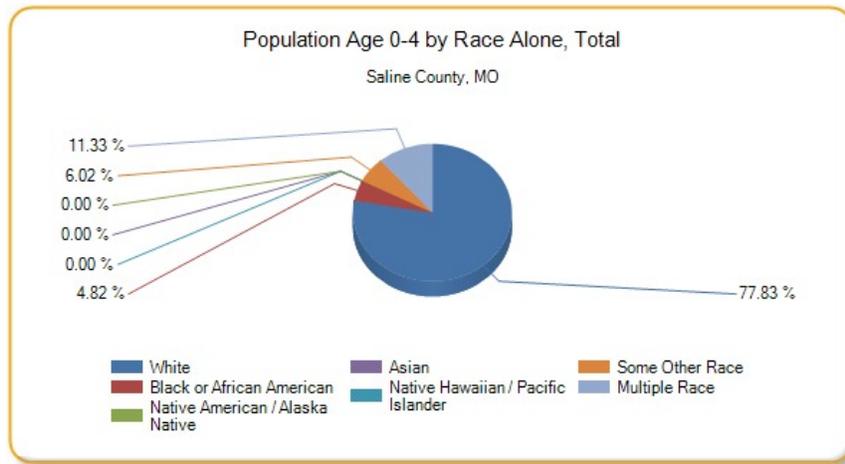
Population Age 0-4 by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	5.55%	5.36%	0%	0%	0%	7.48%	17.6%
Missouri	5.8%	7.48%	5.29%	5.72%	9.38%	12.02%	15.66%
United States	5.73%	7.14%	7.46%	5.73%	7.53%	9%	15.41%



Population Age 0-4 by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	1,099	68	0	0	0	85	160
Missouri	289,295	52,021	1,285	5,817	561	7,700	22,594
United States	13,280,289	2,826,820	191,369	900,372	40,332	1,328,071	1,406,458

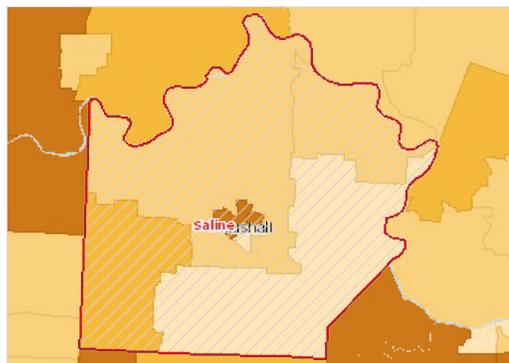


Population Age 5-17

This indicator reports the percentage of youth aged 5-17 in the designated geographic area. This indicator is relevant because it is important to understand the percentage of youth in the community, as this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 5-17	Percent Population Age 5-17
Saline County, MO	23,363	3,927	16.81%
Missouri	6,028,076	1,027,221	17.04%
United States	314,107,072	53,803,944	17.13%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

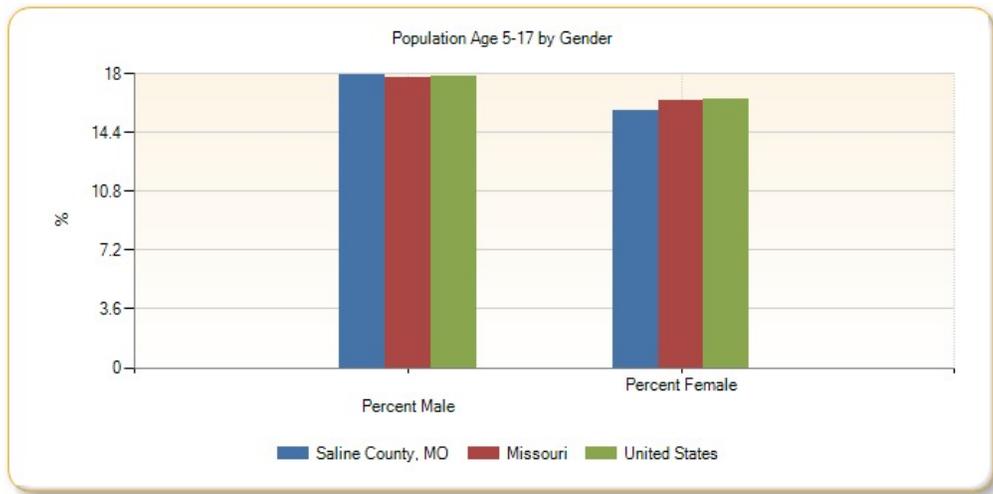


Population Age 5-17, Percent by Tract, ACS 2010-14



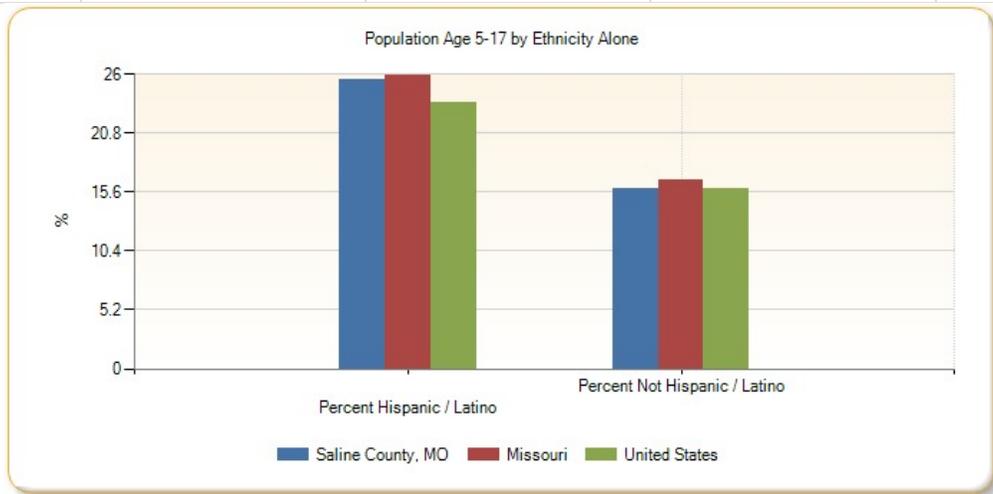
Population Age 5-17 by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	2,081	1,846	17.91%	15.71%
Missouri	525,504	501,717	17.79%	16.32%
United States	27,510,156	26,293,790	17.8%	16.48%



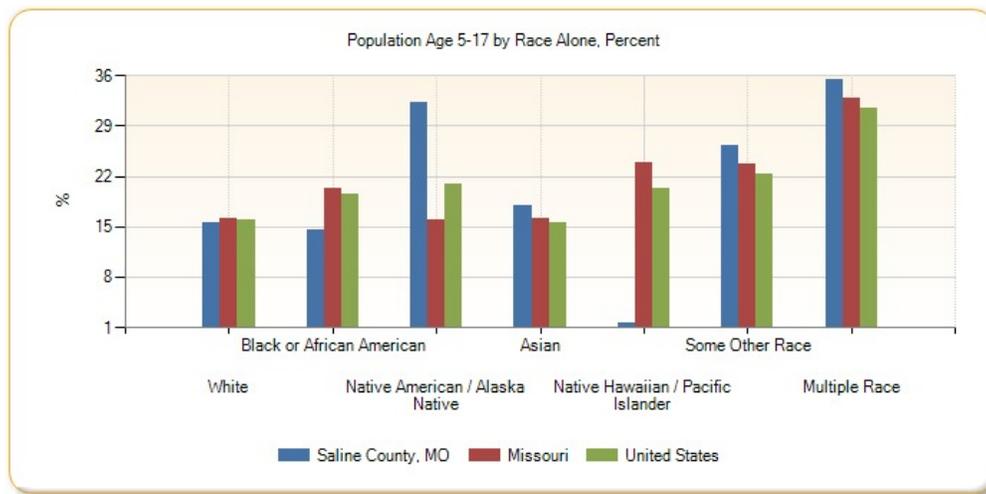
Population Age 5-17 by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	539	3,388	25.48%	15.95%
Missouri	58,579	968,642	25.88%	16.7%
United States	12,436,576	41,367,368	23.43%	15.85%



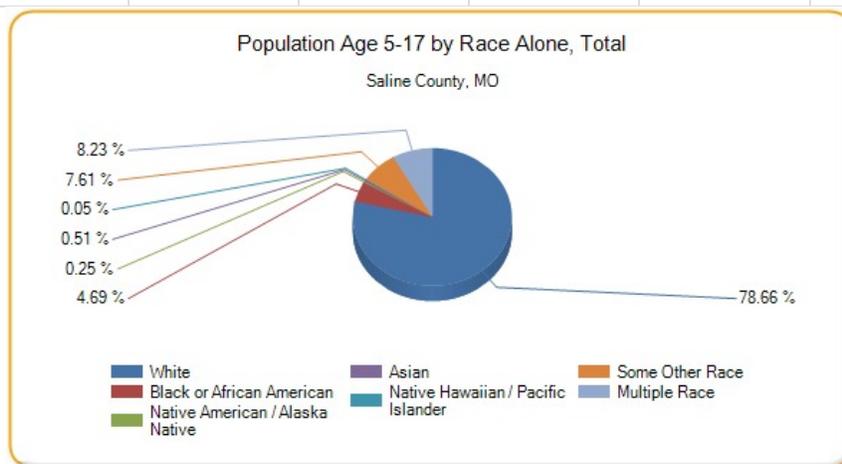
Population Age 5-17 by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	15.61%	14.5%	32.26%	18.02%	1.71%	26.32%	35.53%
Missouri	16.06%	20.24%	15.98%	16.21%	24%	23.75%	32.89%
United States	15.9%	19.48%	20.85%	15.46%	20.28%	22.3%	31.5%



Population Age 5-17 by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	3,089	184	10	20	2	299	323
Missouri	801,925	140,833	3,877	16,494	1,436	15,212	47,444
United States	36,859,384	7,707,539	534,917	2,428,470	108,637	3,290,302	2,874,697

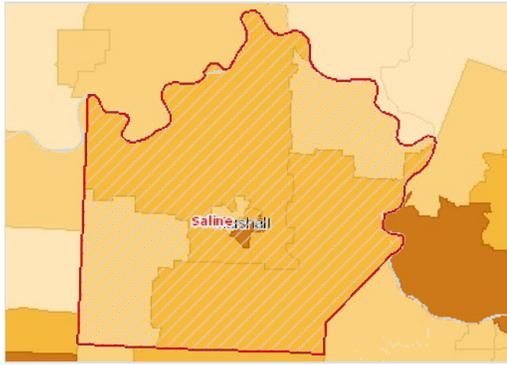


Population Age 18-64

This indicator reports the percentage of population age 18-64 in the designated geographic area. This indicator is relevant because it is important to understand the percentage of adults in the community, as this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 18-64	Percent Population Age 18-64
Saline County, MO	23,363	14,208	60.81%
Missouri	6,028,076	3,739,030	62.03%
United States	314,107,072	197,151,488	62.77%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

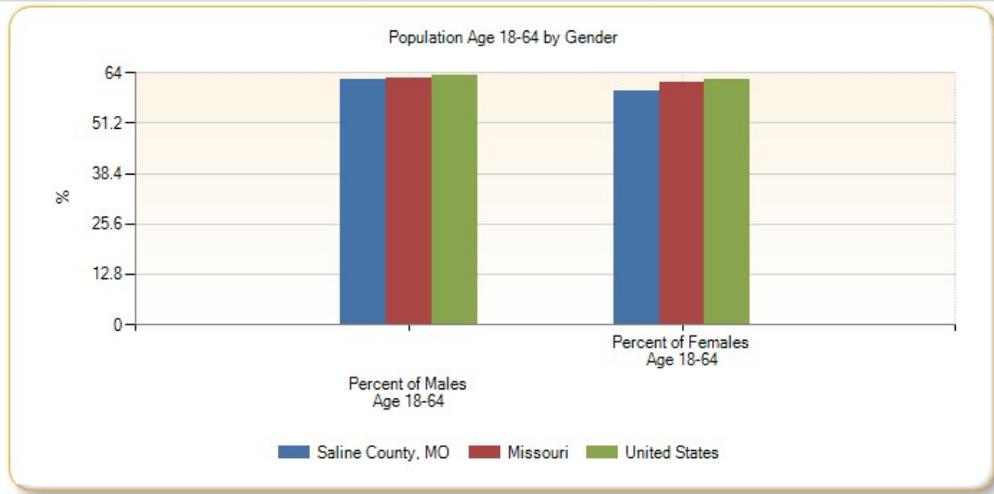


Population Age 18-64, Percent by Tract, ACS 2010-14



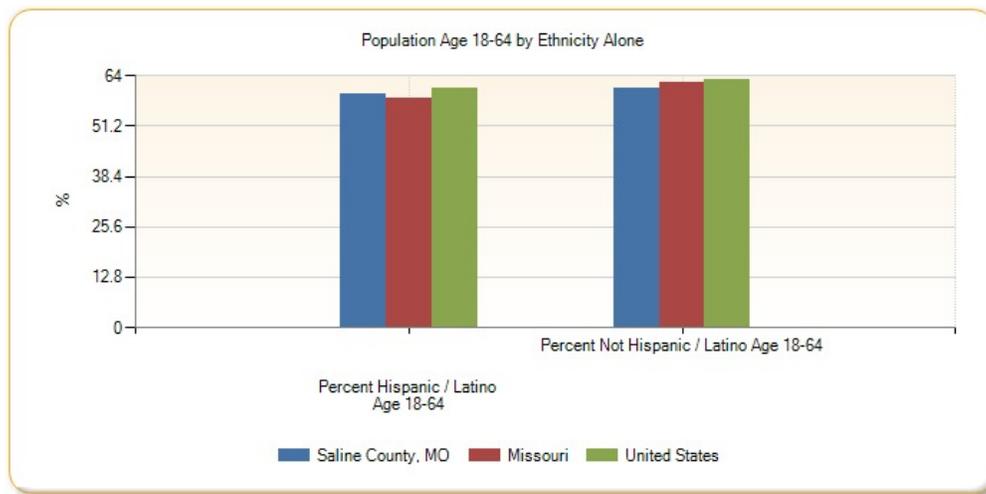
Population Age 18-64 by Gender

Report Area	Males Age 18-64	Females Age 18-64	Percent of Males Age 18-64	Percent of Females Age 18-64
Saline County, MO	7,230	6,978	62.24%	59.4%
Missouri	1,850,399	1,888,631	62.65%	61.43%
United States	97,973,928	99,177,536	63.41%	62.14%



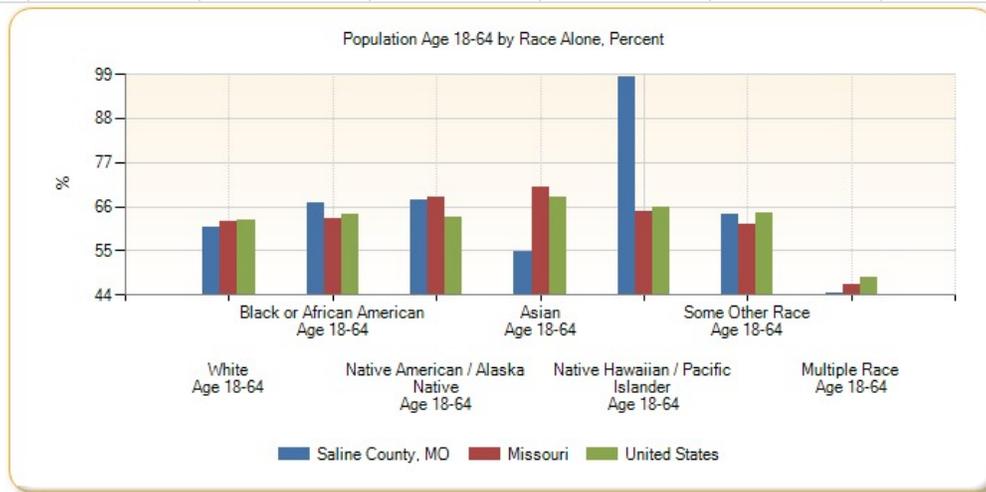
Population Age 18-64 by Ethnicity Alone

Report Area	Hispanic / Latino Age 18-64	Not Hispanic / Latino Age 18-64	Percent Hispanic / Latino Age 18-64	Percent Not Hispanic / Latino Age 18-64
Saline County, MO	1,257	12,951	59.43%	60.95%
Missouri	131,829	3,607,201	58.23%	62.18%
United States	32,345,440	164,806,048	60.95%	63.14%



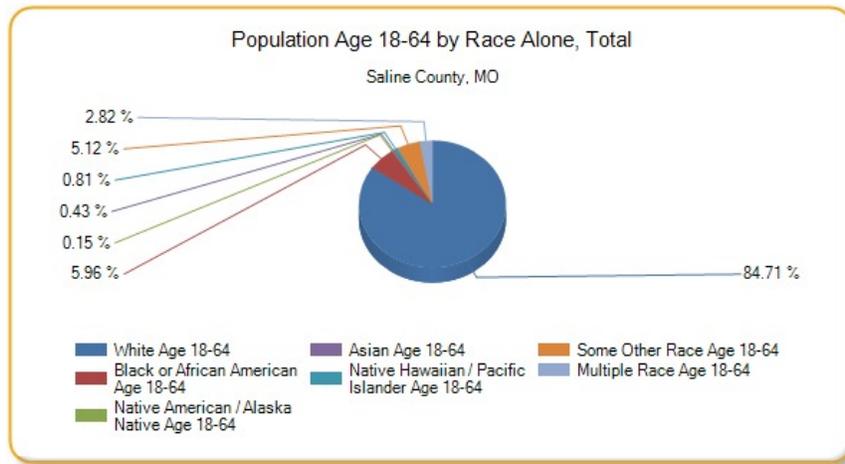
Population Age 18-64 by Race Alone, Percent

Report Area	White Age 18-64	Black or African American Age 18-64	Native American / Alaska Native Age 18-64	Asian Age 18-64	Native Hawaiian / Pacific Islander Age 18-64	Some Other Race Age 18-64	Multiple Race Age 18-64
Saline County, MO	60.81%	66.75%	67.74%	54.95%	98.29%	64.08%	44.11%
Missouri	62.15%	62.85%	68.36%	70.87%	64.72%	61.61%	46.69%
United States	62.64%	63.93%	63.53%	68.46%	65.75%	64.28%	48.38%



Population Age 18-64 by Race Alone, Total

Report Area	White Age 18-64	Black or African American Age 18-64	Native American / Alaska Native Age 18-64	Asian Age 18-64	Native Hawaiian / Pacific Islander Age 18-64	Some Other Race Age 18-64	Multiple Race Age 18-64
Saline County, MO	12,035	847	21	61	115	728	401
Missouri	3,102,325	437,288	16,590	72,128	3,872	39,468	67,359
United States	145,221,568	25,292,742	1,629,957	10,756,169	352,258	9,484,082	4,414,689

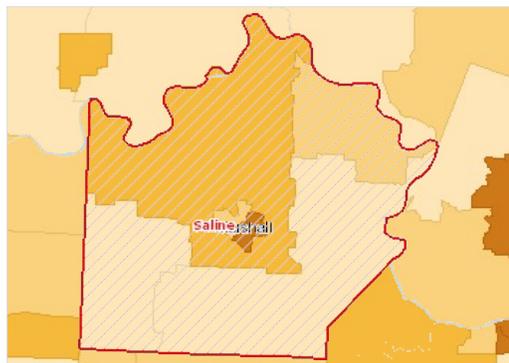


Population Age 18-24

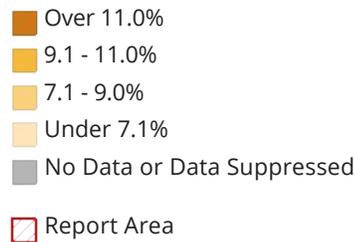
This indicator reports the percentage of youth aged 18-24 in the designated geographic area. This indicator is relevant because it is important to understand the percentage of youth in the community, as this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 18-24	Percent Population Age 18-24
Saline County, MO	23,363	2,768	11.85%
Missouri	6,028,076	592,652	9.83%
United States	314,107,072	31,273,296	9.96%

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

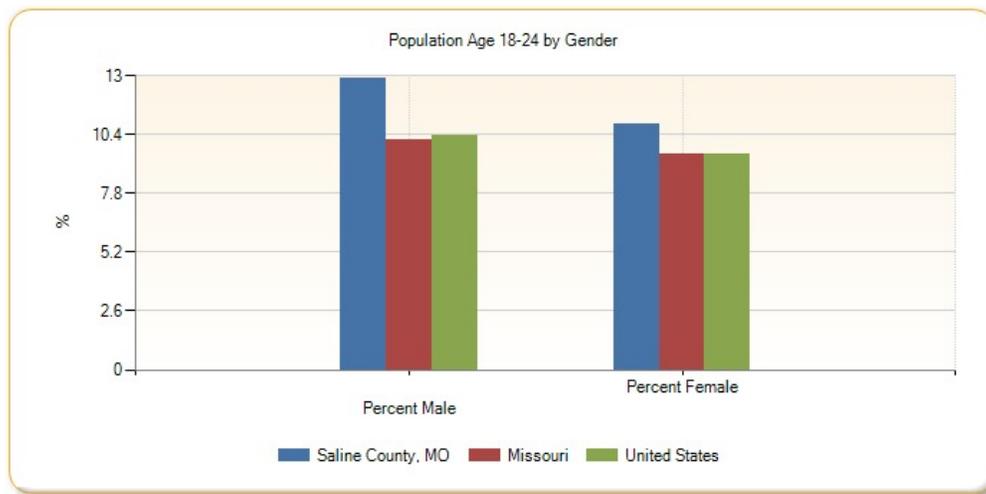


Population Age 18-24, Percent by Tract, ACS 2010-14



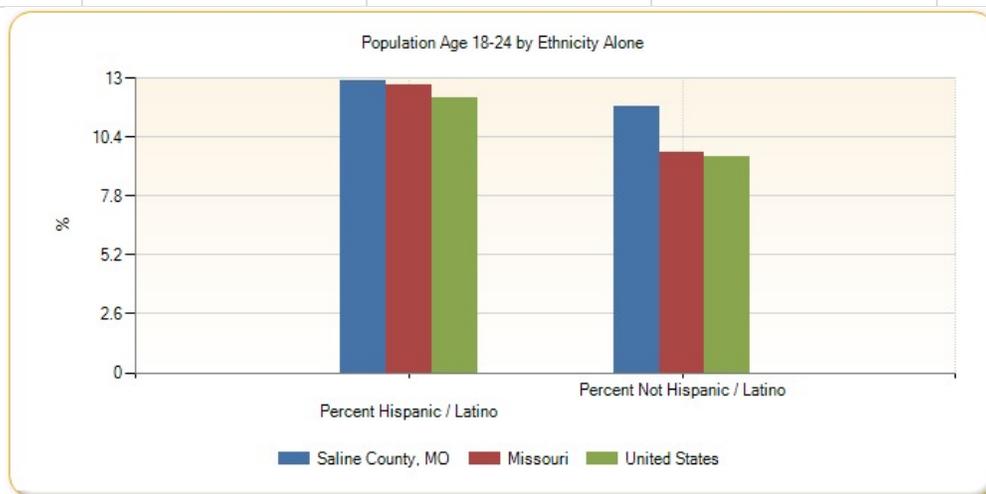
Population Age 18-24 by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	1,494	1,274	12.86%	10.85%
Missouri	299,665	292,987	10.15%	9.53%
United States	16,011,111	15,262,186	10.36%	9.56%



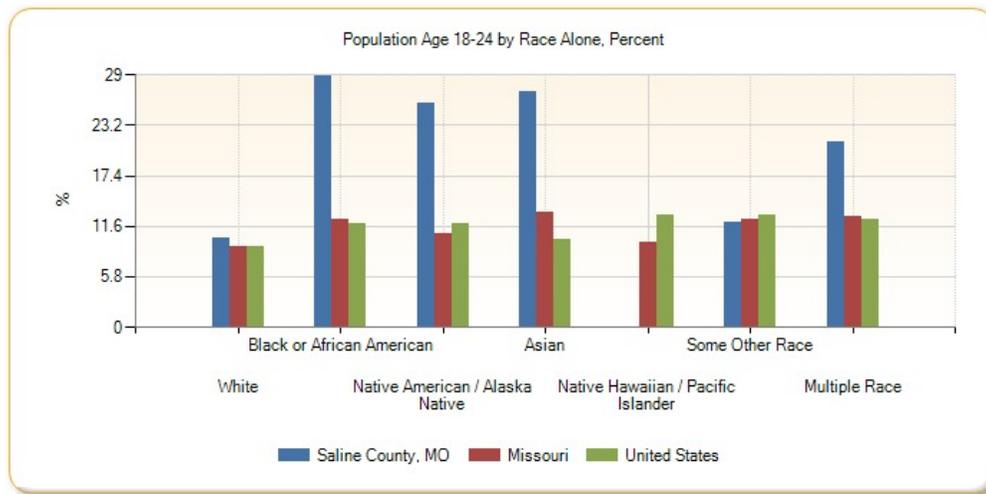
Population Age 18-24 by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	272	2,496	12.86%	11.75%
Missouri	28,706	563,946	12.68%	9.72%
United States	6,430,333	24,842,964	12.12%	9.52%



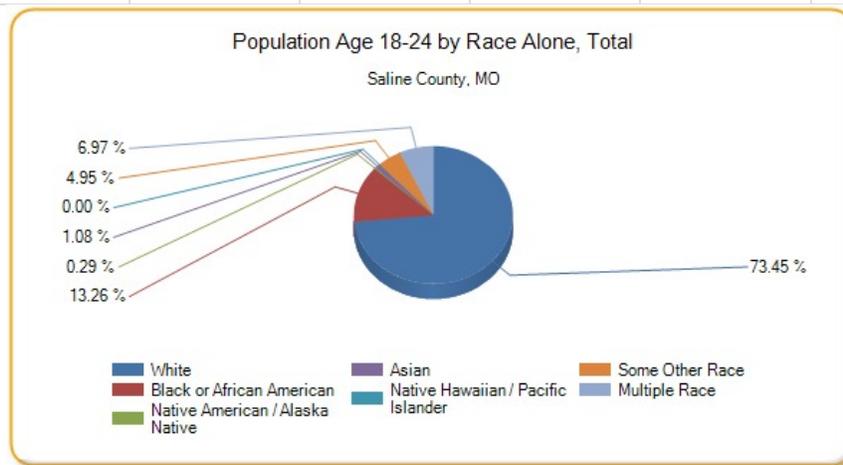
Population Age 18-24 by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	10.27%	28.92%	25.81%	27.03%	0%	12.06%	21.23%
Missouri	9.29%	12.37%	10.76%	13.19%	9.76%	12.42%	12.65%
United States	9.29%	11.96%	11.89%	10.15%	12.91%	12.84%	12.42%



Population Age 18-24 by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	2,033	367	8	30	0	137	193
Missouri	463,724	86,095	2,611	13,424	584	7,957	18,257
United States	21,547,320	4,730,079	304,982	1,594,485	69,160	1,894,126	1,133,144

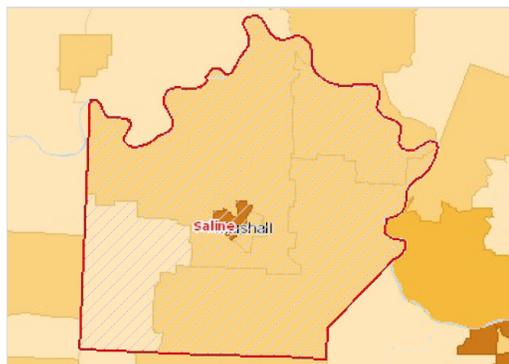


Population Age 25-34

This indicator reports the percentage of youth aged 25-34 in the designated geographic area. This indicator is relevant because it is important to understand the percentage of youth in the community, as this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 25-34	Percent Population Age 25-34
Saline County, MO	23,363	2,774	11.87%
Missouri	6,028,076	792,560	13.15%
United States	314,107,072	42,310,184	13.47%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

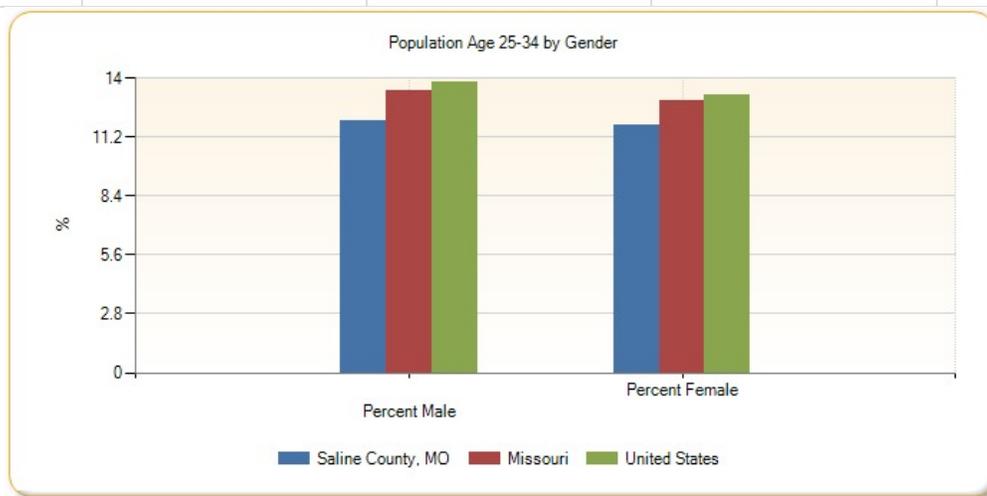


Population Age 25-34, Percent by Tract, ACS 2010-14



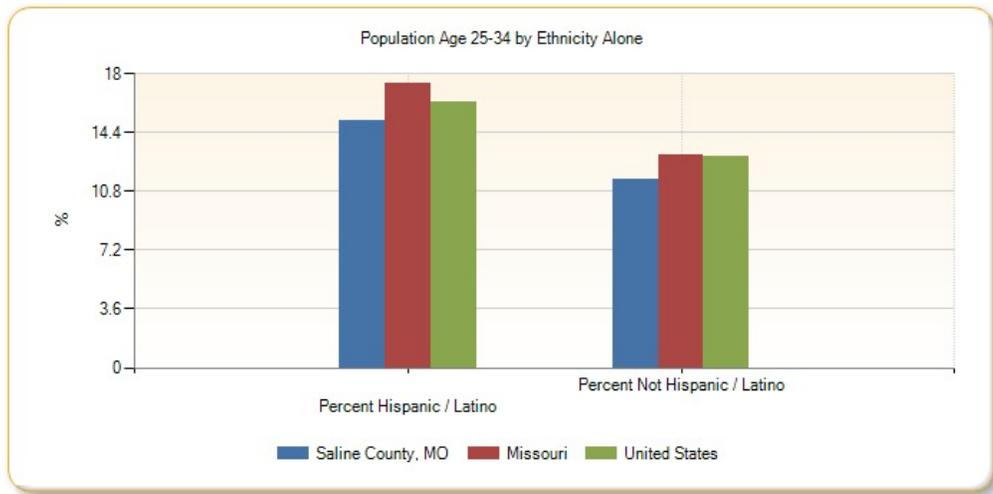
Population Age 25-34 by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	1,389	1,385	11.96%	11.79%
Missouri	395,610	396,950	13.39%	12.91%
United States	21,302,940	21,007,244	13.79%	13.16%



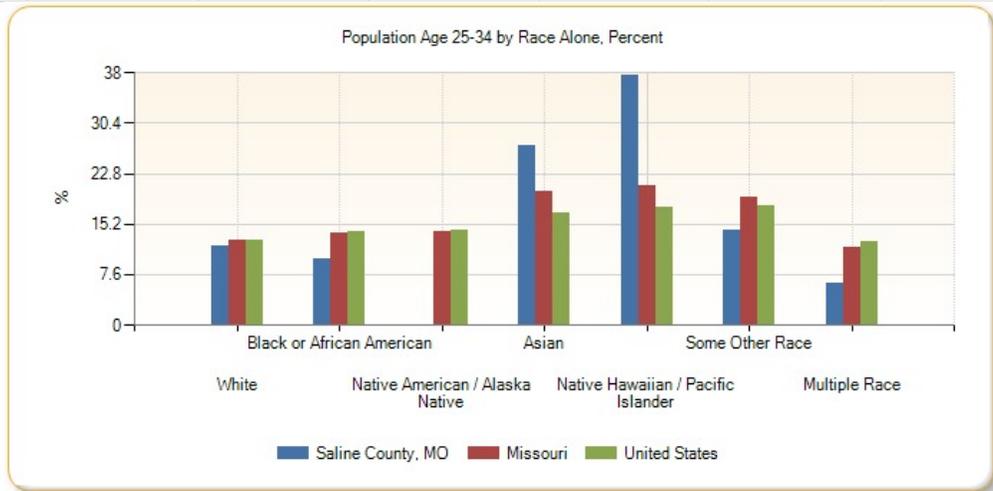
Population Age 25-34 by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	320	2,454	15.13%	11.55%
Missouri	39,471	753,089	17.44%	12.98%
United States	8,649,852	33,660,332	16.3%	12.89%



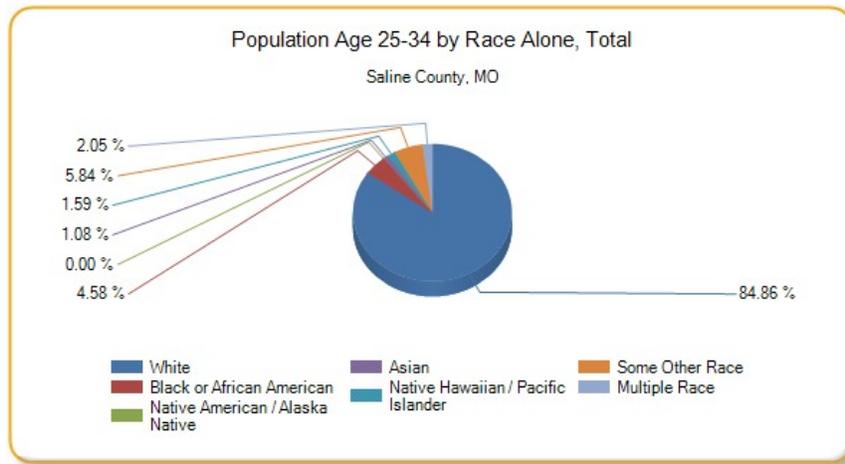
Population Age 25-34 by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	11.89%	10.01%	0%	27.03%	37.61%	14.26%	6.27%
Missouri	12.85%	13.88%	14.09%	20.06%	20.94%	19.23%	11.79%
United States	12.85%	14.17%	14.27%	16.86%	17.8%	18.01%	12.61%



Population Age 25-34 by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	2,354	127	0	30	44	162	57
Missouri	641,546	96,599	3,419	20,417	1,253	12,319	17,007
United States	29,785,484	5,606,490	366,076	2,648,756	95,376	2,657,631	1,150,367

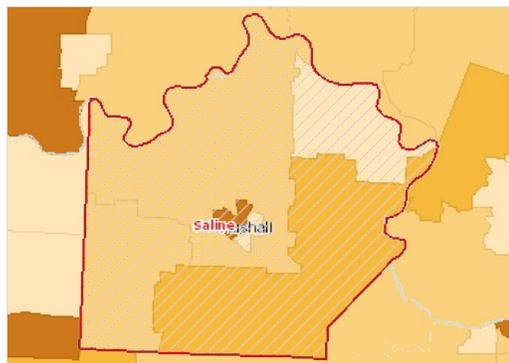


Population Age 35-44

This indicator reports the percentage of youth aged 25-34 in the designated geographic area. This indicator is relevant because it is important to understand the percentage of youth in the community, as this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 35-44	Percent Population Age 35-44
Saline County, MO	23,363	2,570	11%
Missouri	6,028,076	735,511	12.2%
United States	314,107,072	40,723,040	12.96%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

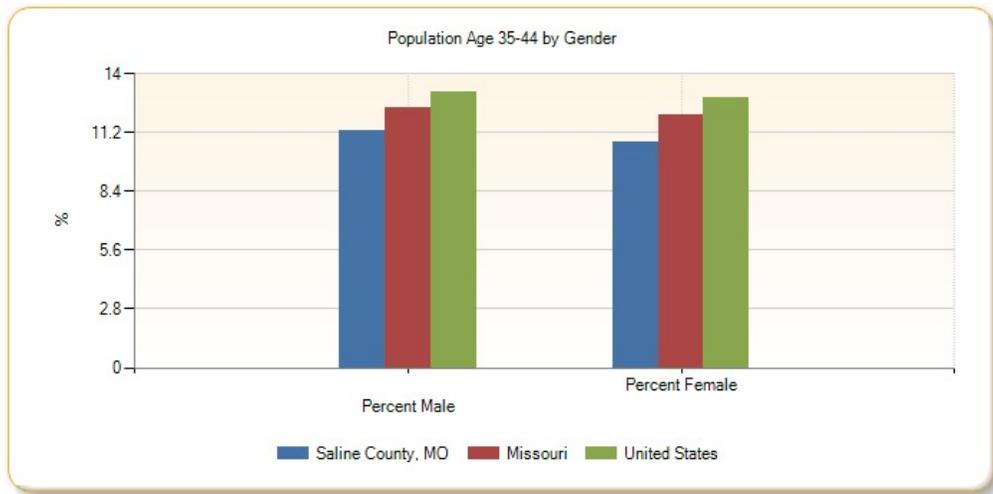


Population Age 35-44, Percent by Tract, ACS 2010-14



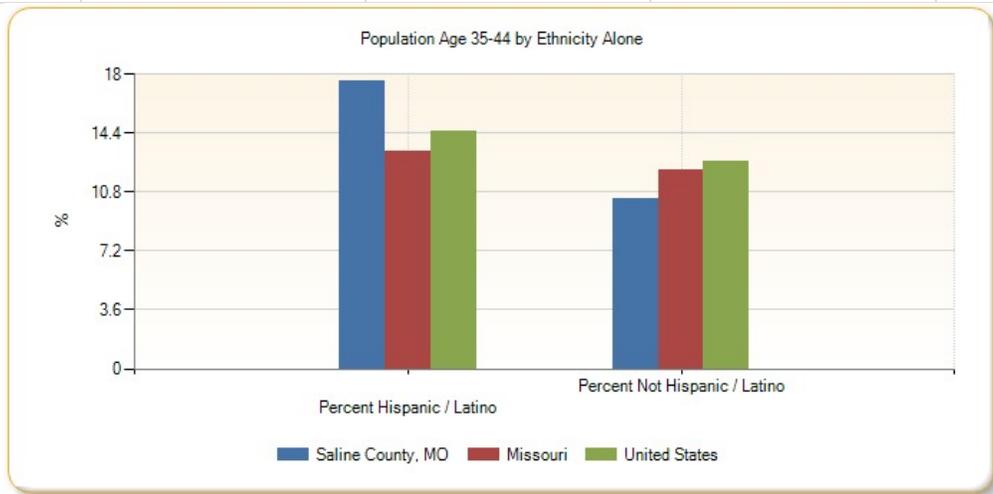
Population Age 35-44 by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	1,311	1,259	11.29%	10.72%
Missouri	365,882	369,629	12.39%	12.02%
United States	20,269,464	20,453,576	13.12%	12.82%



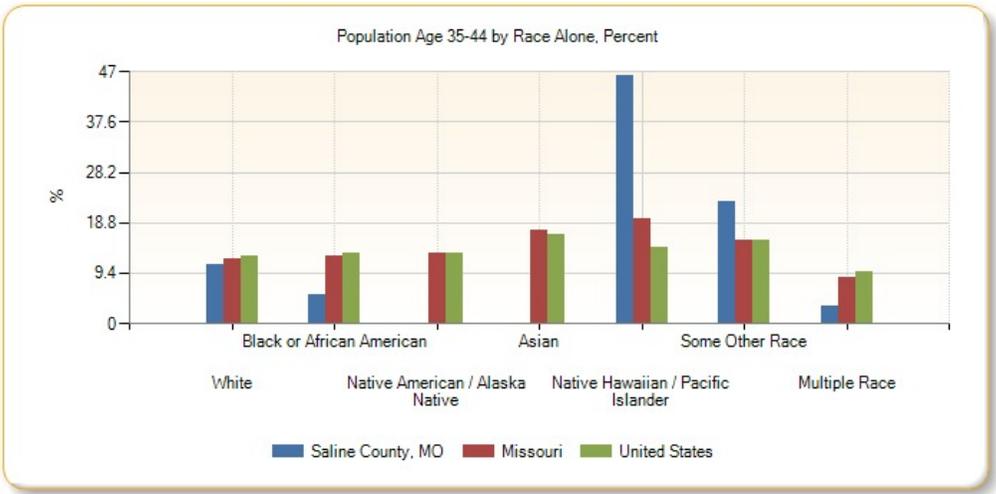
Population Age 35-44 by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	371	2,199	17.54%	10.35%
Missouri	30,028	705,483	13.26%	12.16%
United States	7,691,801	33,031,240	14.49%	12.65%



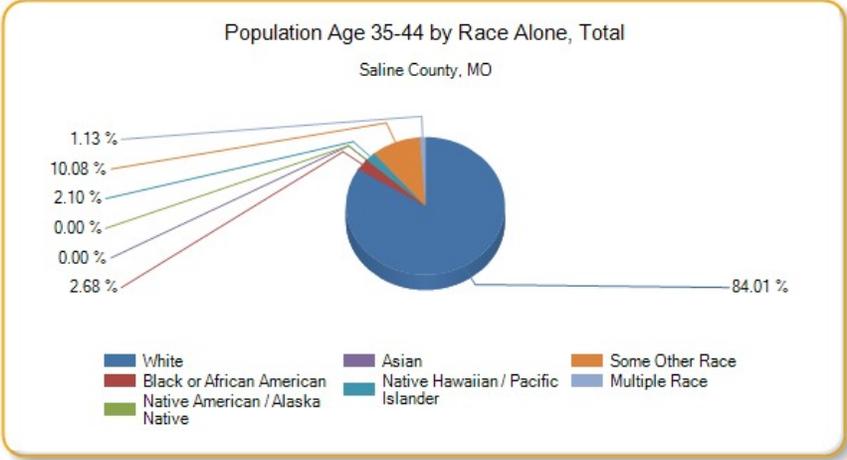
Population Age 35-44 by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	10.91%	5.44%	0%	0%	46.15%	22.8%	3.19%
Missouri	12.09%	12.56%	13.26%	17.47%	19.56%	15.47%	8.65%
United States	12.63%	13.22%	13.16%	16.66%	14.23%	15.6%	9.59%



Population Age 35-44 by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	2,159	69	0	0	54	259	29
Missouri	603,544	87,413	3,219	17,776	1,170	9,911	12,478
United States	29,283,680	5,231,548	337,675	2,617,063	76,213	2,302,149	874,713

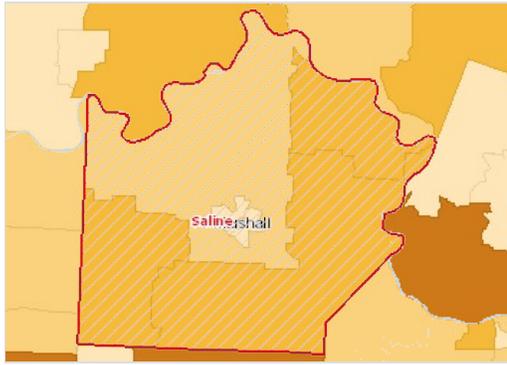


Population Age 45-54

This indicator reports the percentage of youth aged 45-54 in the designated geographic area. This indicator is relevant because it is important to understand the percentage of youth in the community, as this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 45-54	Percent Population Age 45-54
Saline County, MO	23,363	3,172	13.58%
Missouri	6,028,076	854,632	14.18%
United States	314,107,072	44,248,184	14.09%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

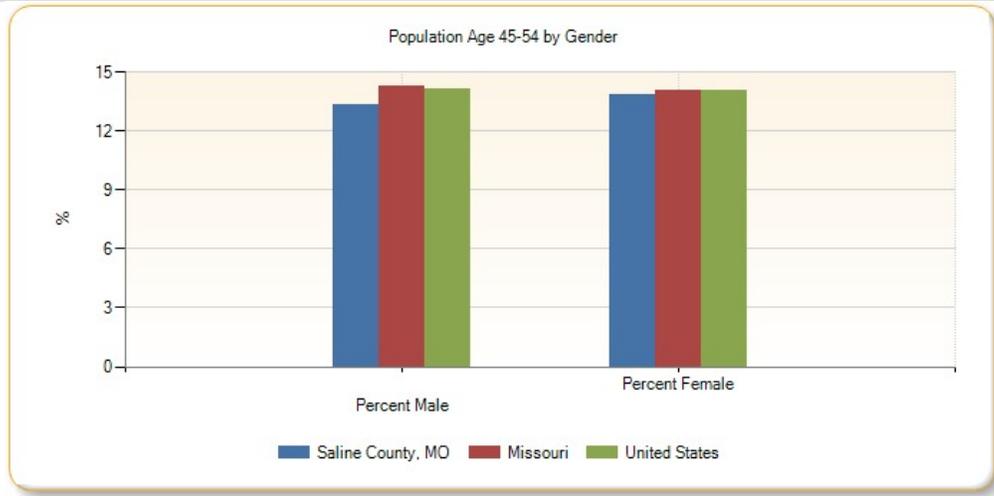


Population Age 45-54, Percent by Tract, ACS 2010-14



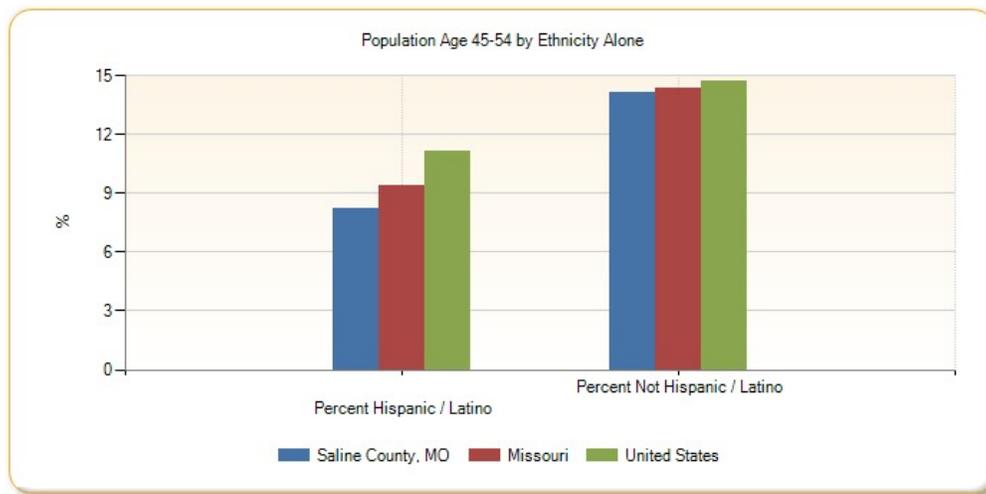
Population Age 45-54 by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	1,550	1,622	13.34%	13.81%
Missouri	421,472	433,160	14.27%	14.09%
United States	21,787,084	22,461,100	14.1%	14.07%



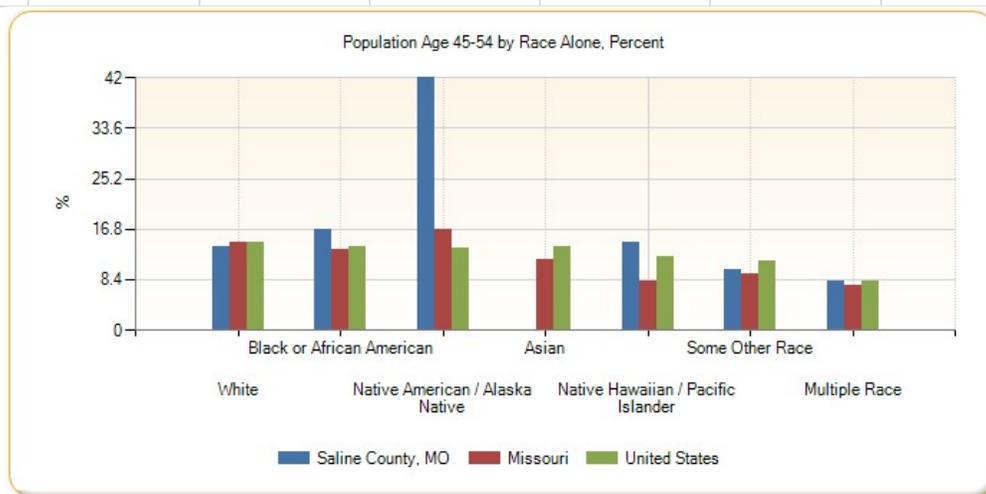
Population Age 45-54 by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	174	2,998	8.23%	14.11%
Missouri	21,280	833,352	9.4%	14.36%
United States	5,913,528	38,334,656	11.14%	14.69%



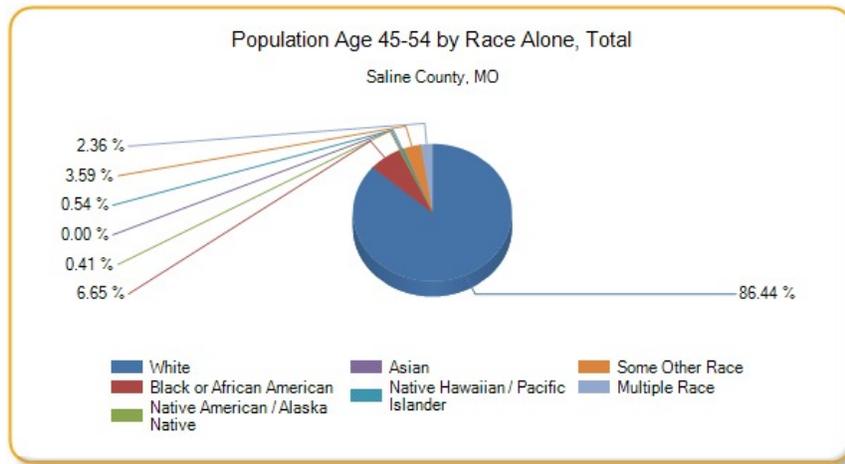
Population Age 45-54 by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	13.86%	16.63%	41.94%	0%	14.53%	10.04%	8.25%
Missouri	14.57%	13.47%	16.72%	11.76%	8.16%	9.46%	7.51%
United States	14.56%	13.82%	13.69%	13.87%	12.28%	11.43%	8.06%



Population Age 45-54 by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	2,742	211	13	0	17	114	75
Missouri	727,467	93,756	4,057	11,971	488	6,060	10,833
United States	33,764,004	5,466,422	351,123	2,178,418	65,772	1,686,787	735,659



Population Age 55-64

This indicator reports the percentage of youth aged 45-54 in the designated geographic area. This indicator is relevant because it is important to understand the percentage of youth in the community, as this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 55-64	Percent Population Age 55-64
Saline County, MO	23,363	2,924	12.52%
Missouri	6,028,076	763,675	12.67%
United States	314,107,072	38,596,760	12.29%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

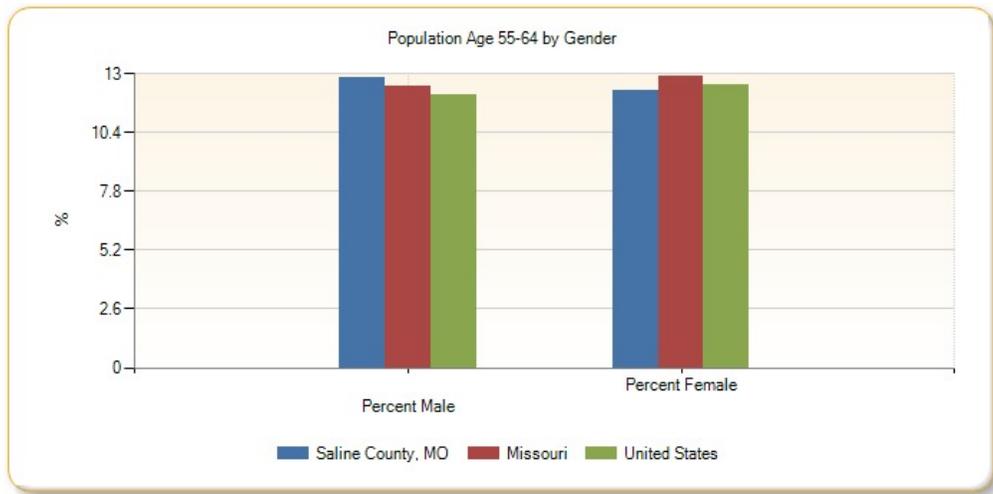


Population Age 55-64, Percent by Tract, ACS 2010-14

- Over 15.0%
- 13.1 - 15.0%
- 11.1 - 13.0%
- Under 11.1%
- No Data or Data Suppressed
- Report Area

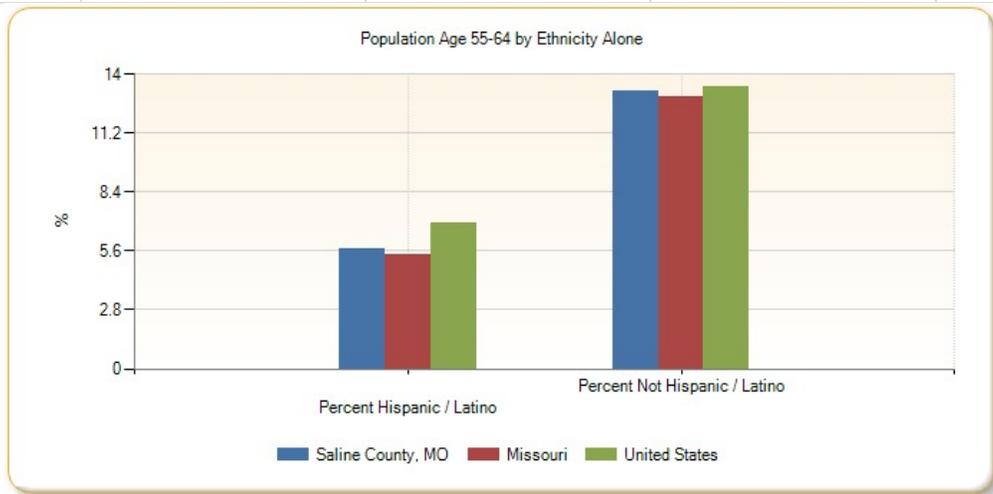
Population Age 55-64 by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	1,486	1,438	12.79%	12.24%
Missouri	367,770	395,905	12.45%	12.88%
United States	18,603,324	19,993,436	12.04%	12.53%



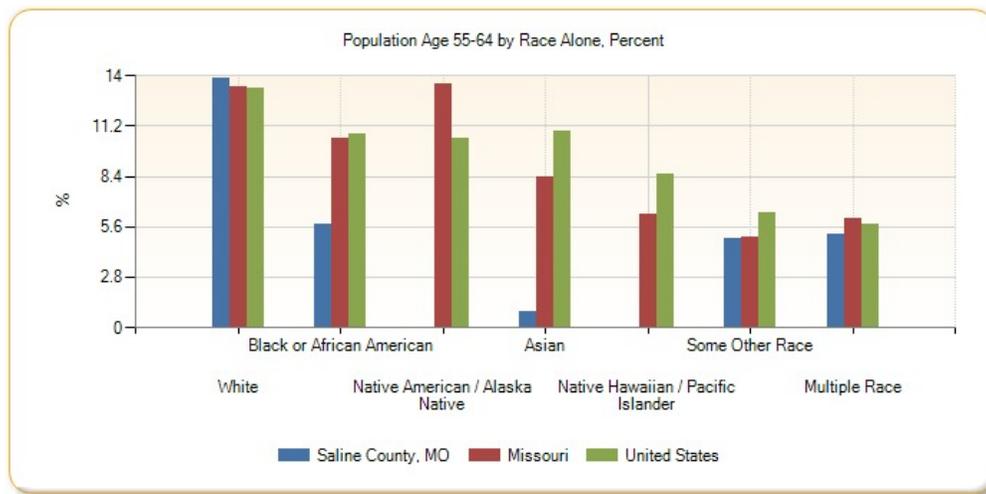
Population Age 55-64 by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	120	2,804	5.67%	13.2%
Missouri	12,344	751,331	5.45%	12.95%
United States	3,659,927	34,936,832	6.9%	13.38%



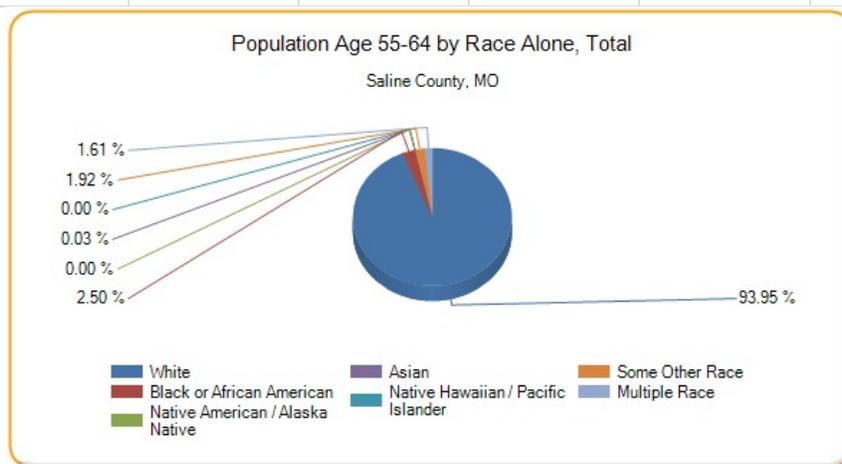
Population Age 55-64 by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	13.88%	5.75%	0%	0.9%	0%	4.93%	5.17%
Missouri	13.34%	10.55%	13.53%	8.39%	6.3%	5.03%	6.09%
United States	13.3%	10.76%	10.53%	10.93%	8.54%	6.39%	5.71%



Population Age 55-64 by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	2,747	73	0	1	0	56	47
Missouri	666,044	73,425	3,284	8,540	377	3,221	8,784
United States	30,841,076	4,258,205	270,101	1,717,447	45,737	943,389	520,806

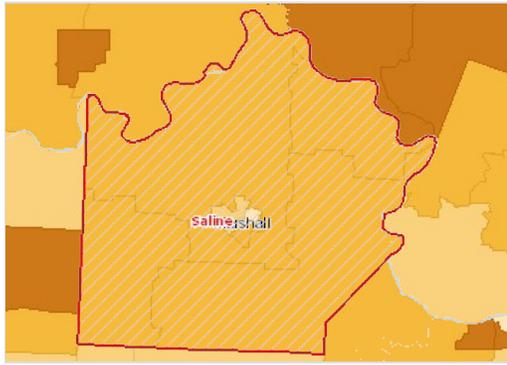


Population Age 65

An estimated 16.33% percent of the population in the report area is age 65 or older according to the U.S. Census Bureau American Community Survey 2010-14 5-year estimates. An estimated total of 3,816 older adults resided in the area during this time period. The number of persons age 65 or older is relevant because this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 65	Percent Population Age 65
Saline County, MO	23,363	3,816	16.33%
Missouri	6,028,076	882,552	14.64%
United States	314,107,072	43,177,960	13.75%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

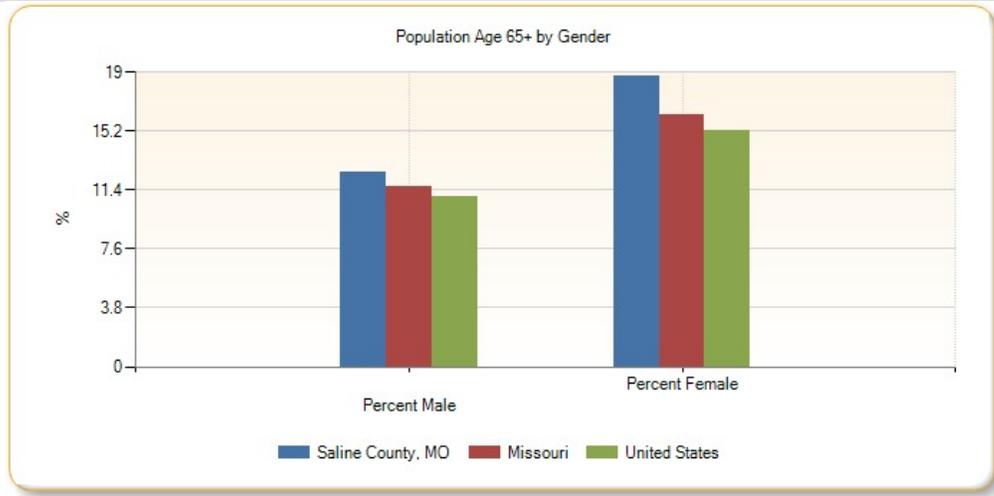


Population Age 65 , Percent by Tract, ACS 2010-14



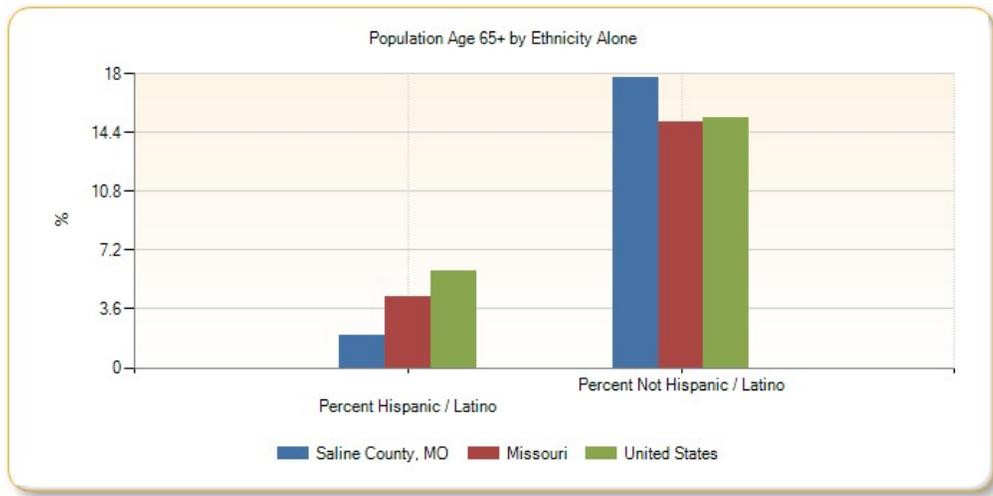
Population Age 65 by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	1,459	2,206	12.56%	18.78%
Missouri	344,254	499,099	11.65%	16.23%
United States	16,888,374	24,352,764	10.93%	15.26%



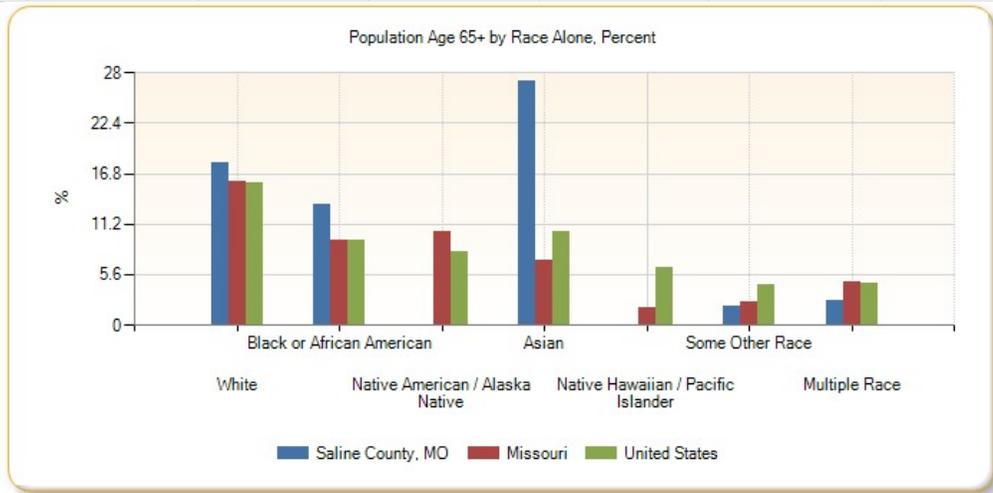
Population Age 65 by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	41	3,775	1.94%	17.77%
Missouri	9,726	872,826	4.3%	15.04%
United States	3,162,996	40,014,964	5.96%	15.33%



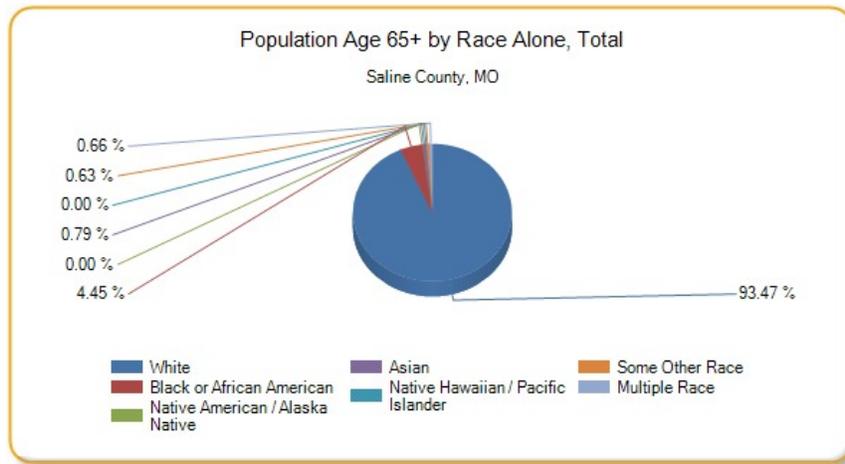
Population Age 65 by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	18.02%	13.4%	0%	27.03%	0%	2.11%	2.75%
Missouri	15.99%	9.44%	10.37%	7.21%	1.91%	2.62%	4.76%
United States	15.74%	9.45%	8.16%	10.35%	6.45%	4.42%	4.71%



Population Age 65 by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	3,567	170	0	30	0	24	25
Missouri	798,369	65,671	2,517	7,333	114	1,677	6,871
United States	36,488,472	3,737,682	209,277	1,625,648	34,534	652,440	429,907



Population with Any Disability

This indicator reports the percentage of the total civilian non-institutionalized population with a 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)	Total Population with a Disability	Percent Population with a Disability
Saline County, MO	22,886	4,023	17.58%
Missouri	5,914,681	835,980	14.13%
United States	309,082,272	37,874,568	12.25%

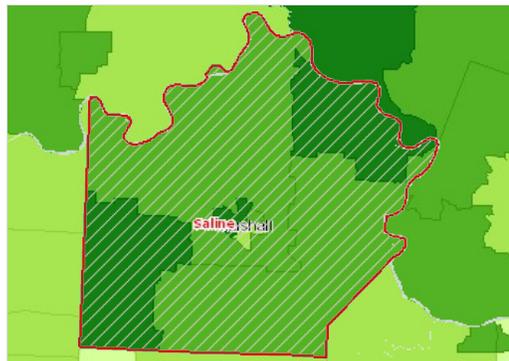
Percent Population with a Disability



■ Saline County, MO (17.58%)
■ Missouri (14.13%)
■ United States (12.25%)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

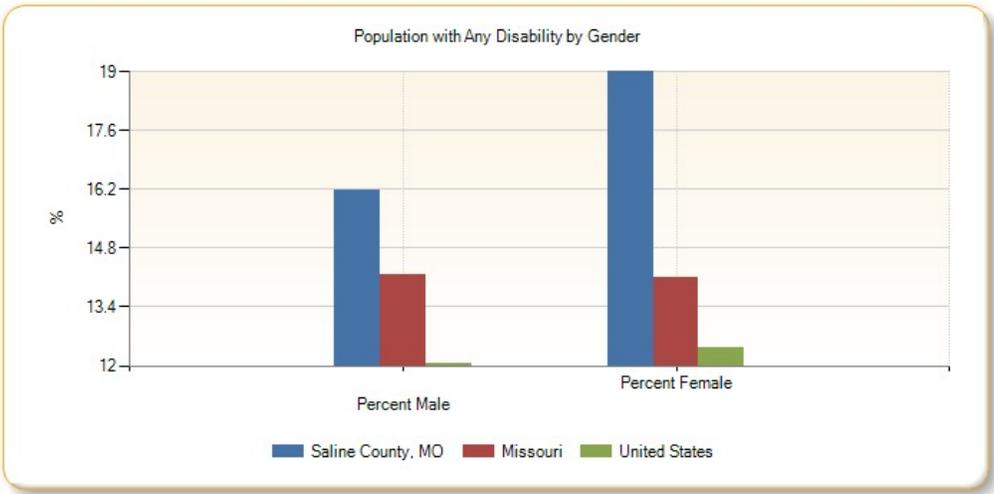


Disabled Population, Percent by Tract, ACS 2010-14

- Over 18.0%
- 15.1 - 18.0%
- 12.1 - 15.0%
- Under 12.1%
- No Data or Data Suppressed
- Report Area

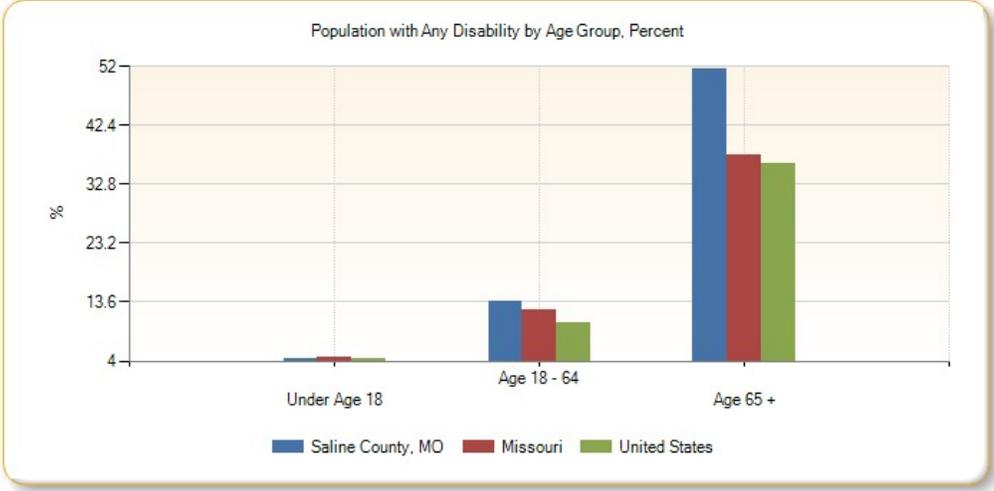
Population with Any Disability by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	1,848	2,175	16.17%	18.99%
Missouri	408,246	427,734	14.18%	14.09%
United States	18,192,086	19,682,484	12.06%	12.44%



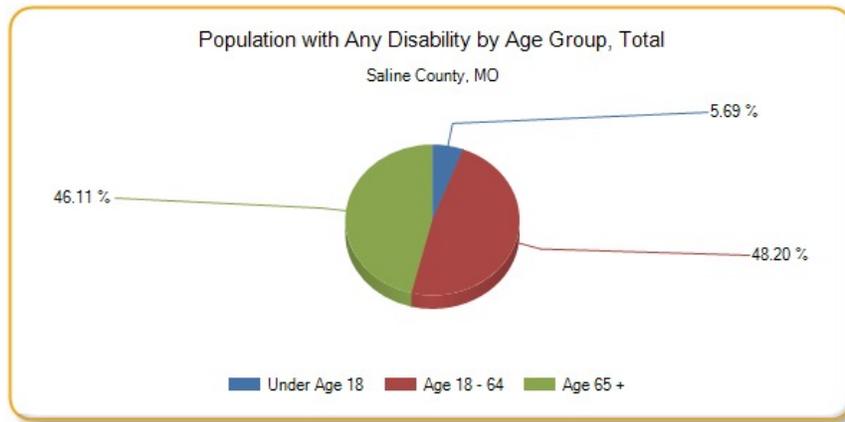
Population with Any Disability by Age Group, Percent

Report Area	Under Age 18	Age 18 - 64	Age 65
Saline County, MO	4.4%	13.77%	51.53%
Missouri	4.58%	12.38%	37.62%
United States	4.06%	10.18%	36.25%



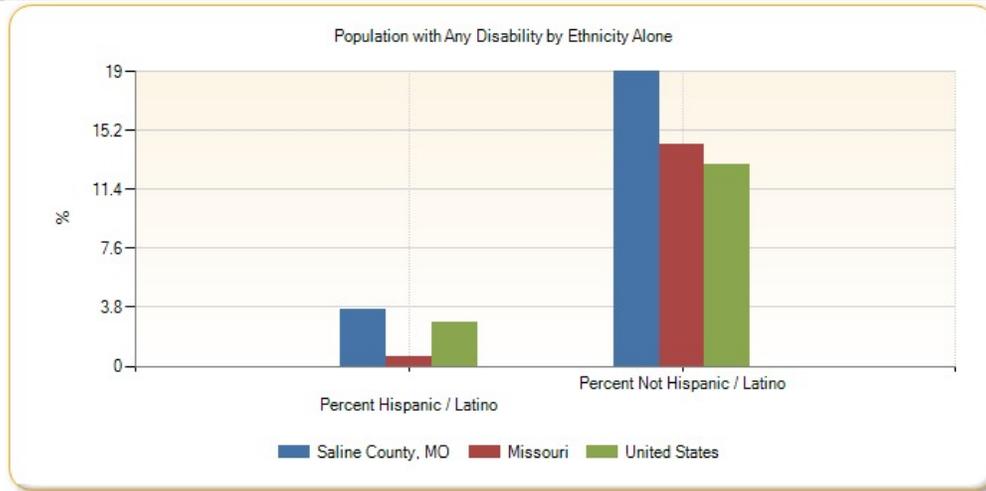
Population with Any Disability by Age Group, Total

Report Area	Under Age 18	Age 18 - 64	Age 65
Saline County, MO	229	1,939	1,855
Missouri	64,216	454,126	317,638
United States	2,991,373	19,703,060	15,180,137



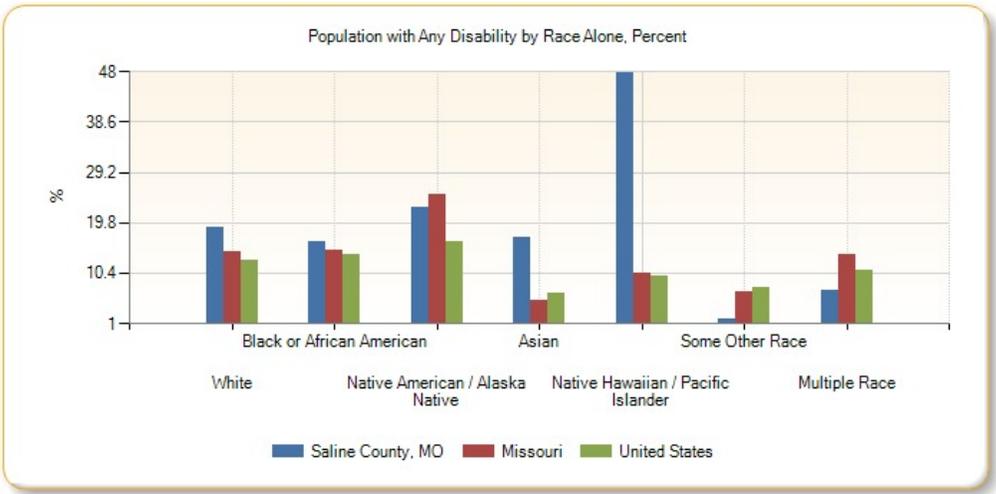
Population with Any Disability by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	78	3,945	3.7%	18.99%
Missouri	19,301	816,679	0.64%	14.34%
United States	4,466,899	33,407,668	2.82%	13.01%



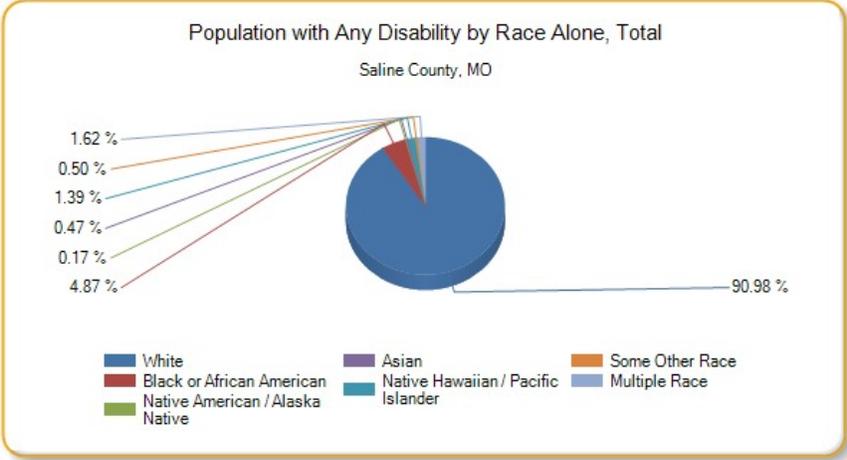
Population with Any Disability by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	18.87%	16.35%	22.58%	17.12%	47.86%	1.76%	7.25%
Missouri	14.28%	14.79%	25.12%	5.23%	10.41%	6.81%	13.82%
United States	12.67%	13.83%	16.32%	6.59%	9.89%	7.78%	10.96%



Population with Any Disability by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	3,660	196	7	19	56	20	65
Missouri	701,321	99,116	5,883	5,294	598	4,278	19,490
United States	28,975,110	5,294,368	408,497	1,029,256	51,695	1,132,429	983,216



Population in Limited English Households

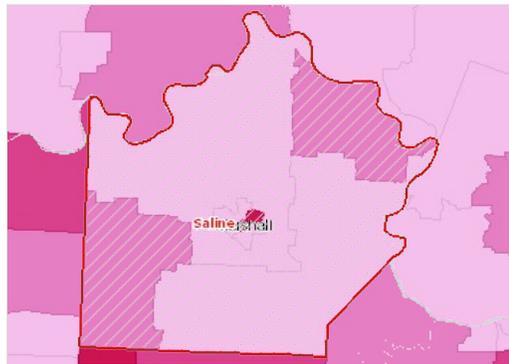
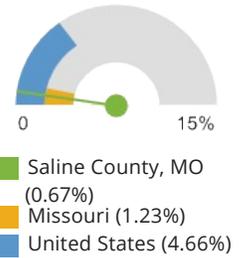
This indicator reports the percentage of the population aged 5 and older living in Limited English speaking households. A “Limited English speaking household” is one in which no member 14 years old and over (1) speaks only English at home or (2) speaks a language other than English at home and speaks English “Very well.” 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	Percent Linguistically Isolated Population
Saline County, MO	21,951	148	0.67%
Missouri	5,648,803	69,222	1.23%
United States	294,133,376	13,692,809	4.66%

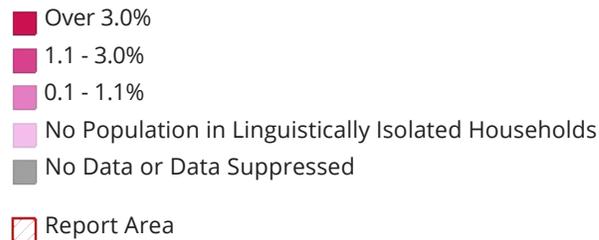
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

Percent Linguistically Isolated Population



Population in Linguistically Isolated Households, Percent by Tract, ACS 2010-14



Population with Limited English Proficiency

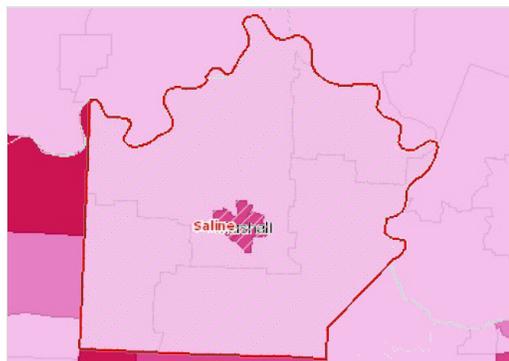
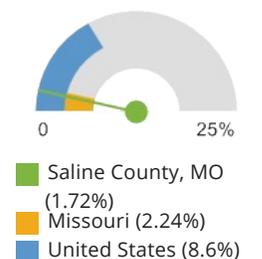
This indicator reports the percentage of the population aged 5 and older who speak a language other than English at home and speak English less than "very well." This indicator is relevant because an inability to speak English well creates barriers to healthcare access, provider communications, and health literacy/education.

Report Area	Total Population	Population Age 5	Population Age 5 with Limited English Proficiency	Percent Population Age 5 with Limited English Proficiency
Saline County, MO	21,951	21,951	377	1.72%
Missouri	5,648,803	5,648,803	126,737	2.24%
United States	294,133,376	294,133,388	25,305,204	8.6%

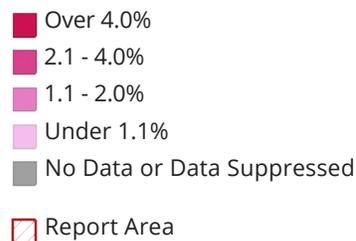
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

Percent Population Age 5 with Limited English Proficiency

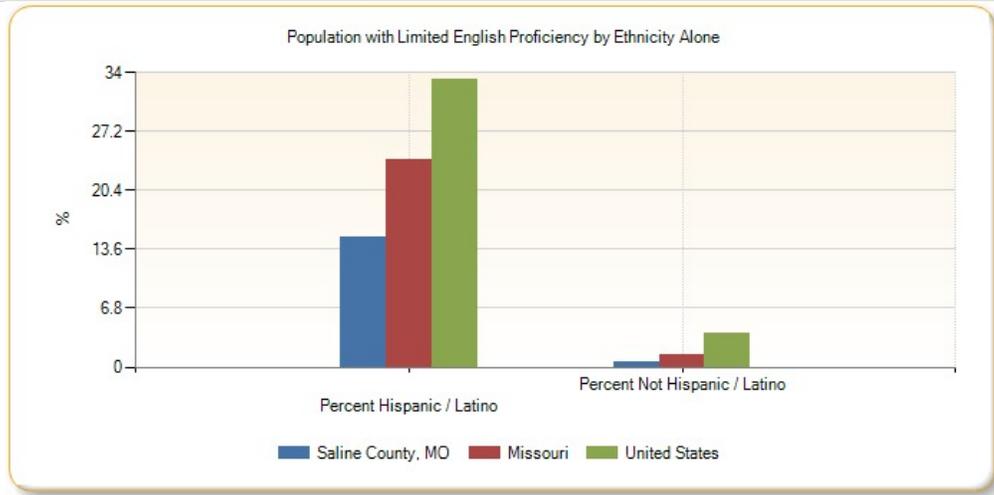


Population with Limited English Proficiency, Percent by Tract, ACS 2010-14



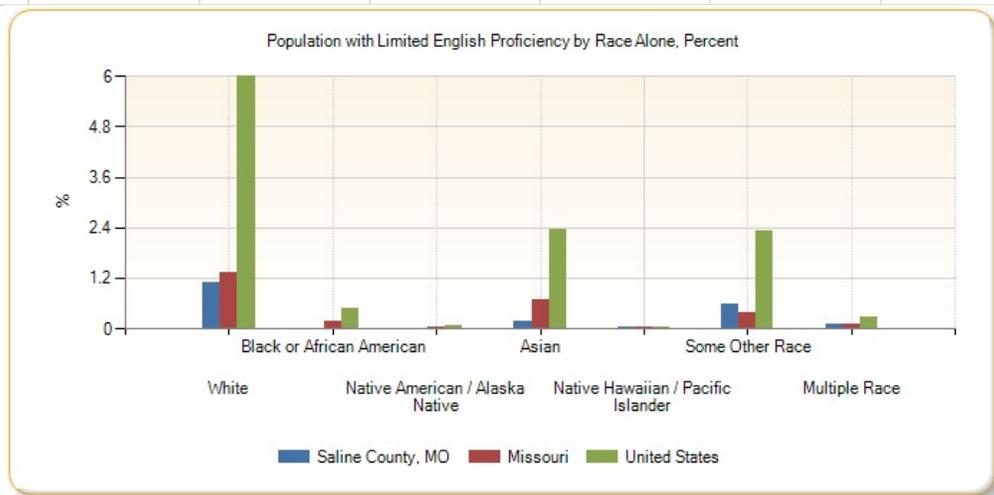
Population with Limited English Proficiency by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	275	102	14.97%	0.51%
Missouri	47,764	78,973	23.87%	1.45%
United States	15,881,488	9,423,716	33.12%	3.83%



Population with Limited English Proficiency by Race Alone, Percent

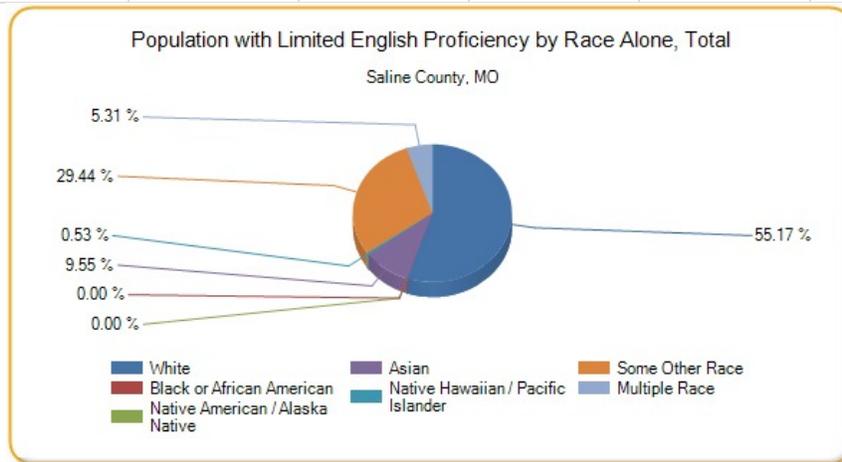
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	1.11%	0%	0%	0.19%	0.01%	0.59%	0.11%
Missouri	1.33%	0.18%	0.01%	0.69%	0.02%	0.37%	0.11%
United States	5.99%	0.49%	0.08%	2.37%	0.03%	2.34%	0.27%



Population with Limited English Proficiency by Race Alone, Total

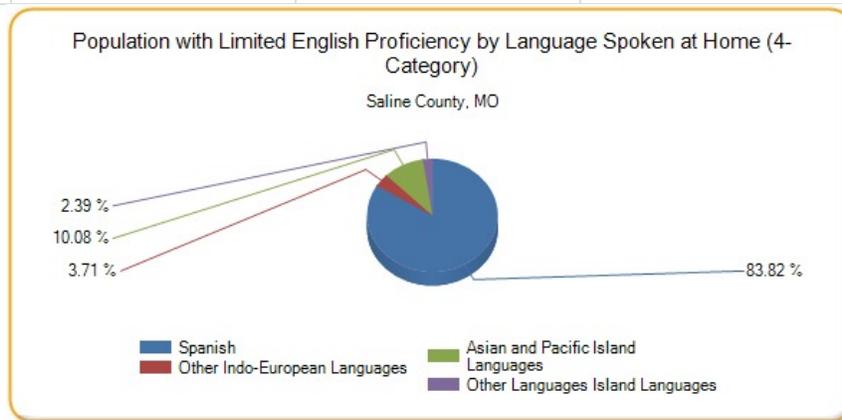
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
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Saline County, MO	208	0	0	36	2	111	20
Missouri	62,313	8,340	372	32,381	891	17,389	5,051
United States	13,086,149	1,070,530	179,889	5,189,860	67,519	5,120,391	590,864



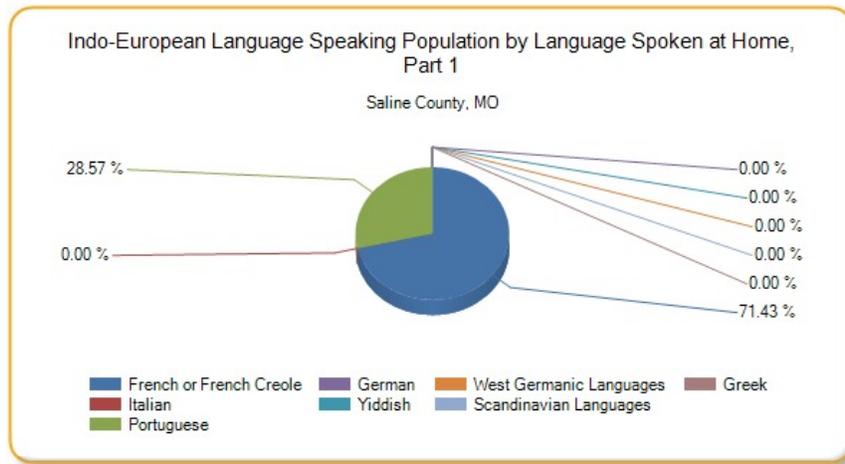
Population with Limited English Proficiency by Language Spoken at Home (4-Category)

Report Area	Spanish	Other Indo-European Languages	Asian and Pacific Island Languages	Other Languages Island Languages
Saline County, MO	316	14	38	9
Missouri	54,023	31,633	31,506	9,575
United States	16,346,401	3,436,072	4,673,798	848,931



Indo-European Language Speaking Population by Language Spoken at Home, Part 1

Report Area	French or French Creole	Italian	Portuguese	German	Yiddish	West Germanic Languages	Scandinavian Languages	Greek
Saline County, MO	10	0	4	0	0	0	0	0
Missouri	3,048	735	938	44	37	2,632	61	337
United States	589,942	184,486	260,335	108,006	55,919	74,335	13,493	74,455

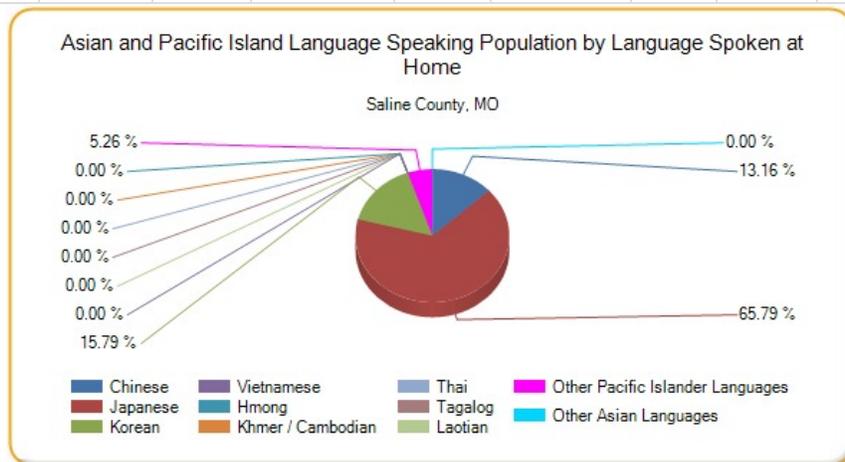


Indo-European Language Speaking Population by Language Spoken at Home, Part 2

Report Area	Russian	Polish	Serbo-Croatian	Other Slavic Languages	Armenian	Persian	Gujarati	Hindi	Urdu	Other Indic Languages	All Other Indo-European Languages
Saline County, MO	0	0	0	0	0	0	0	0	0	0	0
Missouri	3,831	439	6,441	645	5,476	1,094	672	534	888	1,979	1,802
United States	414,793	229,514	101,645	121,952	166,129	148,184	133,147	139,877	123,284	336,486	160,090

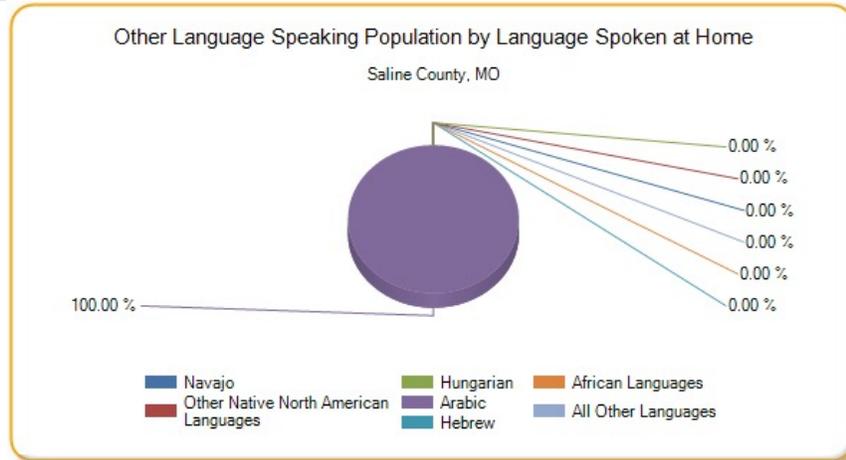
Asian and Pacific Island Language Speaking Population by Language Spoken at Home

Report Area	Chinese	Japanese	Korean	Vietnamese	Hmong	Khmer / Cambodian	Thai	Tagalog	Laotian	Other Pacific Islander Languages	Other Asian Languages
Saline County, MO	5	25	6	0	0	0	0	0	0	2	0
Missouri	10,426	885	4,183	7,399	566	721	466	2,067	592	1,285	2,916
United States	1,659,508	191,272	620,149	850,087	94,149	112,296	81,842	525,392	74,861	164,402	299,840



Other Language Speaking Population by Language Spoken at Home

Report Area	Navajo	Other Native North American Languages	Hungarian	Arabic	Hebrew	African Languages	All Other Languages
Saline County, MO	0	0	0	9	0	0	0
Missouri	14	23	374	4,383	115	4,618	48
United States	33,822	29,067	24,885	366,927	34,362	298,367	61,501



Population Geographic Mobility

This indicator reports information about population in-migration by assessing changes in residence within a one year period. Of the 23,074 persons residing in the report area, an estimated 7.14% 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
Saline County, MO	23,074	1,647	7.14%
Missouri	5,955,833	426,299	7.16%
United States	310,385,248	18,809,316	6.06%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract



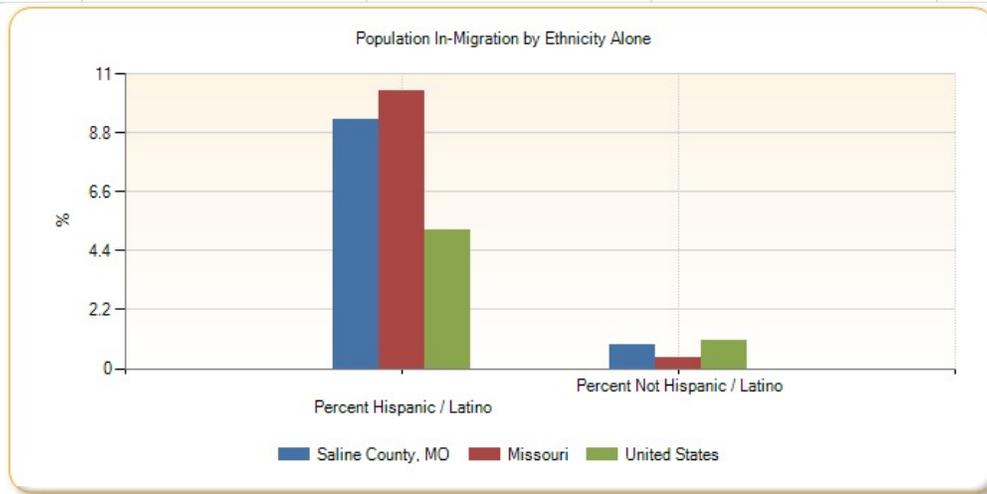
Population Migrated from Outside of the County, State, or Country, Percent of Total Population by Tract, ACS 2010-14



Population In-Migration by Ethnicity Alone

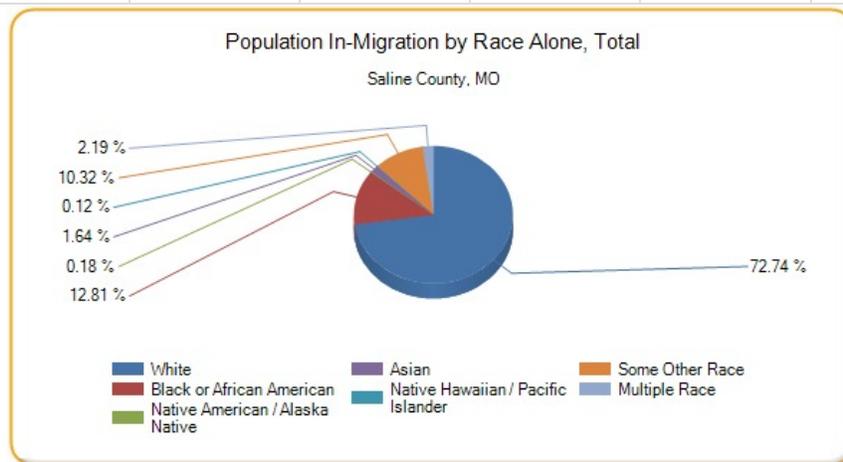
Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
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Saline County, MO	190	1,457	9.32%	0.9%
Missouri	22,939	403,360	10.36%	0.4%
United States	2,701,070	16,108,246	5.18%	1.05%



Population In-Migration by Race Alone, Total

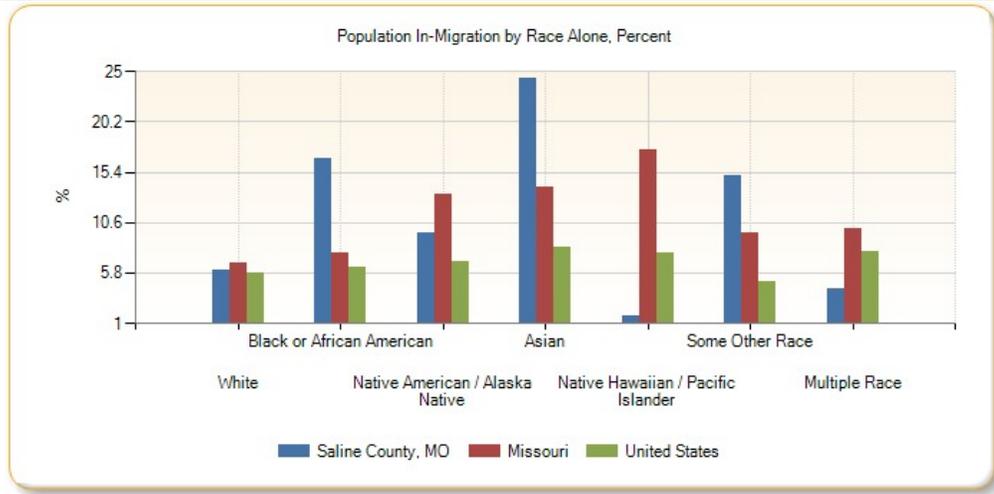
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	1,198	211	3	27	2	170	36
Missouri	335,007	52,968	3,198	14,024	1,037	6,035	14,030
United States	13,400,088	2,479,188	172,722	1,293,133	40,567	730,651	692,968



Population In-Migration by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	6.12%	16.73%	9.68%	24.32%	1.71%	15.04%	4.28%
Missouri	6.78%	7.73%	13.33%	13.93%	17.53%	9.67%	10.07%

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
United States	5.84%	6.35%	6.83%	8.32%	7.68%	5.03%	7.83%

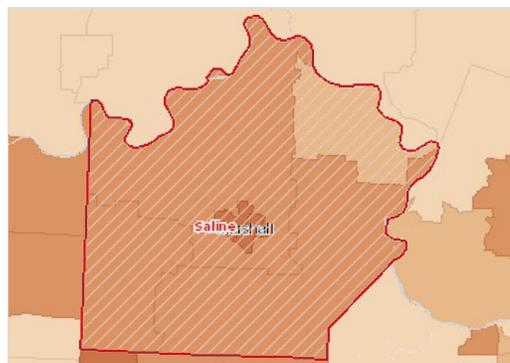


Foreign-Born Population

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 1,361 persons in the report area are of foreign birth, which represents 5.83% of the report area population. This percentage is less than the national rate of 12.95%.

Report Area	Total Population	Naturalized U.S. Citizens	Population Without U.S. Citizenship	Total Foreign-Birth Population	Foreign-Birth Population, Percent of Total Population
Saline County, MO	23,363	526	835	1,361	5.83%
Missouri	6,028,076	103,033	132,962	235,995	3.91%
United States	314,107,072	18,800,048	22,256,836	41,056,884	13.07%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract



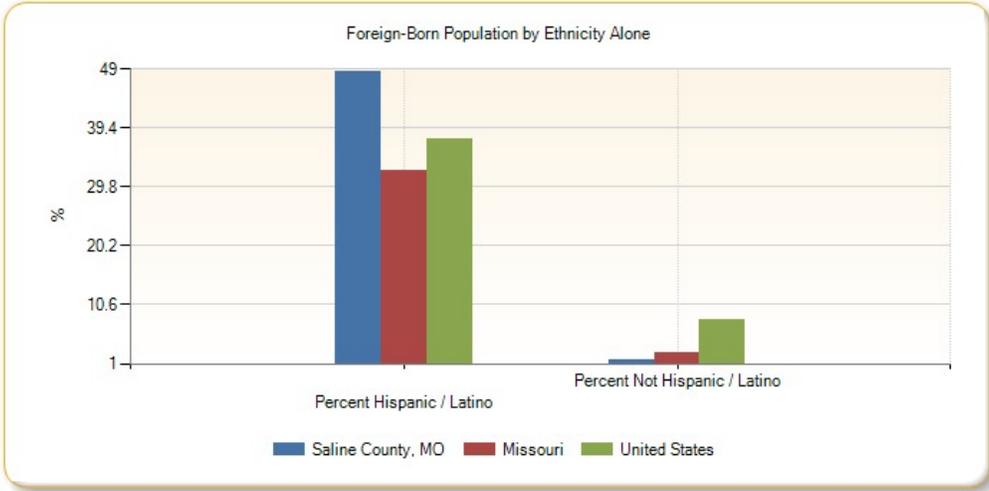
Foreign-Born Population (Non-Citizen or Naturalized), Percent by Tract, ACS 2010-14

- Over 5.0%
- 2.1 - 5.0%
- 1.1 - 2.0%
- Under 1.1%
- No Data or Data Suppressed
- Report Area

Foreign-Born Population by Ethnicity Alone

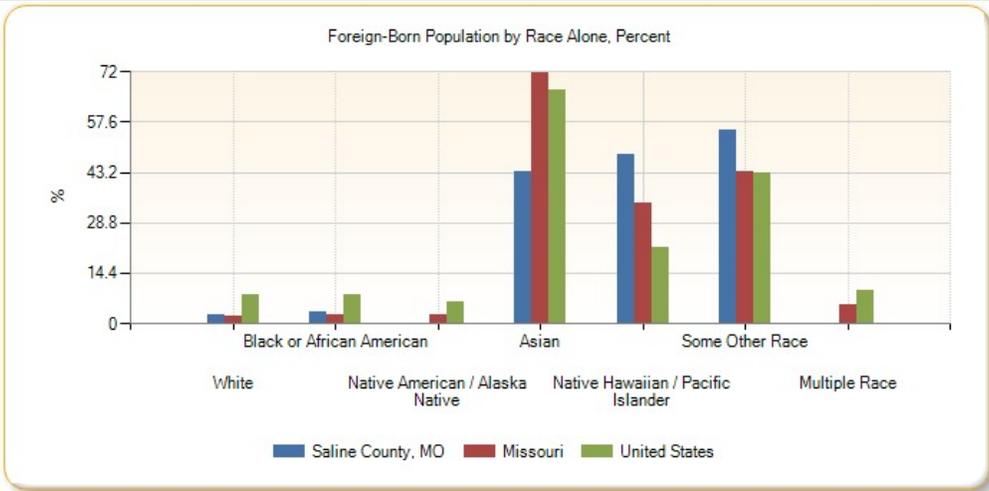
Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
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Saline County, MO	908	347	48.69%	1.63%
Missouri	67,178	160,417	32.49%	2.79%
United States	18,444,116	20,824,724	37.48%	8.09%



Foreign-Born Population by Race Alone, Percent

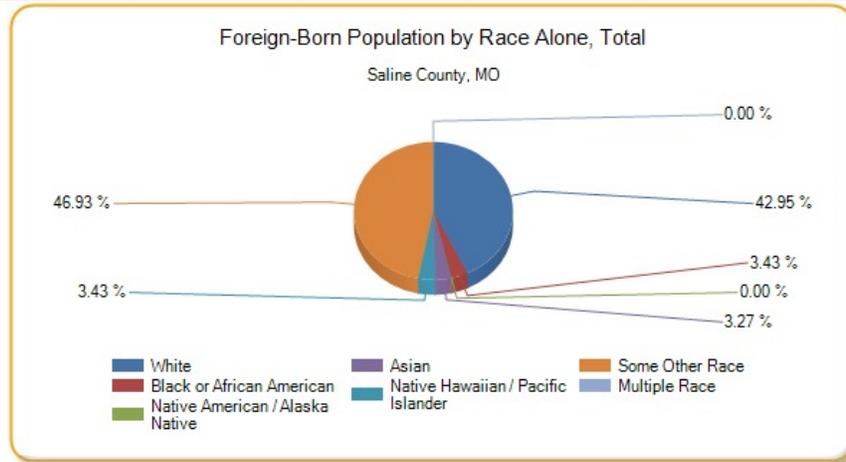
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	2.68%	3.24%	0%	43.62%	48.31%	55.31%	0%
Missouri	2.17%	2.49%	2.51%	71.72%	34.34%	43.24%	5.23%
United States	8.21%	8.34%	6.19%	66.62%	21.65%	42.91%	9.56%



Foreign-Born Population by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	539	43	0	41	43	589	0
Missouri	107,783	17,095	565	67,156	1,966	26,219	6,811

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
United States	18,650,570	3,203,416	155,034	9,657,447	108,355	6,747,032	746,984

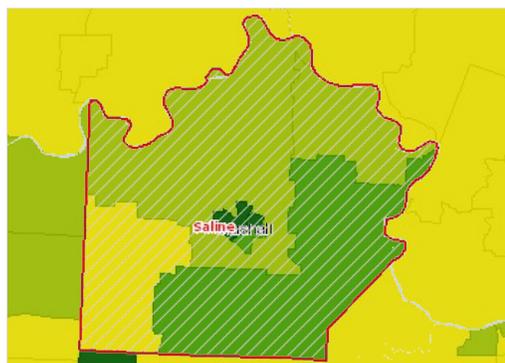


Hispanic Population

The estimated population that is of Hispanic, Latino, or Spanish origin in the report area is 2,115. This represents 9.05% of the total report area population, which is less than the national 16.62% rate. 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
Saline County, MO	23,363	21,248	90.95%	2,115	9.05%
Missouri	6,028,076	5,801,688	96.24%	226,388	3.76%
United States	314,107,072	261,036,992	83.1%	53,070,096	16.9%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

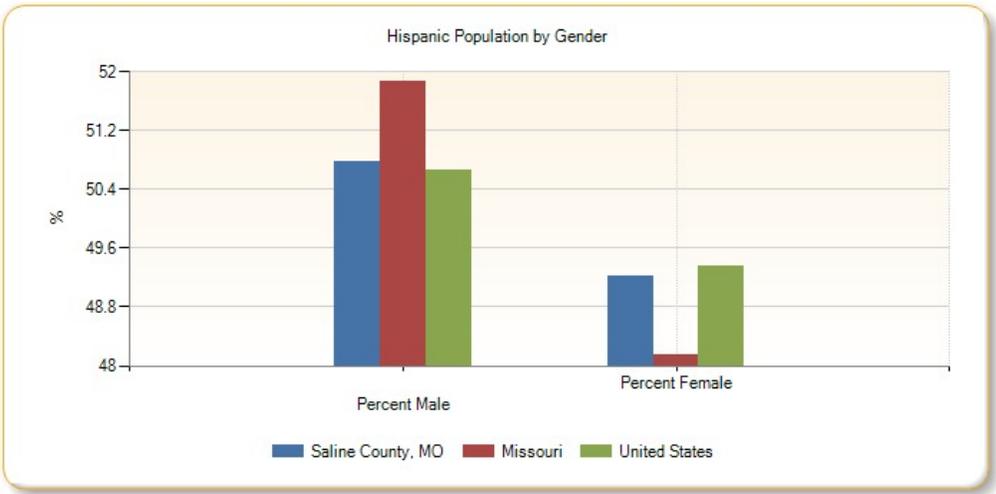


Population, Hispanic or Latino, Percent by Tract, ACS 2010-14

- Over 10.0%
- 5.1 - 10.0%
- 2.1 - 5.0%
- Under 2.1%
- No Hispanic Population Reported
- No Data or Data Suppressed
- Report Area

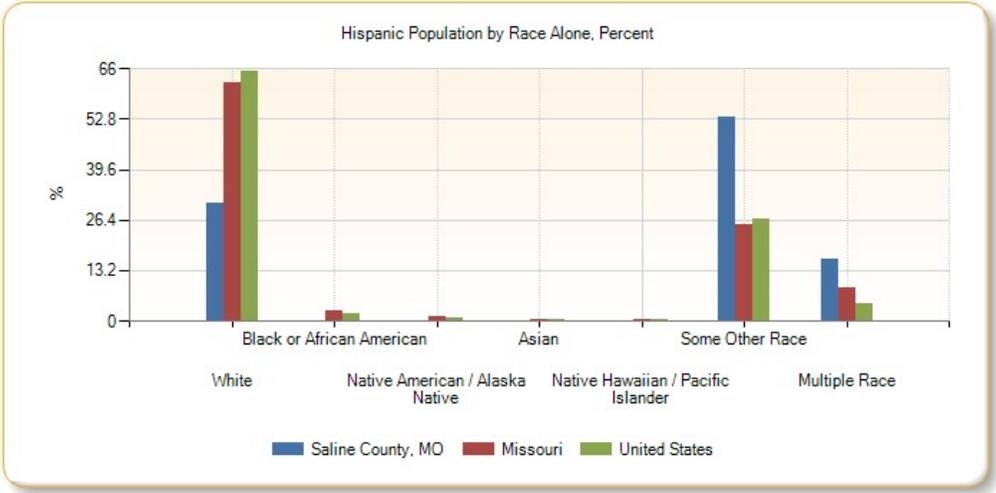
Hispanic Population by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	1,074	1,041	50.78%	49.22%
Missouri	117,401	108,987	51.86%	48.14%
United States	26,877,496	26,192,600	50.65%	49.35%



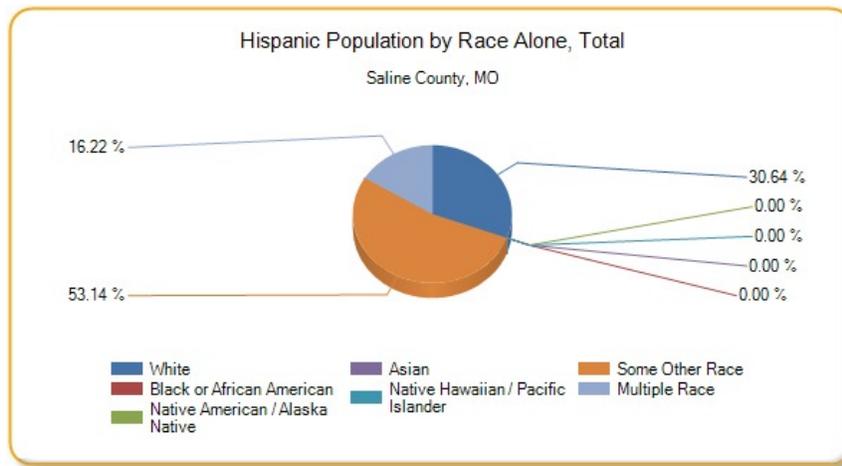
Hispanic Population by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	30.64%	0%	0%	0%	0%	53.14%	16.22%
Missouri	62.13%	2.52%	1.14%	0.51%	0.07%	25.02%	8.62%
United States	65.37%	2.08%	0.91%	0.33%	0.08%	26.65%	4.58%



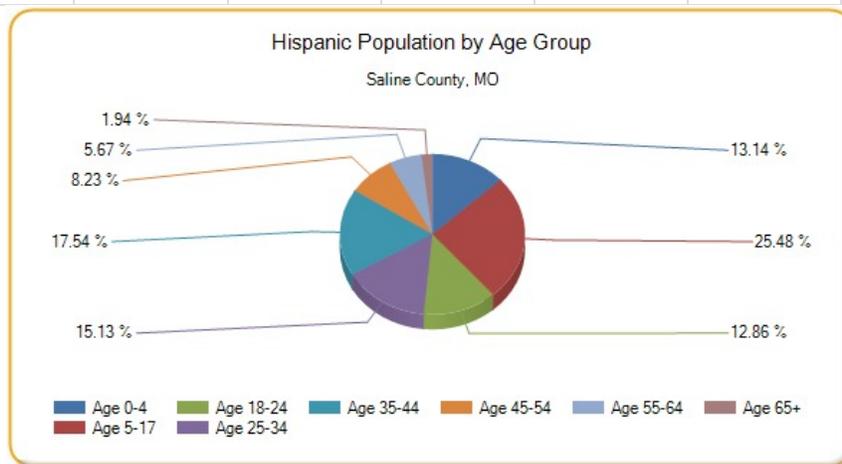
Hispanic Population by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	648	0	0	0	0	1,124	343
Missouri	140,652	5,698	2,572	1,144	155	56,642	19,525
United States	34,690,220	1,104,187	482,752	174,450	42,606	14,143,014	2,432,866



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
Saline County, MO	278	539	272	320	371	174	120	41
Missouri	26,254	58,579	28,706	39,471	30,028	21,280	12,344	9,726
United States	5,125,083	12,436,576	6,430,333	8,649,852	7,691,801	5,913,528	3,659,927	3,162,996

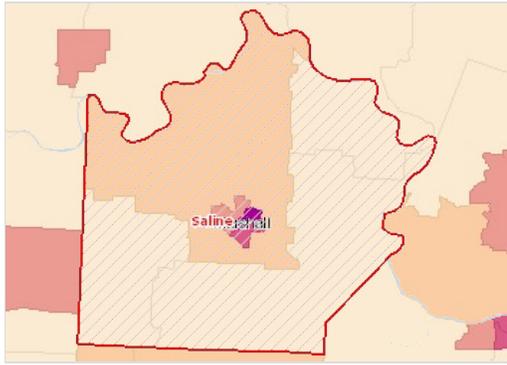


Urban and Rural Population

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.

Report Area	Total Population	Urban Population	Rural Population	Percent Urban	Percent Rural
Saline County, MO	23,370	12,665	10,705	54.19%	45.81%
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

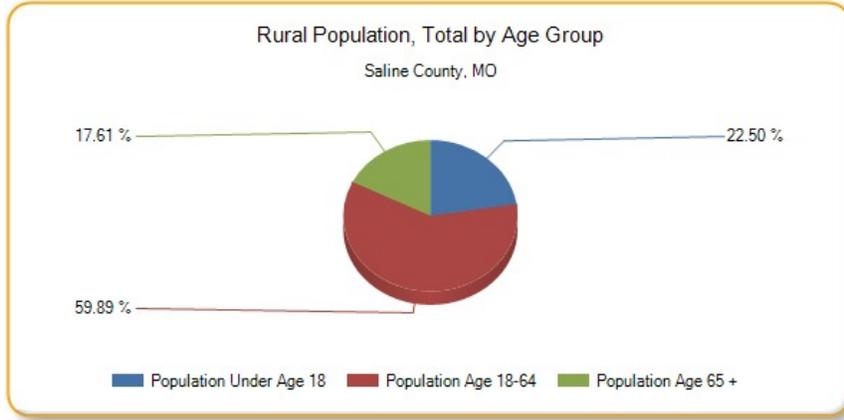


Urban Population, Percent by Tract, US Census 2010

- 100% Urban Population
- 90.1 - 99.9%
- 50.1 - 90.0%
- Under 50.1%
- No Urban Population
- No Data or Data Suppressed
- Report Area

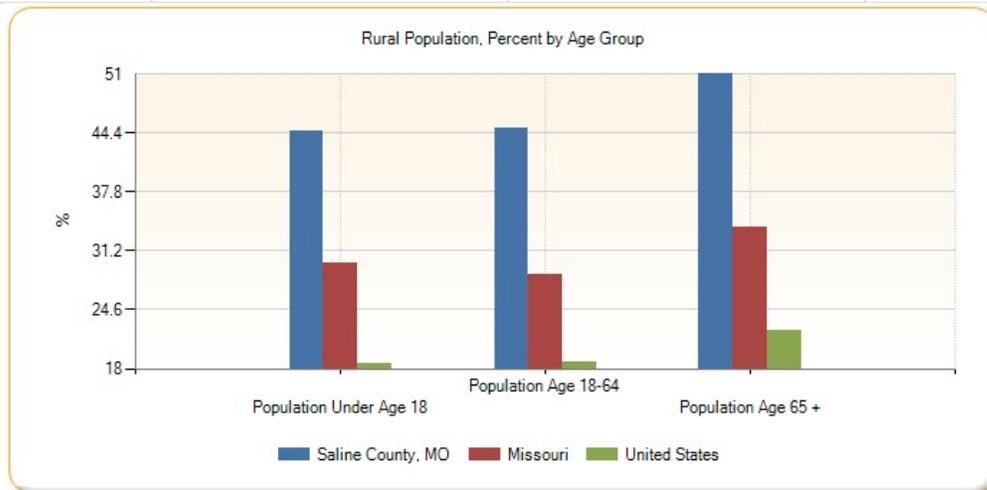
Rural Population, Total by Age Group

Report Area	Population Under Age 18	Population Age 18-64	Population Age 65
Saline County, MO	2,409	6,411	1,885
Missouri	423,970	1,063,115	283,471
United States	13,907,394	36,734,957	9,082,449



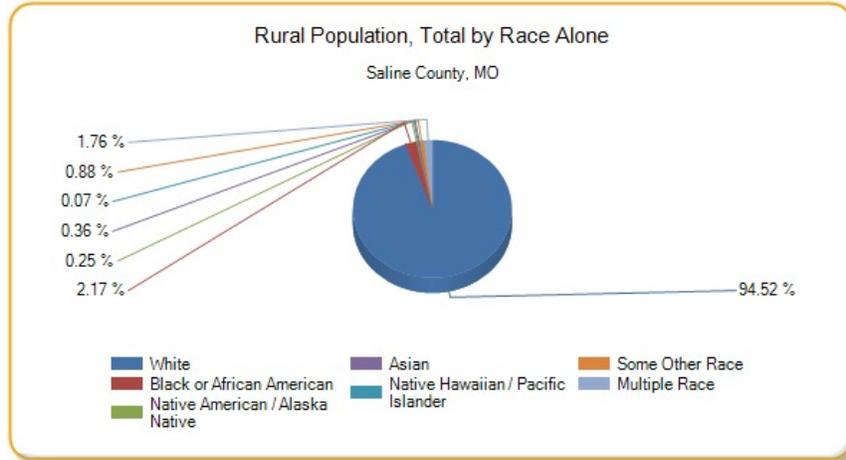
Rural Population, Percent by Age Group

Report Area	Population Under Age 18	Population Age 18-64	Population Age 65
Saline County, MO	44.64%	44.91%	50.96%
Missouri	29.74%	28.54%	33.82%
United States	18.52%	18.69%	22.26%



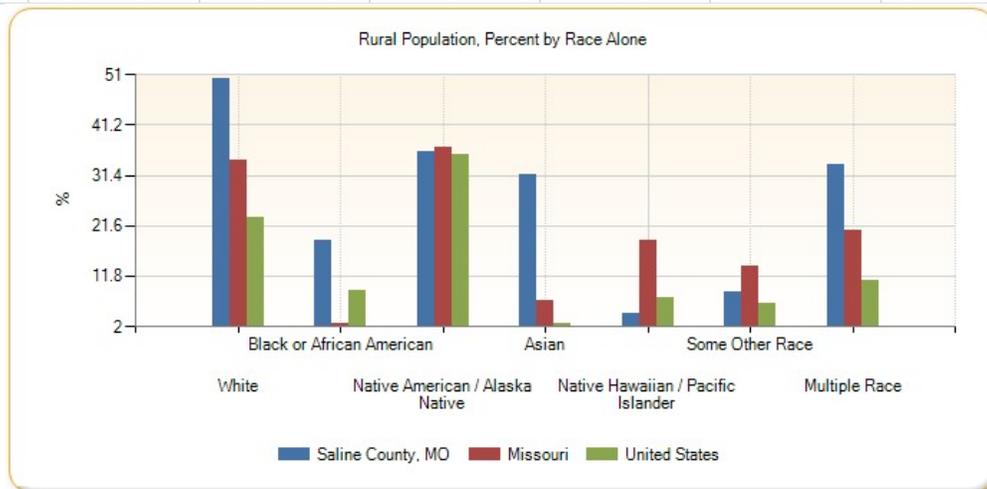
Rural Population, Total by Race Alone

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	10,118	232	27	39	7	94	188
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

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	50.25%	18.79%	36%	31.45%	4.43%	8.70%	33.45%
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%



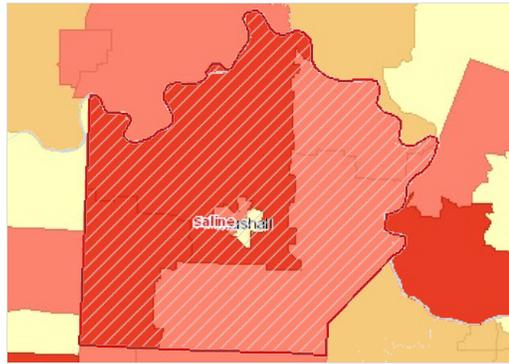
Veteran Population

This indicator reports the percentage of the population age 18 and older that served (even for a short time), but is not currently

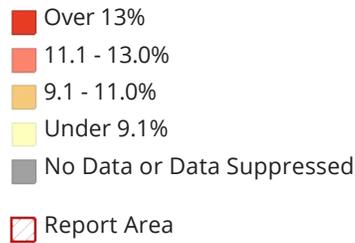
...serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard, or that served in the U.S. Merchant Marine during World War II.

Report Area	Total Population Age 18	Total Veterans	Veterans, Percent of Total Population
Saline County, MO	18,024	1,815	10.07%
Missouri	4,601,619	466,762	10.14%
United States	239,305,216	20,700,712	8.65%

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

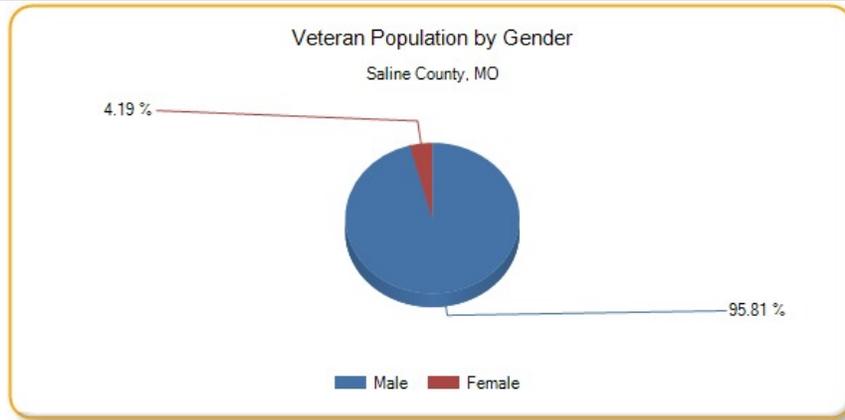


Veterans, Percent of Total Population by Tract, ACS 2010-14



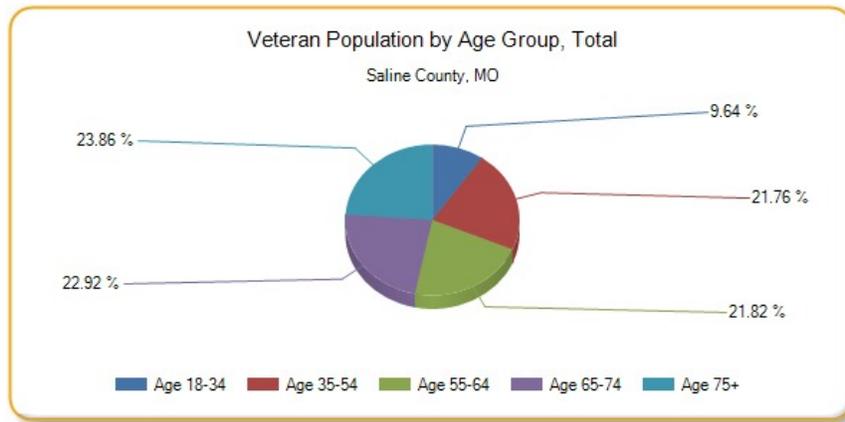
Veteran Population by Gender

Report Area	Male	Female	Percent Male	Percent Female
Saline County, MO	1,739	76	19.67%	0.83%
Missouri	435,291	31,471	19.63%	1.32%
United States	19,125,266	1,575,445	16.5%	1.28%



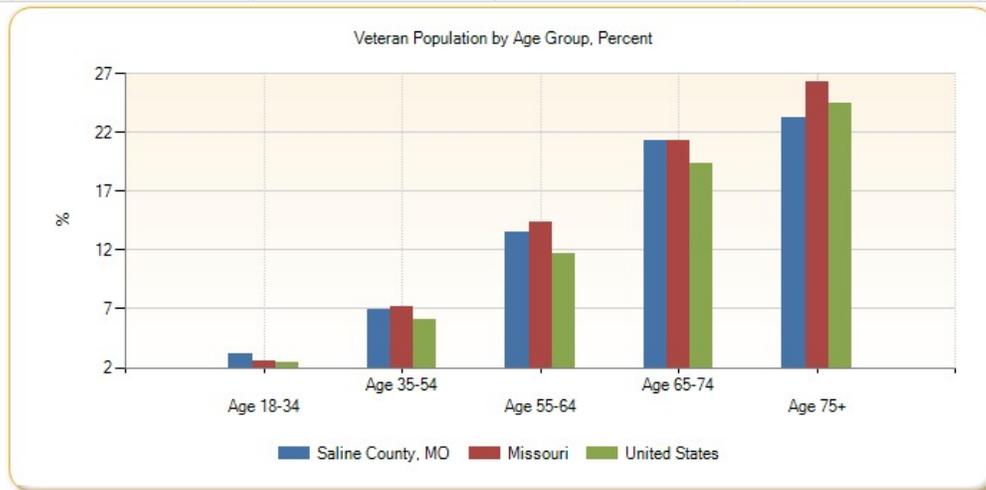
Veteran Population by Age Group, Total

Report Area	Age 18-34	Age 35-54	Age 55-64	Age 65-74	Age 75
Saline County, MO	175	395	396	416	433
Missouri	34,456	114,273	109,814	103,771	104,448
United States	1,728,895	5,119,244	4,523,205	4,629,302	4,700,065



Veteran Population by Age Group, Percent

Report Area	Age 18-34	Age 35-54	Age 55-64	Age 65-74	Age 75
Saline County, MO	3.16%	6.88%	13.54%	21.28%	23.27%
Missouri	2.52%	7.2%	14.38%	21.34%	26.35%
United States	2.37%	6.04%	11.72%	19.29%	24.5%



Social & Economic Factors

Economic and social insecurity often are associated with poor health. Poverty, unemployment, and lack of educational achievement affect access to care and a community's ability to engage in healthy behaviors. Without a network of support and a safe community, families cannot thrive. Ensuring access to social and economic resources provides a foundation for a healthy community.

Children Eligible for Free/Reduced Price Lunch

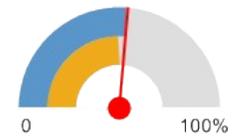
Within the report area 1,778 public school students or 52.9% are eligible for Free/Reduced Price lunch out of 3,677 total students enrolled. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs. Additionally, when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

Report Area	Total Students	Number Free/Reduced Price Lunch Eligible	Percent Free/Reduced Price Lunch Eligible
Saline County, MO	3,677	1,778	52.9%
Missouri	916,933	452,824	49.73%
United States	50,195,195	26,012,902	52.35%

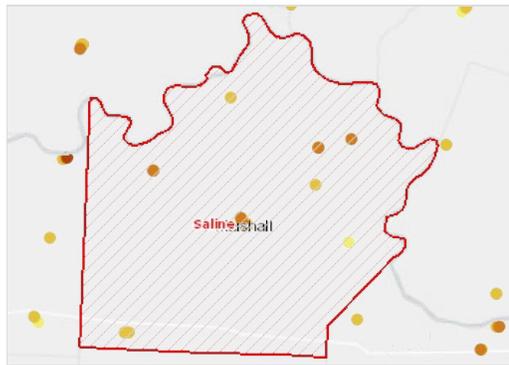
Note: This indicator is compared with the state average.

Data Source: National Center for Education Statistics, [NCES - Common Core of Data](#), 2013-14. Source geography: Address

Percent Students Eligible for Free or Reduced Price Lunch



■ Saline County, MO (52.9%)
■ Missouri (49.73%)
■ United States (52.35%)



Students Eligible for Free or Reduced-Price Lunch, NCES CCD 2013-14

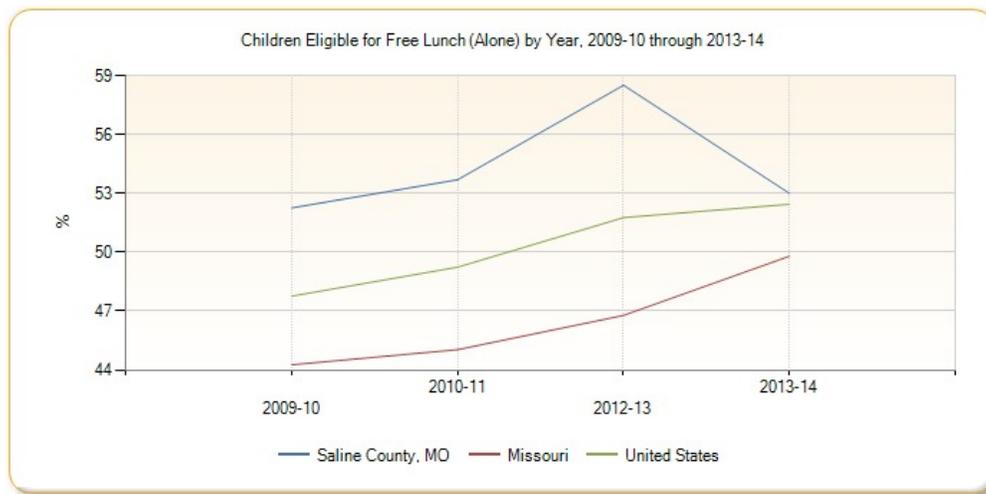
- Over 80.0%
- 60.1 - 80.0%
- 40.1 - 60.0%
- 20.1 - 40.0%
- Under 20.1%
- Not Reported
- Report Area

Children Eligible for Free Lunch (Alone) by Year, 2009-10 through 2013-14

The table below shows local, state, and National trends in student free and reduced lunch eligibility.

Note: Data for the 2011-12 school year are omitted due to lack of data for some states.

Report Area	2009-10	2010-11	2012-13	2013-14
Saline County, MO	52.26%	53.7%	58.52%	53%
Missouri	44.26%	45.03%	46.78%	49.8%
United States	47.76%	49.24%	51.77%	52.45%



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
Saline County, MO	23,324	3,610	15.48%
Missouri	6,044,171	1,030,030	17.04%
United States	320,750,757	48,770,990	15.21%

Note: This indicator is compared with the state average.
Data Source: [Feeding America](#), 2013. Source geography: County

Percentage of the Population with Food Insecurity



■ Saline County, MO (15.48)
■ Missouri (17.04)
■ United States (15.21)



Food Insecure Population, Percent by County, Feeding America 2013

- Over 18.0%
- 15.1 - 18.0%
- 12.1 - 15.0%
- Under 12.1%
- Report Area

Food Insecurity - Food Insecure Children

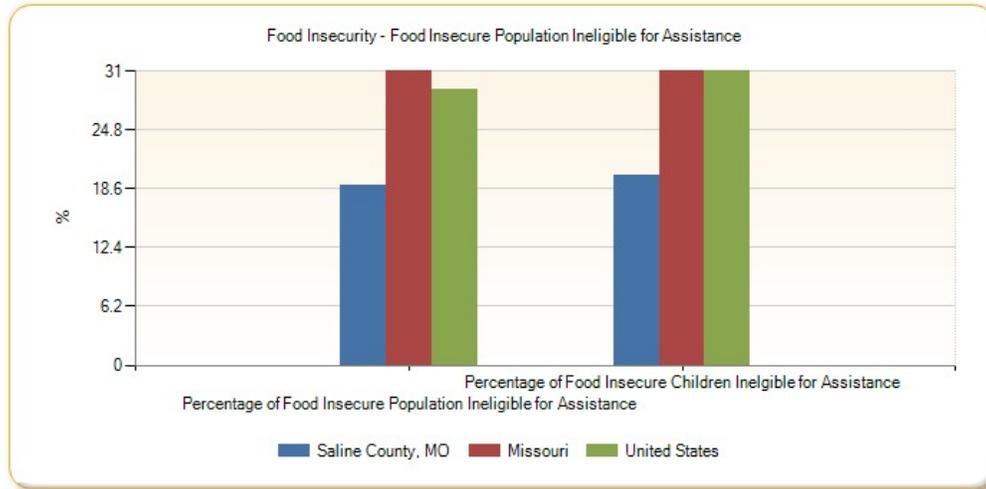
This indicator reports the estimated percentage of the population under age 18 that experienced food insecurity at some point during the report year. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food.

Report Area	Population Under Age 18	Food Insecure Children, Total	Child Food Insecurity Rate
Saline County, MO	5,328	1,210	22.71%
Missouri	1,399,075	304,810	21.79%
United States	73,580,326	17,284,530	23.49%

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, Total	Percentage of Food Insecure Population Ineligible for Assistance	Food Insecure Children, Total	Percentage of Food Insecure Children Ineligible for Assistance
Saline County, MO	3,610	19%	1,210	20%
Missouri	1,030,030	31%	304,810	31%
United States	48,770,990	29%	17,284,530	31%



High School Graduation Rate (EdFacts)

Within the report area 87.8% of students are receiving their high school diploma within four years. This indicator is relevant because research suggests education is one the strongest predictors of health (Freudenberg & Ruglis, 2007).

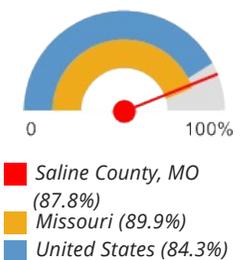
Report Area	Total Student Cohort	Estimated Number of Diplomas Issued	Cohort Graduation Rate
Saline County, MO	262	230	87.8
Missouri	64,125	57,646	89.9
United States	3,127,886	2,635,290	84.3

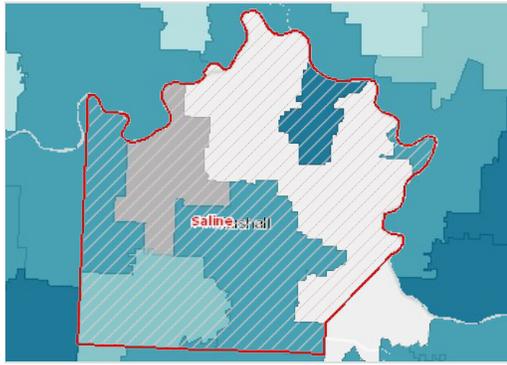
Note: This indicator is compared with the state average.

Data Source: US Department of Education, [EDFacts](#). Accessed via [DATA.GOV](#). Additional data analysis by [CARES](#). 2013-14.

Source geography: School District

Cohort Graduation Rate





On-Time Graduation, Rate by School District (Secondary), ED Facts 2013-14

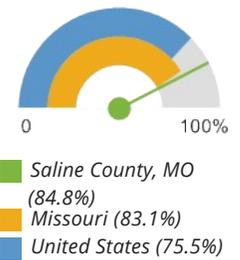
- Over 94.0%
- 85.1 - 94.0%
- 75.1 - 85.0%
- Under 75.1%
- No Data or Data Suppressed
- Report Area

High School Graduation Rate (NCES)

Within the report area 84.8% of students are receiving their high school diploma within four years. This is greater than the Healthy People 2020 target of 82.4%. This indicator is relevant because research suggests education is one the strongest predictors of health ([Freudenberg & Ruglis, 2007](#)).

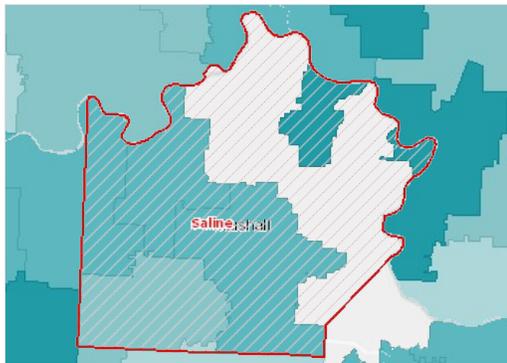
Report Area	Average Freshman Base Enrollment	Estimated Number of Diplomas Issued	On-Time Graduation Rate
Saline County, MO	346	293	84.8
Missouri	75,801	62,969	83.1
United States	4,024,345	3,039,015	75.5
<u>HP 2020 Target</u>			> =82.4

On-Time Graduation Rate



Note: This indicator is compared with the state average.

Data Source: National Center for Education Statistics, [NCES - Common Core of Data](#). 2008-09. Source geography: County



On-Time Graduation, Rate by School District (Secondary), NCES CCD 2008-09

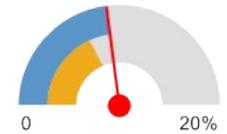
- Over 94.1%
- 85.1 - 94.0%
- 75.1 - 85.0%
- Under 75.1%
- No Data or Data Suppressed
- Report Area

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.

Report Area	Total Occupied Households	Households with No Motor Vehicle	Percentage of Households with No Motor Vehicle
Saline County, MO	8,865	812	9.16%
Missouri	2,361,232	173,776	7.36%
United States	116,211,088	10,594,153	9.12%

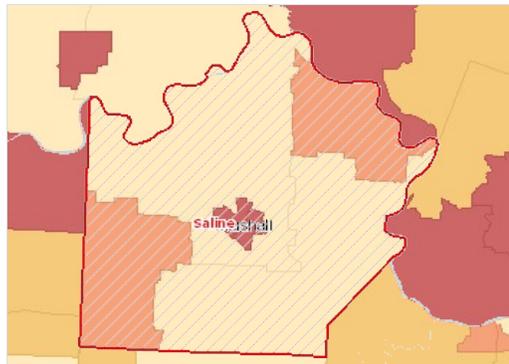
Percentage of Households with No Motor Vehicle



- Saline County, MO (9.16%)
- Missouri (7.36%)
- United States (9.12%)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

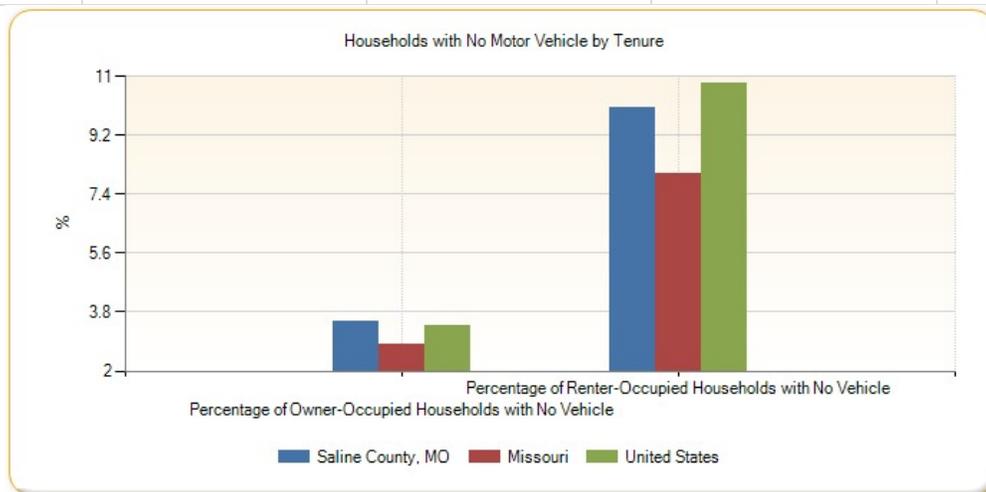


Households with No Vehicle, Percent by Tract, ACS 2010-14

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

Households with No Motor Vehicle by Tenure

Report Area	Owner-Occupied Households with No Vehicle	Percentage of Owner-Occupied Households with No Vehicle	Renter-Occupied Households with No Vehicle	Percentage of Renter-Occupied Households with No Vehicle
Saline County, MO	211	3.53%	601	10.05%
Missouri	45,292	2.82%	128,484	8.01%
United States	2,515,737	3.36%	8,078,416	10.8%



Housing Cost Burden (30%)

This indicator reports the percentage of the households where housing costs exceed 30% 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.

Report Area	Total Households	Cost Burdened Households (Housing Costs Exceed 30% of Income)	Percentage of Cost Burdened Households (Over 30% of Income)
Saline County, MO	8,865	2,594	29.26%
Missouri	2,361,232	698,371	29.58%
United States	116,211,096	40,509,856	34.86%

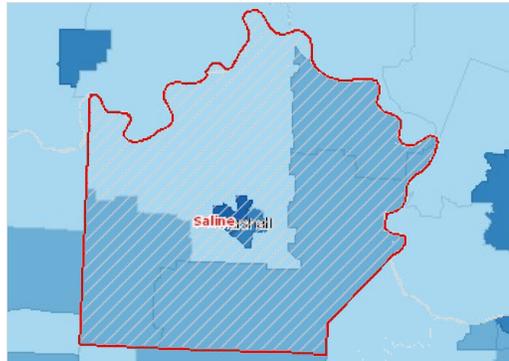
Percentage of Households where Housing Costs Exceed 30% of Income



■ Saline County, MO (29.26%)
■ Missouri (29.58%)
■ United States (34.86%)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract



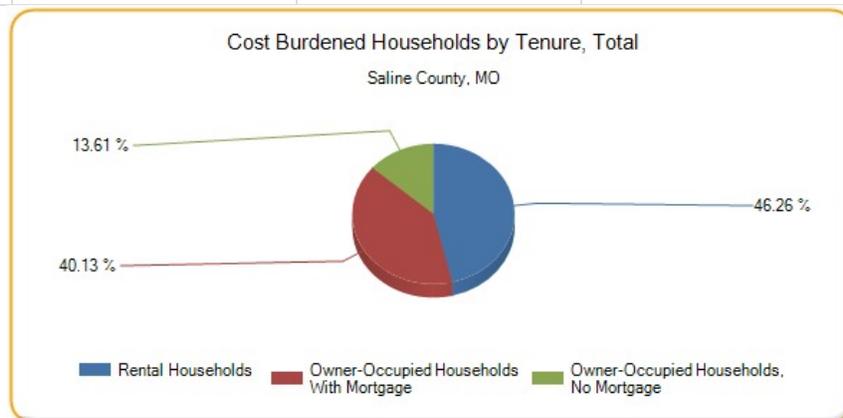
Cost Burdened Households (Housing Costs Exceed 30% of Household Income), Percent by Tract, ACS 2010-14

- Over 35.1%
- 28.1 - 35.0%
- 21.1 - 28.0%
- Under 21.1%
- No Data or Data Suppressed
- Report Area

Cost Burdened Households by Tenure, Total

This data shows the number of households that spend more than 30% of the household income on housing costs. In the report area, there were 2,594 cost burdened households according to the U.S. Census Bureau American Community Survey (ACS) 200-2014 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)
Saline County, MO	2,594	1,200	1,041	353
Missouri	698,371	341,853	284,902	71,616
United States	40,509,856	20,011,828	16,687,628	3,810,400

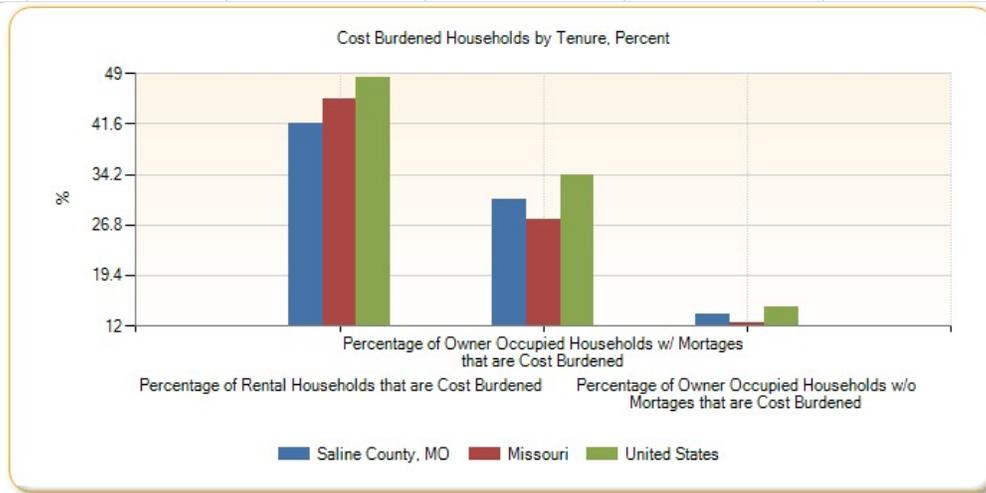


Cost Burdened Households by Tenure, Percent

This data shows 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 41.64% of all of the rental households in the report area, according to the U.S.

Census Bureau American Community Survey (ACS) 2010-2014 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
Saline County, MO	2,882	41.64%	3,410	30.53%	2,573	13.72%
Missouri	756,950	45.16%	1,032,485	27.59%	571,797	12.52%
United States	41,423,632	48.31%	49,043,776	34.03%	25,743,686	14.8%

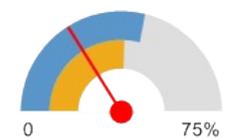


Income - Families Earning Over \$75,000

In the report area, 24.22%, or 1,396 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
Saline County, MO	5,765	1,396	24.22%
Missouri	1,532,908	591,040	38.56%
United States	76,958,064	33,389,114	43.39%

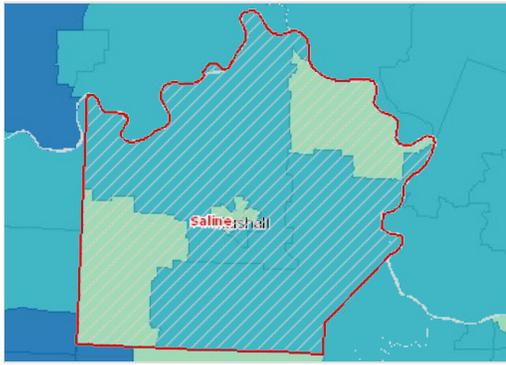
Percent Families with Income Over \$75,000



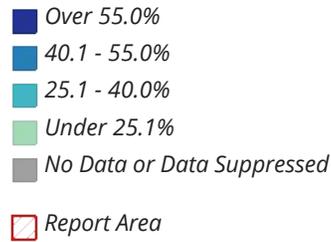
- Saline County, MO (24.22%)
- Missouri (38.56%)
- United States (43.39%)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, American Community Survey, 2010-14. Source geography: Tract

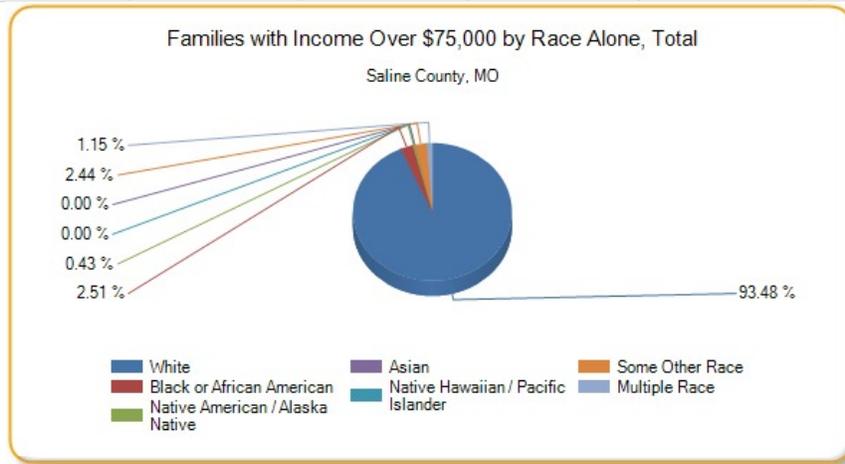


Family Income Over \$75,000, Percent by Tract, ACS 2010-14



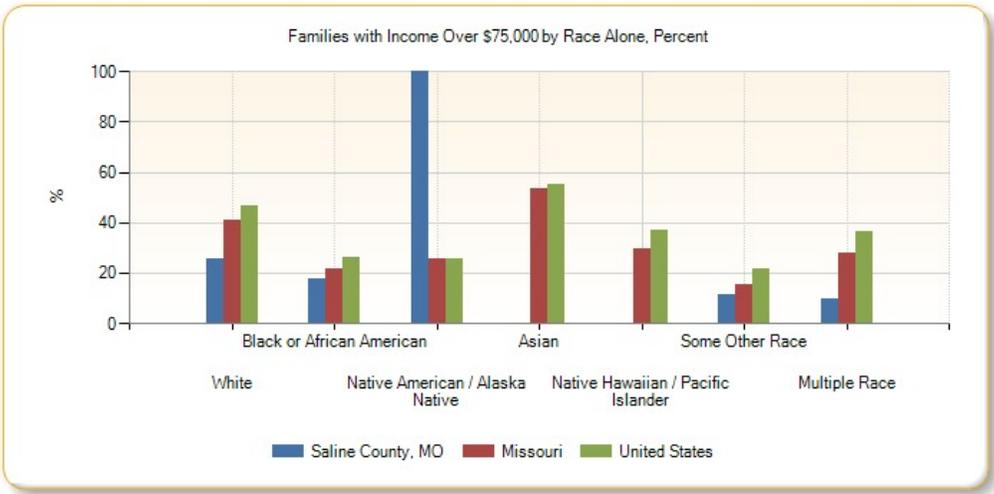
Families with Income Over \$75,000 by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	1,305	35	6	0	0	34	16
Missouri	536,497	33,345	1,594	11,657	279	1,843	5,825
United States	27,726,488	2,321,115	143,265	2,004,053	39,987	660,244	493,963



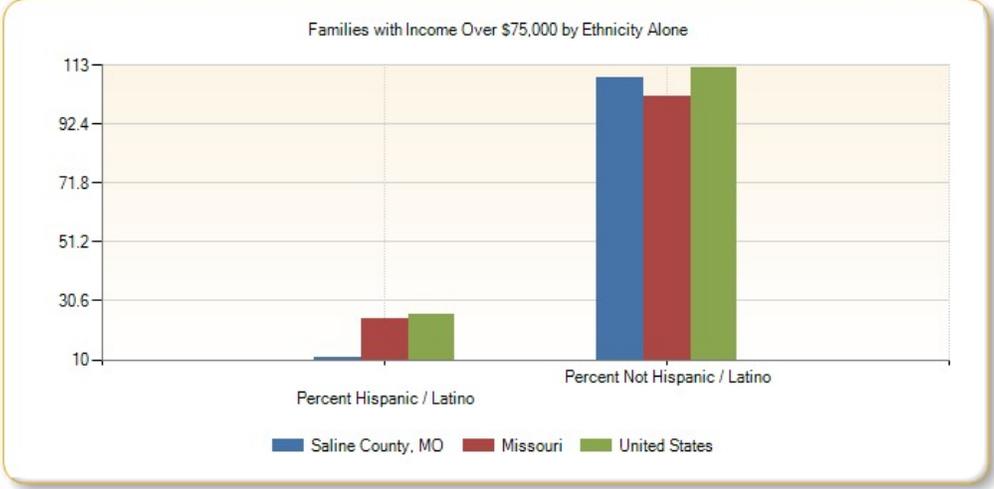
Families with Income Over \$75,000 by Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	25.67%	17.5%	100%	no data	0%	11.49%	9.52%
Missouri	40.75%	21.59%	25.71%	53.75%	29.78%	15.36%	27.81%
United States	46.65%	26.34%	25.47%	55.07%	37.22%	21.63%	36.69%



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

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	52	5,713	10.46	108.45
Missouri	10,219	1,522,689	24.48	102.11
United States	2,805,425	74,152,640	25.85	112.17



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 2010-14 American Community Survey and are not available for custom report areas or multi-county areas.

Report Area	Total Households	Gini Index Value
Saline County, MO	8,865	0.42
Missouri	2,361,232	0.46
United States	116,211,088	0.48

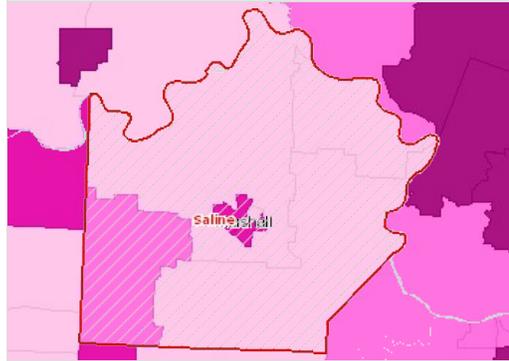
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

Gini Index Value



- Saline County, MO (0.42)
- Missouri (0.46)
- United States (0.48)



Income Inequality (GINI), Index Value by Tract, ACS 2010-14

- Over 0.460
- 0.431 - 0.460
- 0.401 - 0.430
- Under 0.401
- No Data or Data Suppressed
- Report Area

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
Saline County, MO	5,765	\$57,289	\$48,800
Missouri	1,532,908	\$77,368	\$60,414
United States	76,958,064	\$86,963	\$65,443

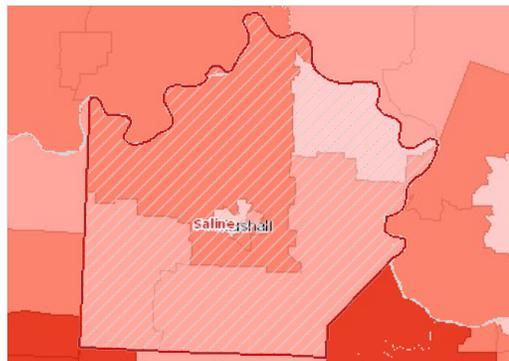
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

Median Family Income



- Saline County, MO (48,800)
- Missouri (60,414)
- United States (65,443)

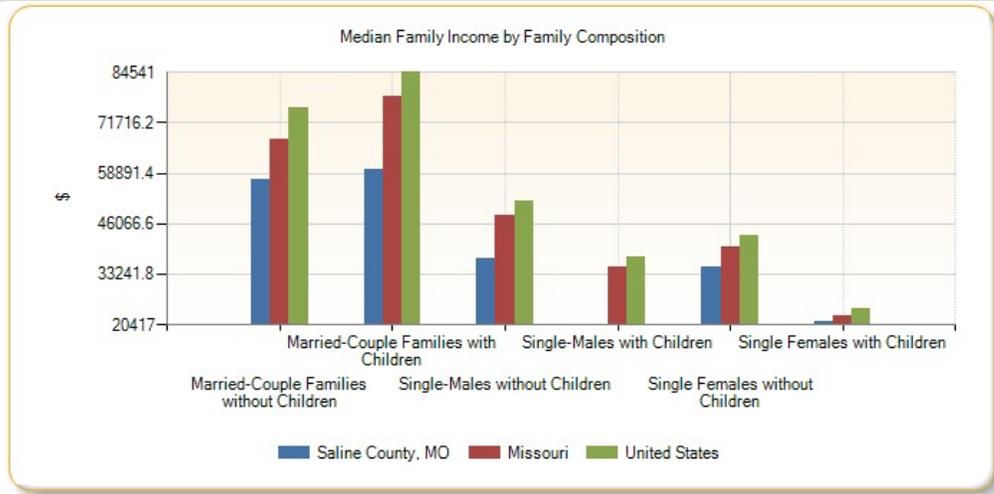


Median Family Income by Tract, ACS 2010-14

- Over \$65,000
- \$55,001 - \$65,000
- \$45,001 - \$55,000
- Under \$45,001
- No Data or Data Suppressed
- Report Area

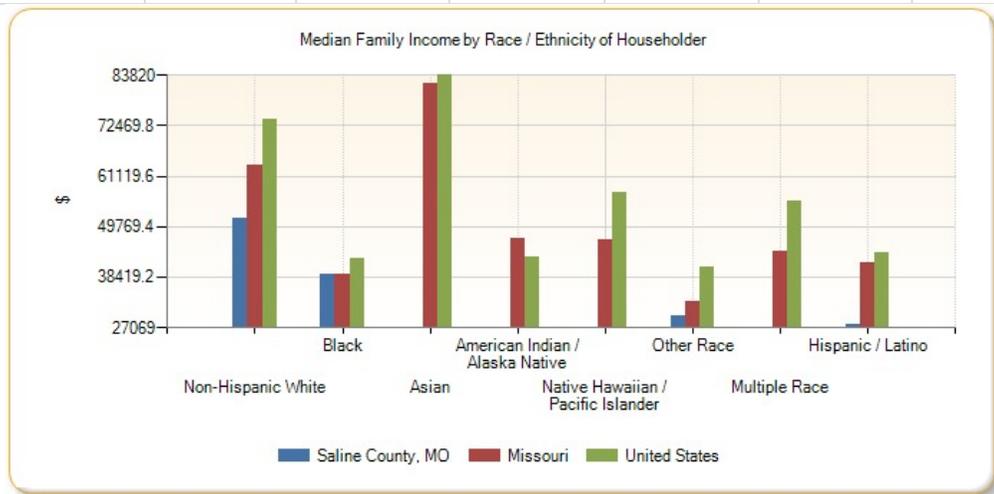
Median Family Income by Family Composition

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
Saline County, MO	\$57,362	\$59,733	\$37,422	\$20,417	\$35,156	\$21,269
Missouri	\$67,530	\$78,378	\$47,996	\$35,067	\$40,092	\$22,743
United States	\$75,434	\$84,541	\$51,768	\$37,640	\$43,046	\$24,403



Median Family Income by Race / Ethnicity of Householder

Report Area	Non-Hispanic White	Black	Asian	American Indian / Alaska Native	Native Hawaiian / Pacific Islander	Other Race	Multiple Race	Hispanic / Latino
Saline County, MO	\$51,476	\$39,063	no data	no data	no data	\$29,868	\$27,069	\$27,802
Missouri	\$63,678	\$39,098	\$81,875	\$47,193	\$46,875	\$32,892	\$44,106	\$41,521
United States	\$73,974	\$42,711	\$83,820	\$42,948	\$57,342	\$40,639	\$55,545	\$44,013



Income - Per Capita Income

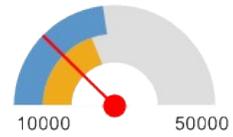
The per capita income for the report area is \$19,774. This includes all reported income from wages and salaries as well as income from self-employment, interest or dividends, public assistance, retirement, and other sources. The per capita income in this report area is the average (mean) income computed for every man, woman, and child in the specified area.

Report Area	Total Population	Total Income (\$)	Per Capita Income (\$)
Saline County, MO	23,363	\$461,988,000	\$19,774
Missouri	6,028,076	\$156,768,190,464	\$26,006
United States	314,107,072	\$8,969,237,037,056	\$28,554

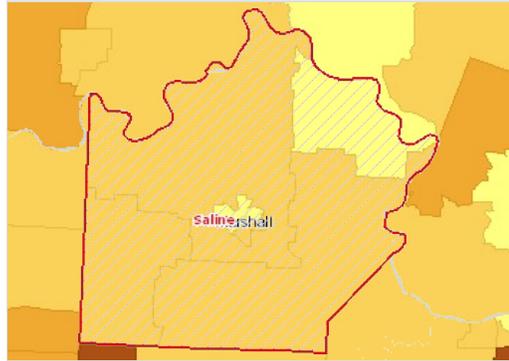
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

Per Capita Income (\$)



- Saline County, MO (19,774)
- Missouri (26,006)
- United States (28,554)

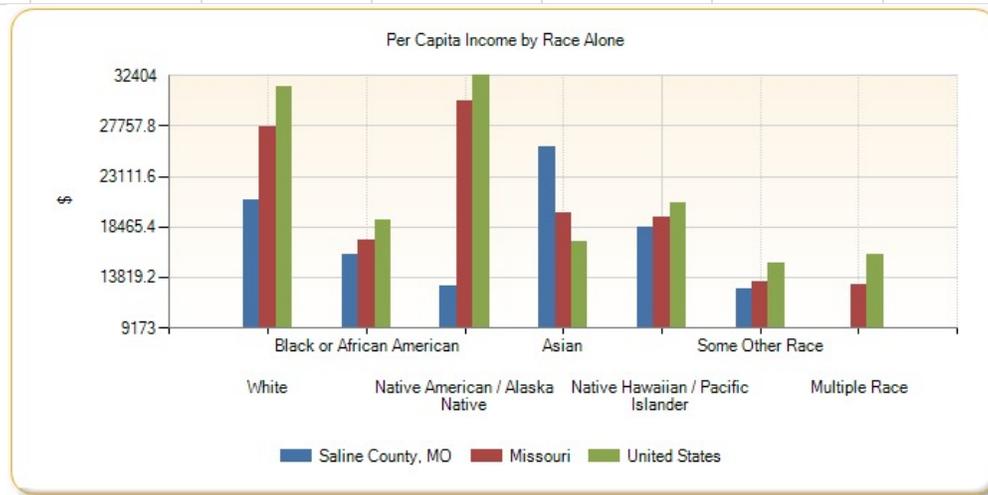


Per Capita Income by Tract, ACS 2010-14

- Over 30,000
- 25,001 - 30,000
- 20,001 - 25,000
- Under 20,001
- No Data or Data Suppressed
- Report Area

Per Capita Income by Race Alone

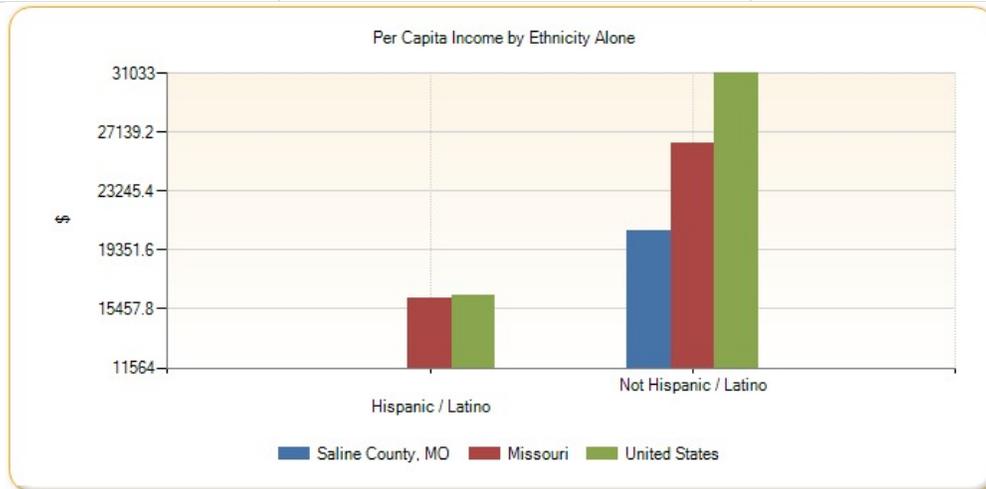
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	\$20,945	\$15,961	\$13,039	\$25,810	\$18,438	\$12,755	\$9,173
Missouri	\$27,707	\$17,303	\$30,116	\$19,731	\$19,426	\$13,387	\$13,168
United States	\$31,402	\$19,113	\$32,404	\$17,134	\$20,638	\$15,152	\$15,876



Per Capita Income by Ethnicity Alone

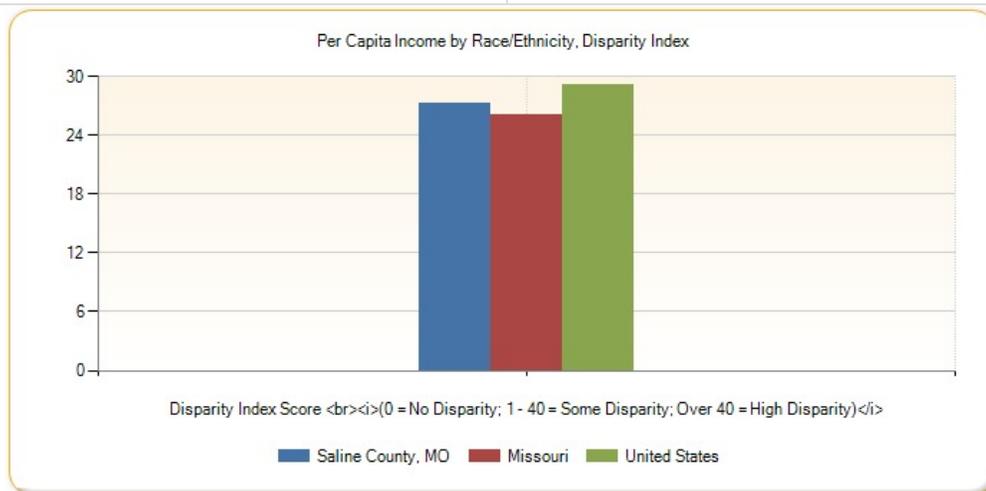
Report Area	Hispanic / Latino	Not Hispanic / Latino
Saline County, MO	\$11,564	\$20,592
Missouri	\$16,178	\$26,390

Report Area	Hispanic / Latino	Not Hispanic / Latino
United States	\$16,367	\$31,033



Per Capita Income by Race/Ethnicity, Disparity Index

Report Area	Disparity Index Score (0 = No Disparity; 1 - 40 = Some Disparity; Over 40 = High Disparity)
Saline County, MO	27.25
Missouri	26.04
United States	29.2



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
Saline County, MO	8,865	285	3.21%
Missouri	2,361,232	57,325	2.43%
United States	116,211,088	3,274,407	2.82%

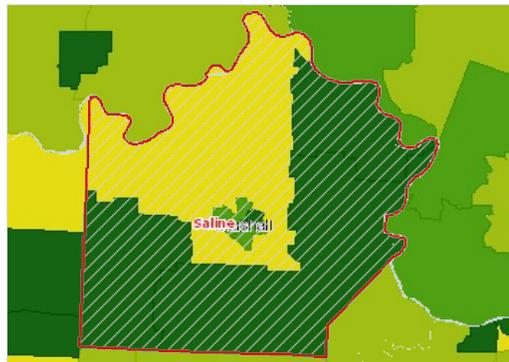
Percent Households with Public Assistance Income



- Saline County, MO (3.21%)
- Missouri (2.43%)
- United States (2.82%)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

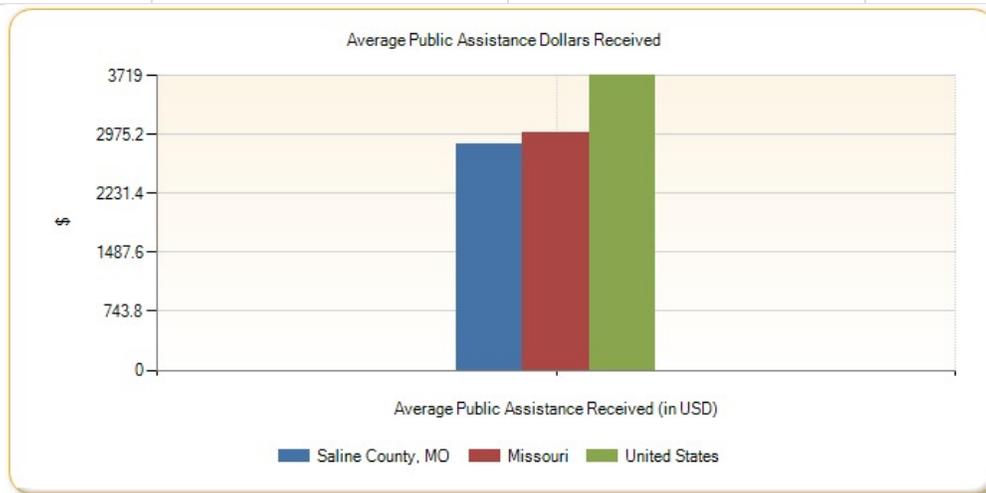


Households with Public Assistance Income, Percent by Tract, ACS 2010-14

- Over 3.0%
- 2.1 - 3.0%
- 1.1 - 2.0%
- Under 1.1%
- No Data or Data Suppressed
- Report Area

Average Public Assistance Dollars Received

Report Area	Total Households Receiving Public Assistance Income	Aggregate Public Assistance Dollars Received	Average Public Assistance Received (in USD)
Saline County, MO	285	813,500	\$2,854
Missouri	57,325	172,338,800	\$3,006
United States	3,274,407	12,180,443,136	\$3,719

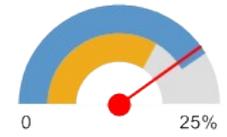


Insurance - Population Receiving Medicaid

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
Saline County, MO	22,886	20,467	4,105	20.06%
Missouri	5,914,681	5,152,829	870,934	16.9%
United States	309,082,272	265,204,128	55,035,660	20.75%

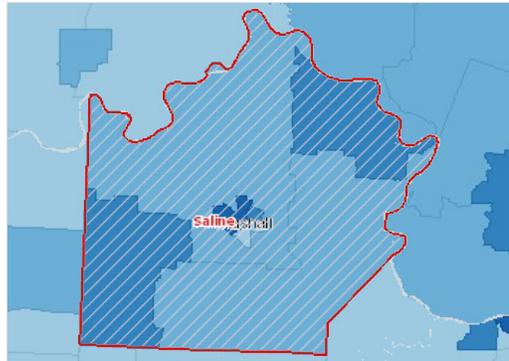
**Percent of Insured
Population Receiving
Medicaid**



■ Saline County, MO
 (20.06%)
■ Missouri (16.9%)
■ United States (20.75%)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

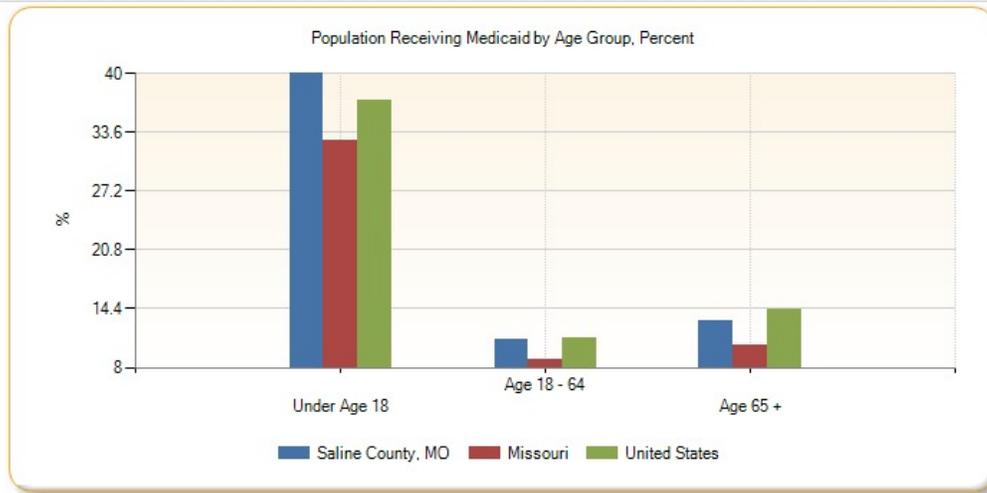


Insured, Medicaid / Means-Tested Coverage, Percent by Tract, ACS 2010-14

- Over 25.0%
- 20.1 - 25.0%
- 15.1 - 20.0%
- Under 15.1%
- No Data or Data Suppressed
- Report Area

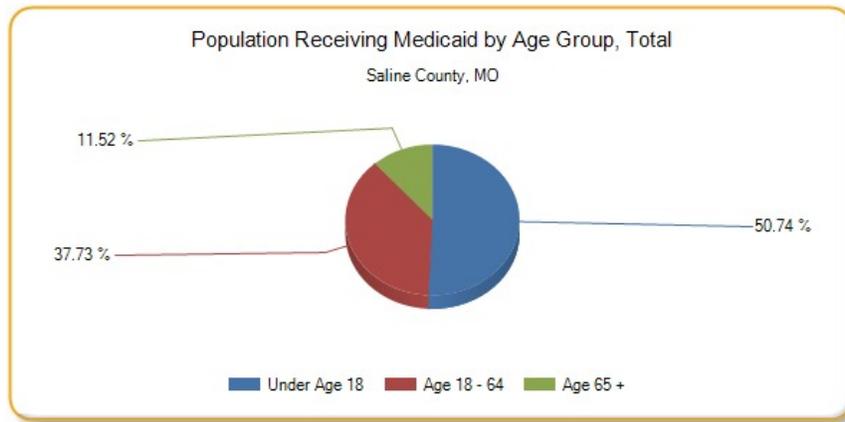
Population Receiving Medicaid by Age Group, Percent

Report Area	Under Age 18	Age 18 - 64	Age 65
Saline County, MO	40%	11%	13.14%
Missouri	32.78%	8.8%	10.46%
United States	37.11%	11.23%	14.24%



Population Receiving Medicaid by Age Group, Total

Report Area	Under Age 18	Age 18 - 64	Age 65
Saline County, MO	2,083	1,549	473
Missouri	459,655	322,942	88,337
United States	27,324,286	21,746,868	5,964,506



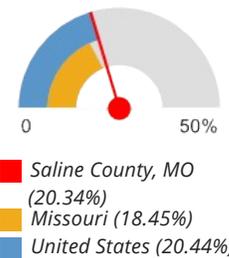
Insurance - Uninsured Adults

The lack of health insurance is considered a key driver of health status.

This indicator reports the percentage of adults age 18 to 64 without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population Age 18 - 64	Population with Medical Insurance	Percent Population With Medical Insurance	Population Without Medical Insurance	Percent Population Without Medical Insurance
Saline County, MO	13,198	10,512	79.65%	2,685	20.34%
Missouri	3,623,020	2,954,526	81.55%	668,495	18.45%
United States	192,461,139	153,124,895	79.56%	39,336,247	20.44%

Percent Population Without Medical Insurance



Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [Small Area Health Insurance Estimates](#), 2013. Source geography: County

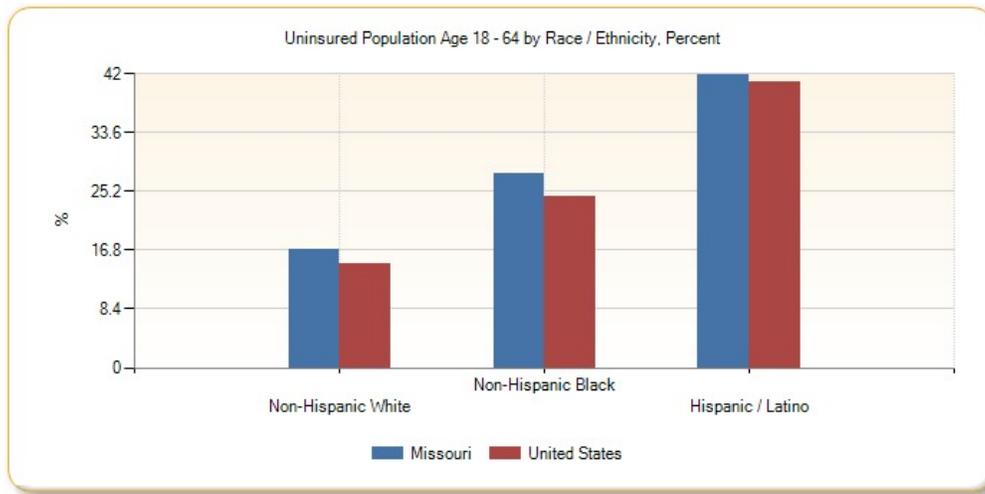


Uninsured Population, Age 18-64, Percent by County, SAHIE 2013

- Over 27.0%
- 22.1 - 27.0%
- 17.1 - 22.0%
- Under 17.1%
- No Data or Data Suppressed
- Report Area

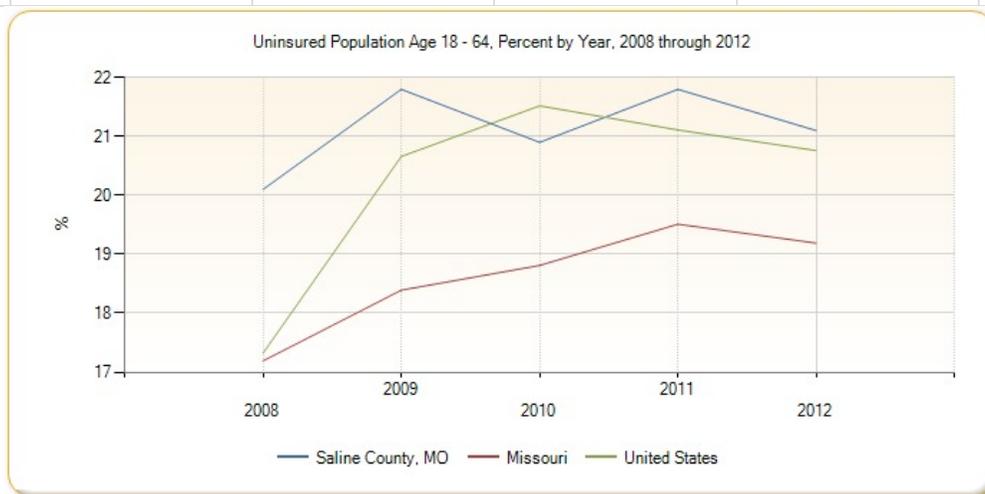
Uninsured Population Age 18 - 64 by Race / Ethnicity, Percent

Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic / Latino
Missouri	16.78%	27.71%	41.93%
United States	14.81%	24.37%	40.84%



Uninsured Population Age 18 - 64, Percent by Year, 2008 through 2012

Report Area	2008	2009	2010	2011	2012
Saline County, MO	20.1%	21.8%	20.9%	21.8%	21.1%
Missouri	17.19%	18.39%	18.81%	19.51%	19.19%
United States	17.32%	20.66%	21.52%	21.11%	20.76%



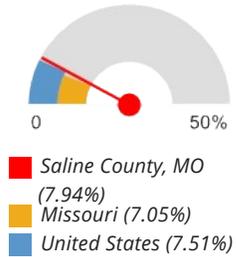
Insurance - Uninsured Children

The lack of health insurance is considered a key driver of health status.

This indicator reports the percentage of children under age 19 without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population Under Age 19	Population with Medical Insurance	Percent Population With Medical Insurance	Population Without Medical Insurance	Percent Population Without Medical Insurance
Saline County, MO	5,406	4,978	92.08%	429	7.94%
Missouri	1,434,519	1,333,337	92.95%	101,182	7.05%
United States	76,195,402	70,470,743	92.49%	5,724,663	7.51%

Percent Population Without Medical Insurance



Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [Small Area Health Insurance Estimates](#), 2013. Source geography: County

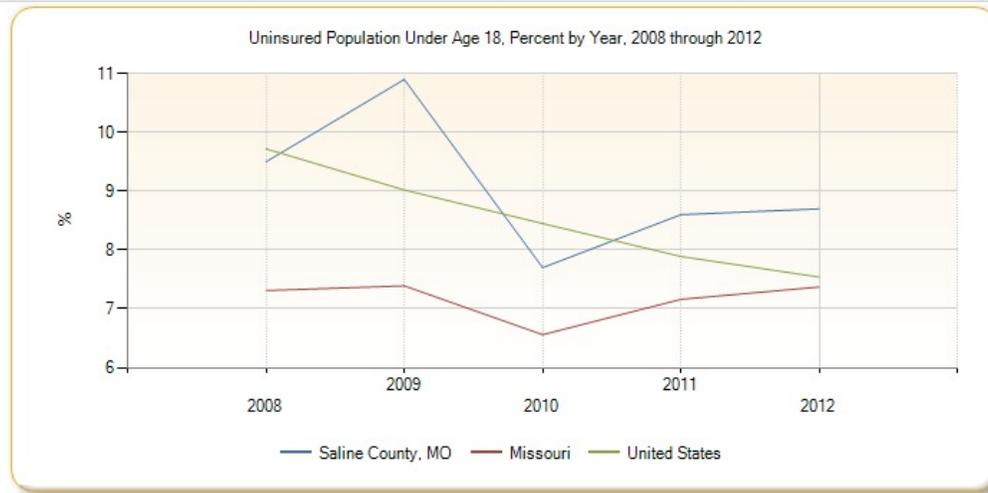


Uninsured Population, Age 0-18, Percent by County, SAHIE 2013



Uninsured Population Under Age 18, Percent by Year, 2008 through 2012

Report Area	2008	2009	2010	2011	2012
Saline County, MO	9.5%	10.9%	7.7%	8.6%	8.7%
Missouri	7.31%	7.39%	6.56%	7.16%	7.37%
United States	9.72%	9.02%	8.45%	7.89%	7.54%



Insurance - Uninsured Population

The lack of health insurance is considered a key driver of health status.

This indicator reports the percentage of the total civilian non-institutionalized population without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population (For Whom Insurance Status is Determined)	Total Uninsured Population	Percent Uninsured Population
Saline County, MO	22,886	2,419	10.57%
Missouri	5,914,681	761,852	12.88%
United States	309,082,272	43,878,140	14.2%

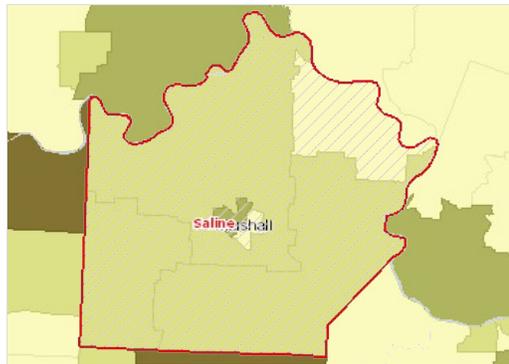
Percent Uninsured Population



- Saline County, MO (10.57%)
- Missouri (12.88%)
- United States (14.2%)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

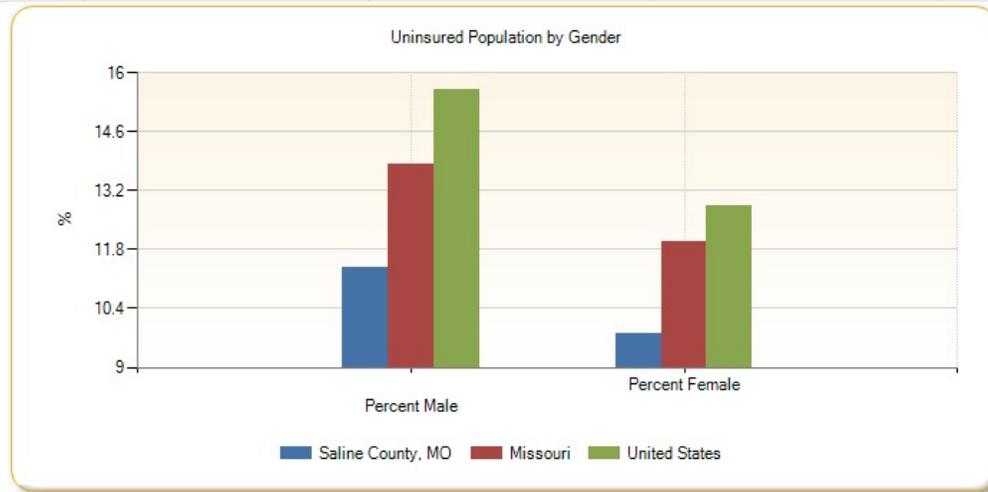


Uninsured Population, Percent by Tract, ACS 2010-14

- Over 20.0%
- 15.1 - 20.0%
- 10.1 - 15.0%
- Under 10.1%
- No Data or Data Suppressed
- Report Area

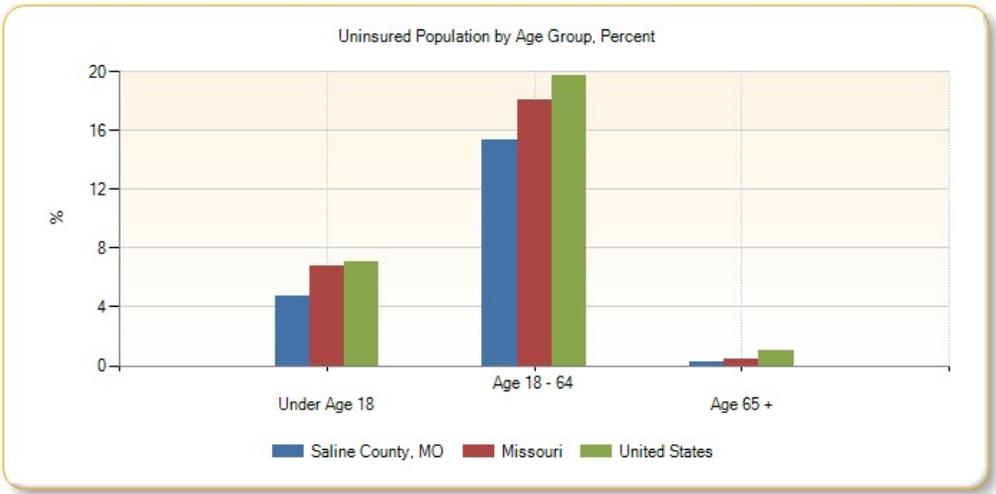
Uninsured Population by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	1,298	1,121	11.36%	9.79%
Missouri	397,913	363,939	13.82%	11.99%
United States	23,558,630	20,319,504	15.61%	12.84%



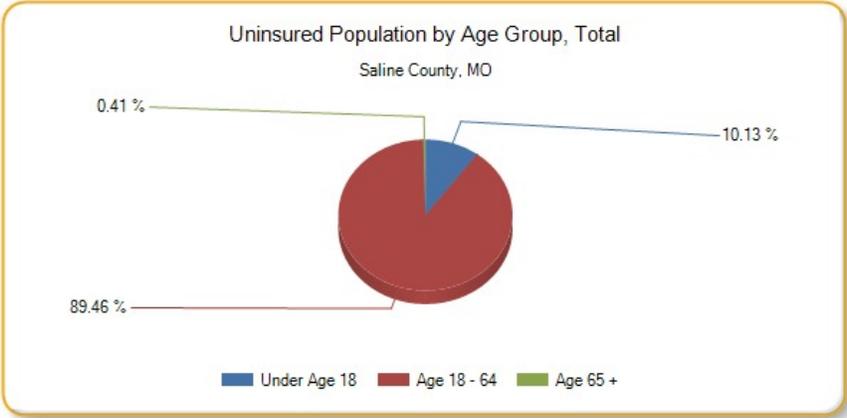
Uninsured Population by Age Group, Percent

Report Area	Under Age 18	Age 18 - 64	Age 65
Saline County, MO	4.71%	15.37%	0.28%
Missouri	6.8%	18.08%	0.41%
United States	7.08%	19.76%	0.98%



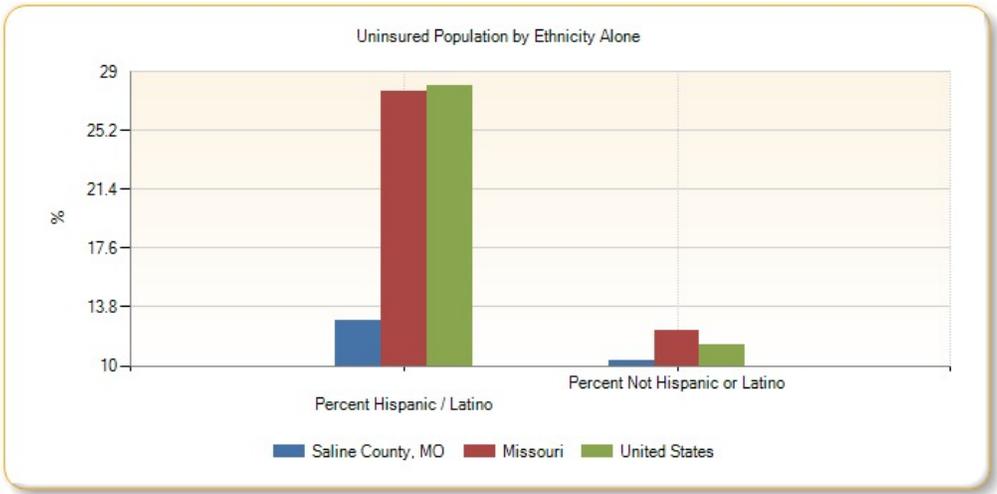
Uninsured Population by Age Group, Total

Report Area	Under Age 18	Age 18 - 64	Age 65
Saline County, MO	245	2,164	10
Missouri	95,396	663,031	3,425
United States	5,217,055	38,249,012	412,062



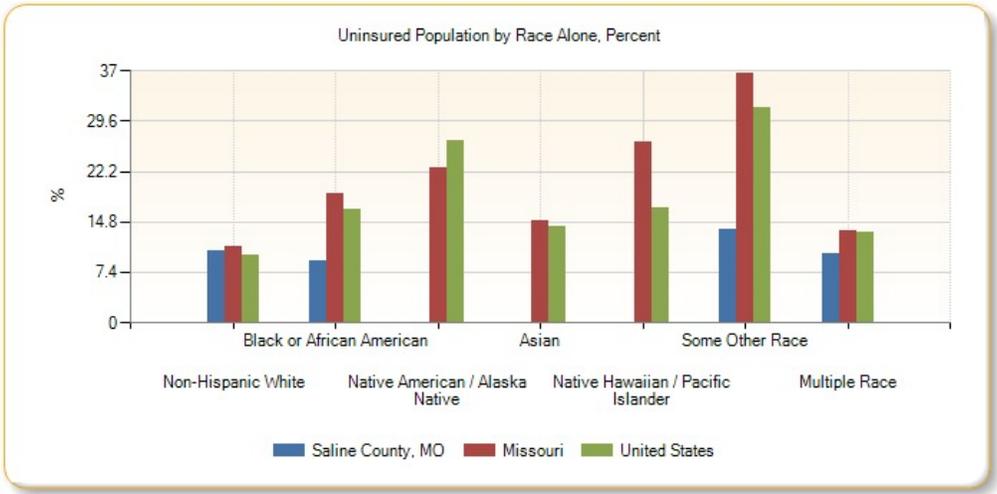
Uninsured Population by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic or Latino
Saline County, MO	273	2,146	12.96%	10.33%
Missouri	61,404	700,448	27.72%	12.3%
United States	14,703,706	29,174,434	28.09%	11.36%



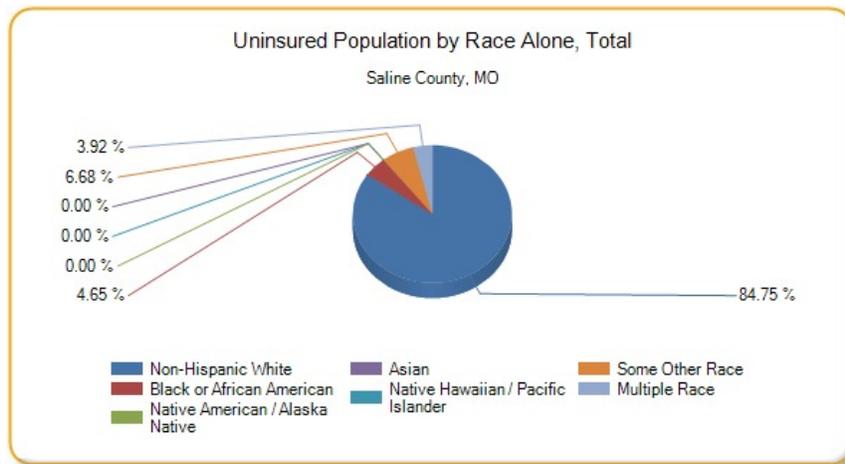
Uninsured Population by Race Alone, Percent

Report Area	Non-Hispanic White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	10.49%	9.01%	0%	0%	0%	13.64%	10.16%
Missouri	11.23%	19.04%	22.65%	15.06%	26.63%	36.61%	13.42%
United States	9.92%	16.69%	26.76%	14.11%	16.96%	31.56%	13.28%



Uninsured Population by Race Alone, Total

Report Area	Non-Hispanic White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	1,967	108	0	0	0	155	91
Missouri	536,074	127,591	5,305	15,245	1,530	22,992	18,919
United States	19,287,568	6,385,674	669,741	2,204,705	88,625	4,595,091	1,191,694

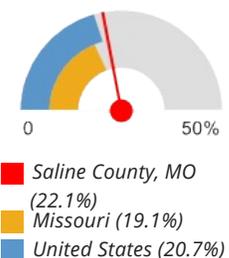


Lack of Social or Emotional Support

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
Saline County, MO	17,841	3,800	21.3%	22.1%
Missouri	4,532,155	865,642	19.1%	19.1%
United States	232,556,016	48,104,656	20.7%	20.7%

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



Note: This indicator is compared with 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, BRFSS 2006-12

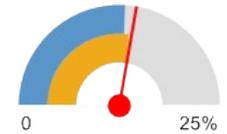
- Over 23.0%
- 19.1 - 23.0%
- 15.1 - 19.0%
- Under 15.1%
- No Data or Data Suppressed
- Report Area

Population Receiving SNAP Benefits (ACS)

This indicator reports the estimated percentage of households receiving the Supplemental Nutrition Assistance Program (SNAP) benefits. 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 enrolment.

Report Area	Total Households	Households Receiving SNAP Benefits	Percent Households Receiving SNAP Benefits
Saline County, MO	8,865	1,230	13.87%
Missouri	2,361,232	322,657	13.66%
United States	116,211,088	15,089,358	12.98%

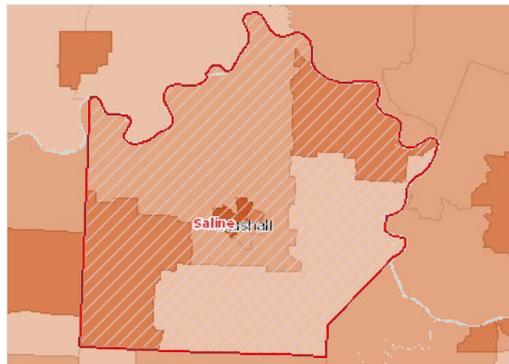
Percent Households Receiving SNAP Benefits



- Saline County, MO (13.87%)
- Missouri (13.66%)
- United States (12.98%)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

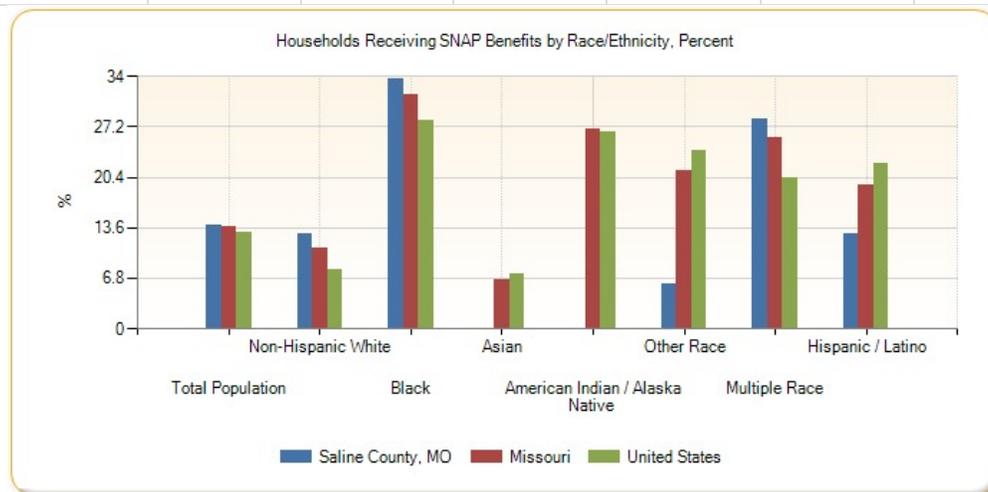


Households Receiving SNAP Benefits, Percent by Tract, ACS 2010-14

- Over 19.0%
- 14.1 - 19.0%
- 9.1 - 14.0%
- Under 9.1%
- No Data or Data Suppressed
- Report Area

Households Receiving SNAP Benefits by Race/Ethnicity, Percent

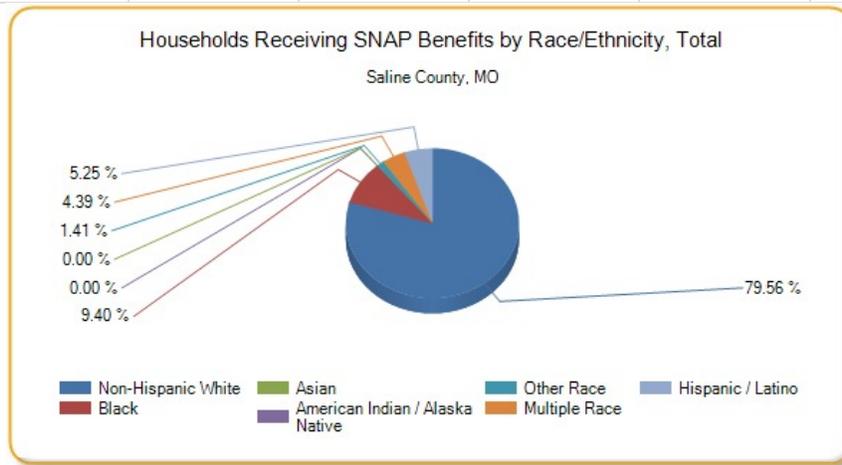
Report Area	Total Population	Non-Hispanic White	Black	Asian	American Indian / Alaska Native	Other Race	Multiple Race	Hispanic / Latino
Saline County, MO	13.87%	12.77%	33.61	0%	0%	5.96%	28.28%	12.88%
Missouri	13.66%	10.77%	31.6	6.69%	26.91%	21.33%	25.75%	19.36%
United States	12.98%	7.99%	28.07	7.42%	26.45%	24.04%	20.23%	22.24%



Households Receiving SNAP Benefits by Race/Ethnicity, Total

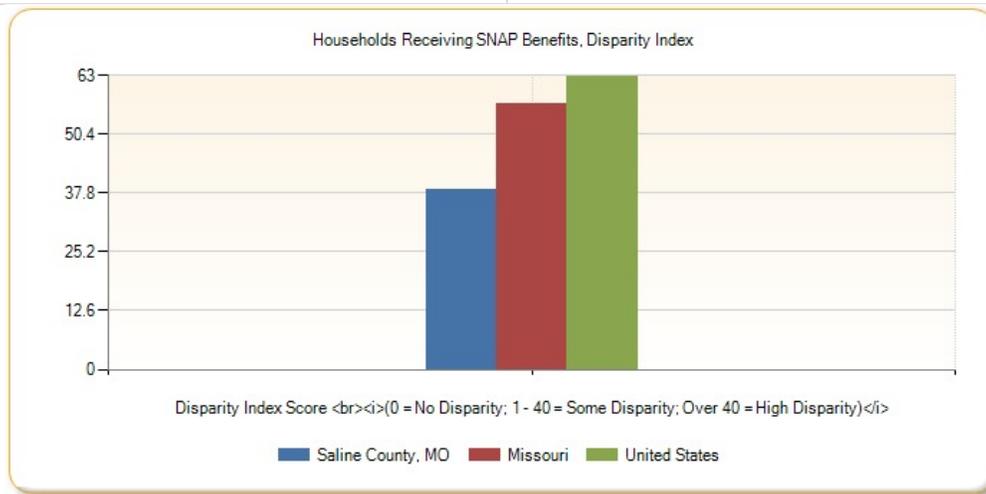
Report Area	Non-Hispanic White	Black	Asian	American Indian / Alaska Native	Other Race	Multiple Race	Hispanic / Latino
Saline County, MO	12.77%	33.61%	0%	0%	5.96%	28.28%	12.88%
Missouri	10.77%	31.6%	6.69%	26.91%	21.33%	25.75%	19.36%
United States	7.99%	28.07%	7.42%	26.45%	24.04%	20.23%	22.24%

Saline County, MO	1,016	120	0	0	18	56	67
Missouri	215,979	82,359	2,173	2,649	3,735	8,521	11,667
United States	7,220,308	3,941,154	363,838	217,730	930,205	418,413	3,124,598



Households Receiving SNAP Benefits, Disparity Index

Report Area	Disparity Index Score (0 = No Disparity; 1 - 40 = Some Disparity; Over 40 = High Disparity)
Saline County, MO	38.37
Missouri	56.93
United States	62.62



Population Receiving SNAP Benefits (SAIPE)

This indicator reports the average percentage of the population receiving the Supplemental Nutrition Assistance Program (SNAP) benefits between the months of July 2012 and July 2013. 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	Population Receiving SNAP Benefits	Percent Population Receiving SNAP Benefits
Saline County, MO	21,815	3,607	16.5%
Missouri	5,878,342	879,118	15%
United States	295,309,825	46,732,618	15.8%

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [Small Area Income & Poverty Estimates](#), 2013. Source geography: County

Percent Population Receiving SNAP Benefits



- Saline County, MO (16.5%)
- Missouri (15%)
- United States (15.8%)

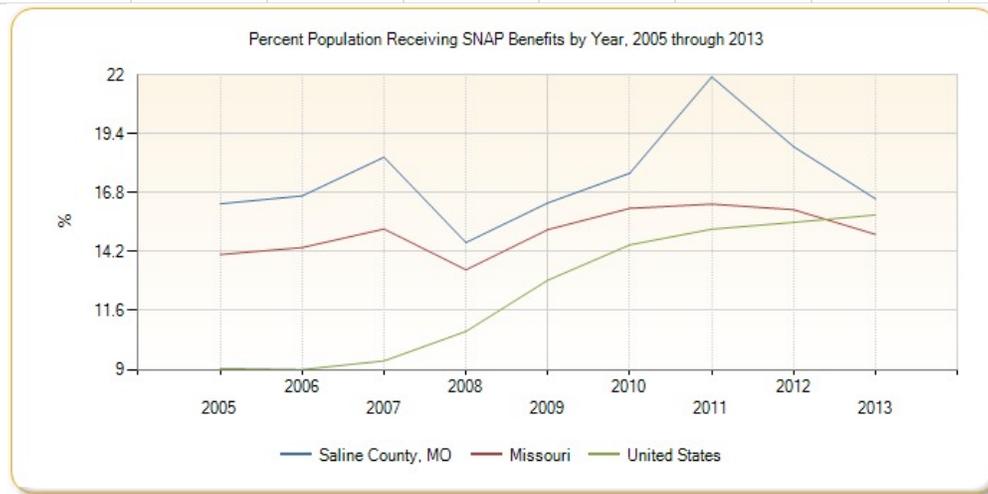


Population Receiving SNAP Benefits, Percent by County, SAIPE 2013

- Over 22.0%
- 14.1 - 22.0%
- 6.1 - 14.0%
- Under 6.1%
- No Data or Data Suppressed
- Report Area

Percent Population Receiving SNAP Benefits by Year, 2005 through 2013

Report Area	2005	2006	2007	2008	2009	2010	2011	2012	2013
Saline County, MO	16.31%	16.66%	18.37%	14.6%	16.35%	17.66%	21.91%	18.83%	16.53%
Missouri	14.07%	14.38%	15.2%	13.4%	15.17%	16.11%	16.3%	16.05%	14.96%
United States	9.05%	9%	9.38%	10.68%	12.94%	14.5%	15.19%	15.49%	15.82%



Population with Associate's Level Degree or Higher

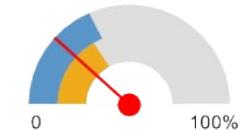
23.61% of the population aged 25 and older, or 3,602 have obtained an Associate's level degree or higher. This indicator is relevant because educational attainment has been linked to positive health outcomes.

Report Area	Total Population Age 25	Population Age 25 with Associate's Degree or Higher	Percent Population Age 25 with Associate's Degree or Higher
Saline County, MO	15,256	3,602	23.61%
Missouri	4,028,930	1,364,979	33.88%
United States	209,056,128	77,786,232	37.21%

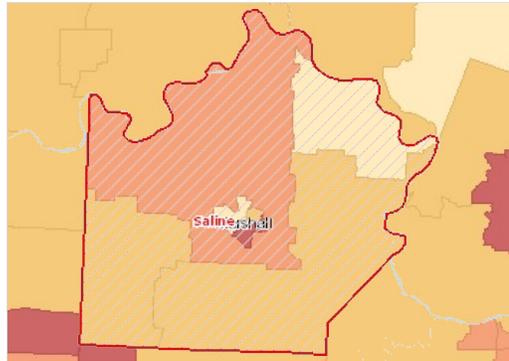
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

Percent Population Age 25 with Associate's Degree or Higher



- Saline County, MO (23.61%)
- Missouri (33.88%)
- United States (37.21%)



Population with an Associate Level Degree or Higher, Percent by Tract, ACS 2010-14

- Over 32.0%
- 26.1 - 32.0%
- 20.1 - 26.0%
- Under 20.1%
- No Data or Data Suppressed
- Report Area

Population with No High School Diploma

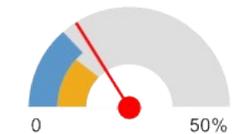
Within the report area there are 2,458 persons aged 25 and older without a high school diploma (or equivalency) or higher. This represents 16.11% of the total population aged 25 and older. This indicator is relevant because educational attainment is linked to positive health outcomes ([Freudenberg & Ruglis, 2007](#)).

Report Area	Total Population Age 25	Population Age 25 with No High School Diploma	Percent Population Age 25 with No High School Diploma
Saline County, MO	15,256	2,458	16.11%
Missouri	4,028,930	482,740	11.98%
United States	209,056,128	28,587,748	13.67%

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract

Percent Population Age 25 with No High School Diploma



- Saline County, MO (16.11%)
- Missouri (11.98%)
- United States (13.67%)

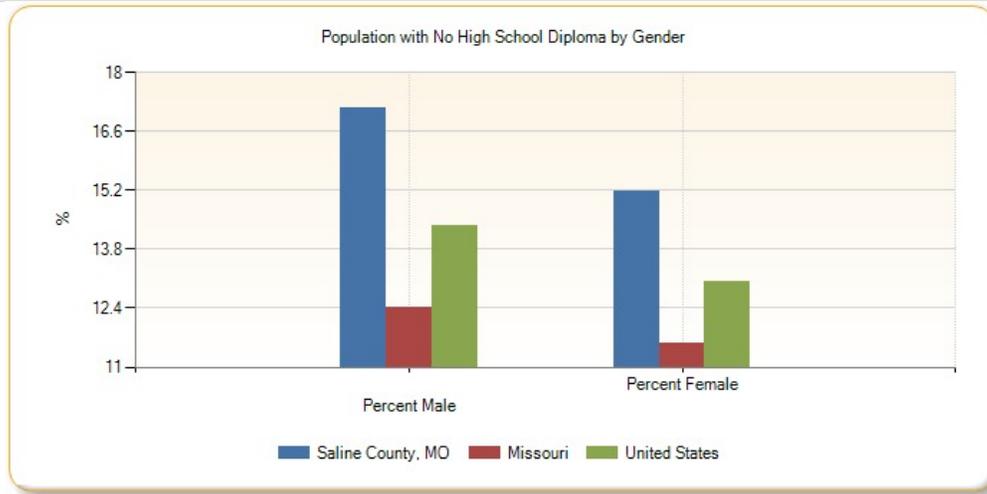


Population with No High School Diploma (Age 25), Percent by Tract, ACS 2010-14

- Over 21.0%
- 16.1 - 21.0%
- 11.1 - 16.0%
- Under 11.1%
- No Data or Data Suppressed
- Report Area

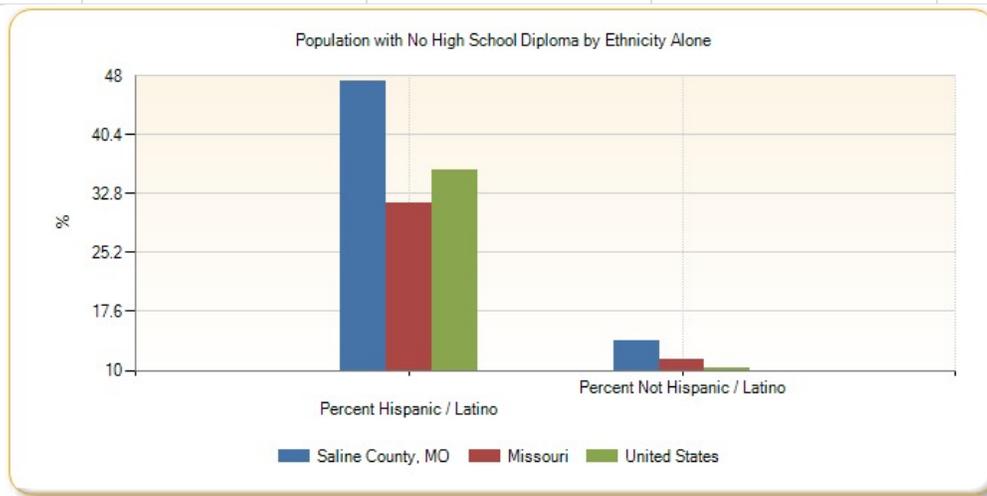
Population with No High School Diploma by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	1,259	1,199	17.14%	15.16%
Missouri	240,473	242,267	12.43%	11.57%
United States	14,483,210	14,104,538	14.37%	13.03%



Population with No High School Diploma by Ethnicity Alone

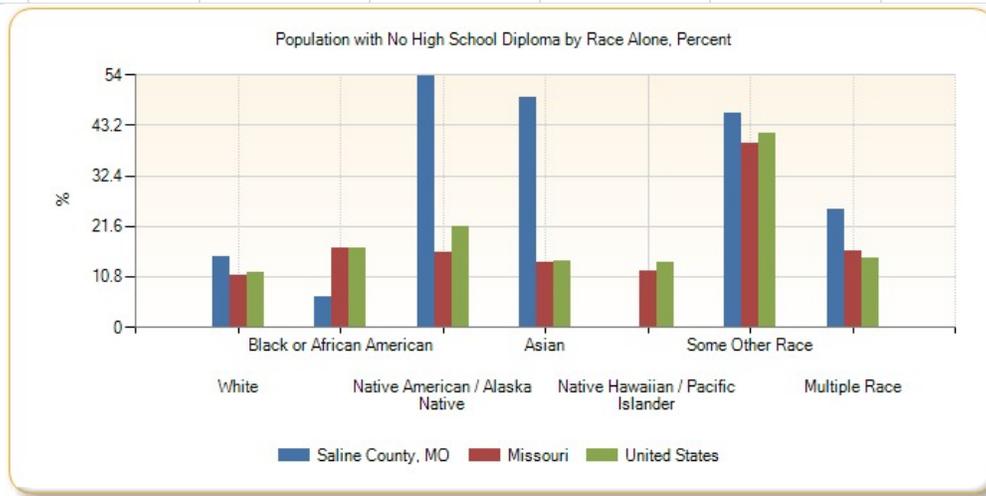
Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	486	1,972	47.37%	13.86%
Missouri	35,559	447,181	31.51%	11.42%
United States	10,436,617	18,151,132	35.89%	10.09%



Population with No High School Diploma by Race Alone, Percent

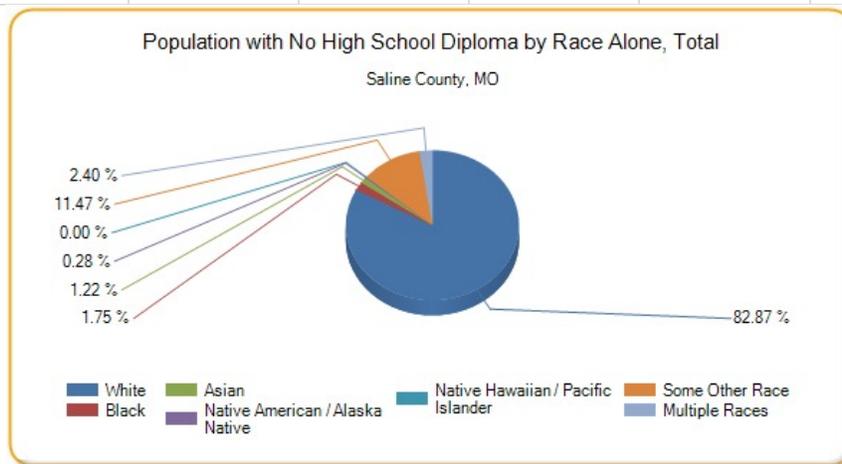
Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	15.01%	6.62%	53.85%	49.18%	0%	45.85%	25.32%
Missouri	11%	16.9%	16.02%	13.78%	12.05%	39.23%	16.43%

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
United States	11.63%	16.83%	21.41%	14.24%	13.95%	41.51%	14.65%



Population with No High School Diploma by Race Alone, Total

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Saline County, MO	2,037	43	30	7	0	282	59
Missouri	377,911	70,460	9,102	2,643	410	13,019	9,195
United States	18,623,964	4,089,870	1,535,940	328,479	44,296	3,421,304	543,894

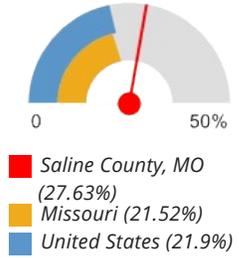


Poverty - Children Below 100% FPL

In the report area 27.63% or 1,420 children aged 0-17 are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

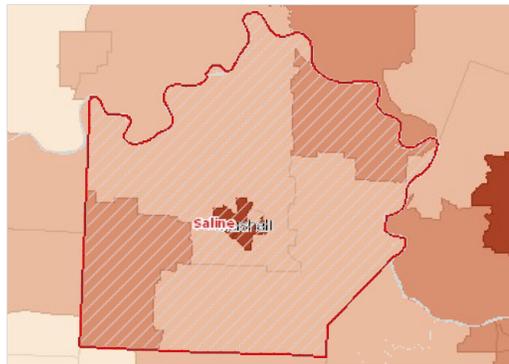
Report Area	Total Population	Population Under Age 18	Population Under Age 18 in Poverty	Percent Population Under Age 18 in Poverty
Saline County, MO	21,955	5,140	1,420	27.63%
Missouri	5,847,086	1,377,163	296,365	21.52%
United States	306,226,400	72,637,888	15,907,395	21.9%

Percent Population Under Age 18 in Poverty

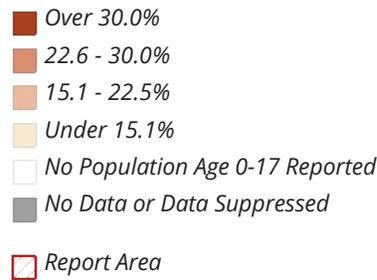


Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

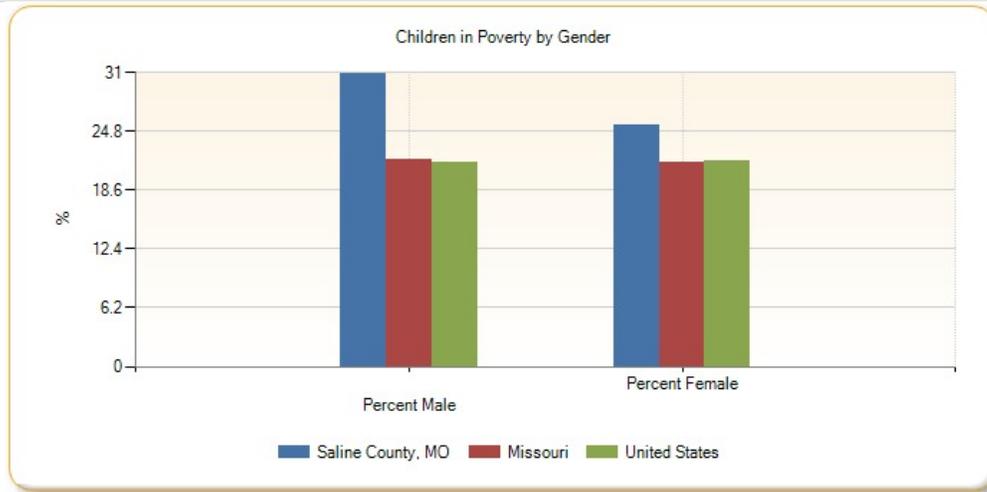


Population Below the Poverty Level, Children (Age 0-17), Percent by Tract, ACS 2010-14



Children in Poverty by Gender

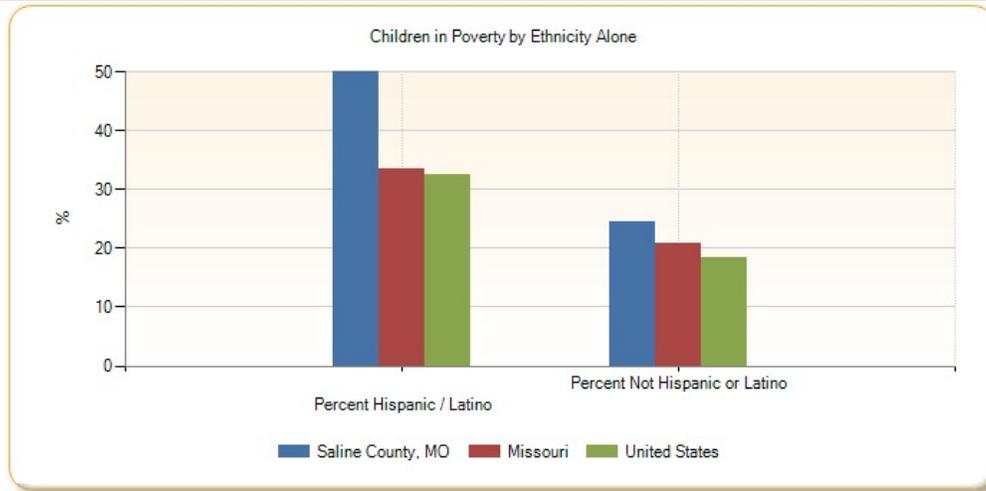
Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	841	601	30.84%	25.46%
Missouri	153,860	145,425	21.76%	21.49%
United States	7,974,714	7,727,085	21.45%	21.72%



Children in Poverty by Ethnicity Alone

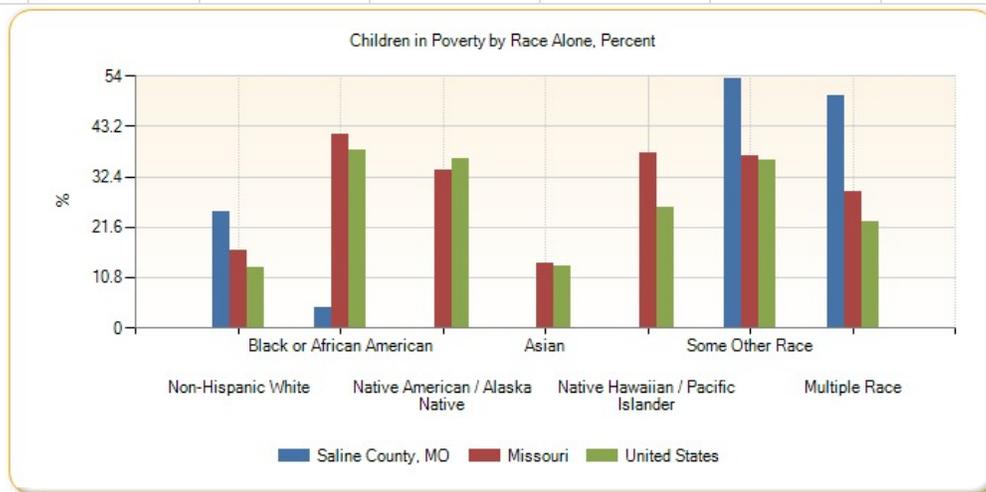
Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic or Latino
Saline County, MO	385	1,057	49.94%	24.48%
Missouri	27,213	272,072	33.55%	20.89%

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic or Latino
United States	5,526,724	10,175,075	32.39%	18.27%



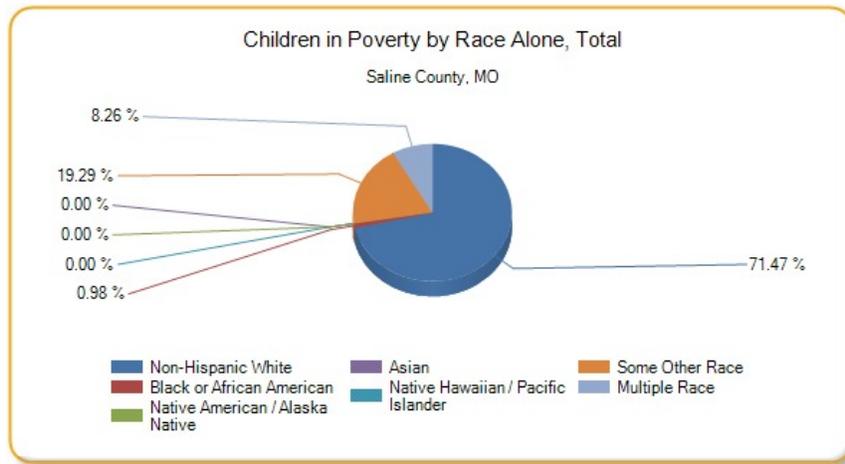
Children in Poverty by Race Alone, Percent

Report Area	Non-Hispanic White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	25.01%	4.39%	0%	0%	no data	53.32%	49.77%
Missouri	16.7%	41.58%	33.86%	13.73%	37.62%	36.89%	29.09%
United States	12.96%	38.18%	36.27%	13.14%	25.94%	35.8%	22.63%



Children in Poverty by Race Alone, Total

Report Area	Non-Hispanic White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	952	13	0	0	0	257	110
Missouri	171,755	78,248	1,529	2,973	772	8,455	19,348
United States	5,009,222	3,970,271	256,730	428,212	37,447	1,646,077	918,295

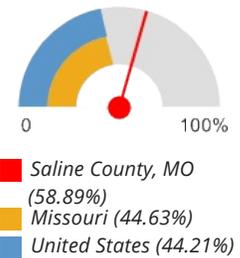


Poverty - Children Below 200% FPL

In the report area 58.89% or 3,027 children 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.

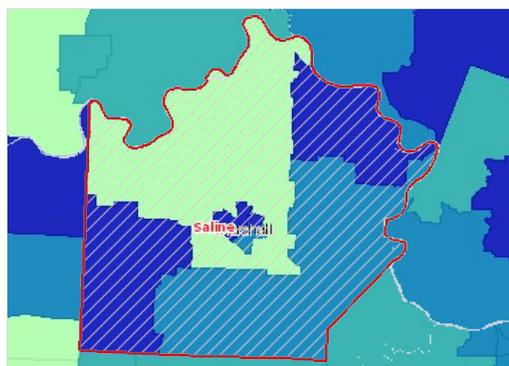
Report Area	Total Population Under Age 18	Population Under Age 18 at or Below 200% FPL	Percent Population Under Age 18 at or Below 200% FPL
Saline County, MO	5,140	3,027	58.89%
Missouri	1,377,163	614,606	44.63%
United States	72,637,888	32,116,426	44.21%

Percent Population Under Age 18 at or Below 200% FPL



Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract



Population Below 200% Poverty Level, Children (Age 0-17), Percent by Tract, ACS 2010-14

- Over 56.0%
- 47.1 - 56.0%
- 38.1 - 47.0%
- Under 38.1%
- No Population Age 0-17 Reported
- No Data or Data Suppressed
- Report Area

Poverty - Population Below 100% FPL

Poverty is considered a key driver of health status.

Within the report area 19.11% or 4,195 individuals are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population in Poverty	Percent Population in Poverty
Saline County, MO	21,955	4,195	19.11%
Missouri	5,847,086	912,291	15.6%
United States	306,226,400	47,755,608	15.59%

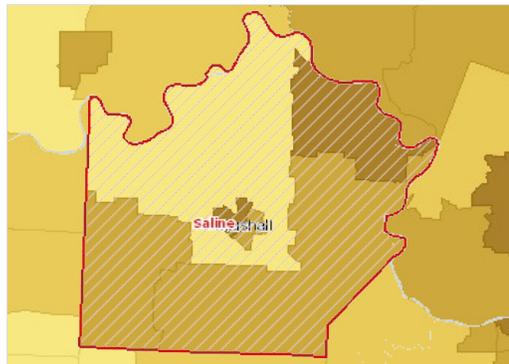
Percent Population in Poverty



- Saline County, MO (19.11%)
- Missouri (15.6%)
- United States (15.59%)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

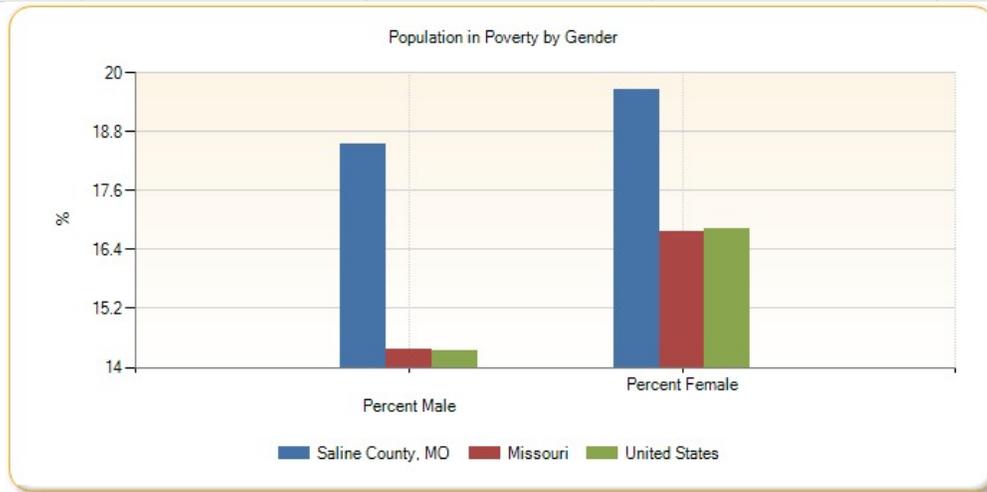


Population Below the Poverty Level, Percent by Tract, ACS 2010-14

- Over 20.0%
- 15.1 - 20.0%
- 10.1 - 15.0%
- Under 10.1%
- No Data or Data Suppressed
- Report Area

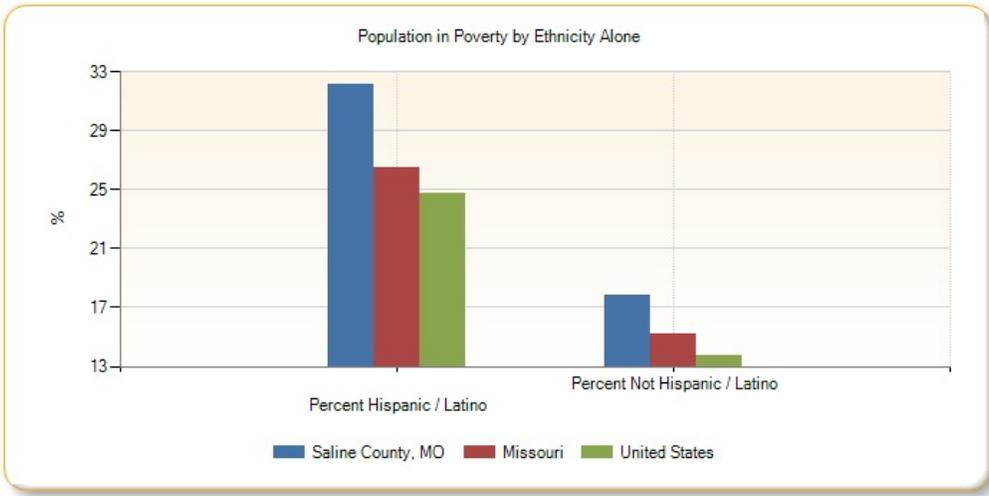
Population in Poverty by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Saline County, MO	2,018	2,177	18.54%	19.66%
Missouri	409,687	502,604	14.37%	16.77%
United States	21,461,752	26,293,856	14.33%	16.81%



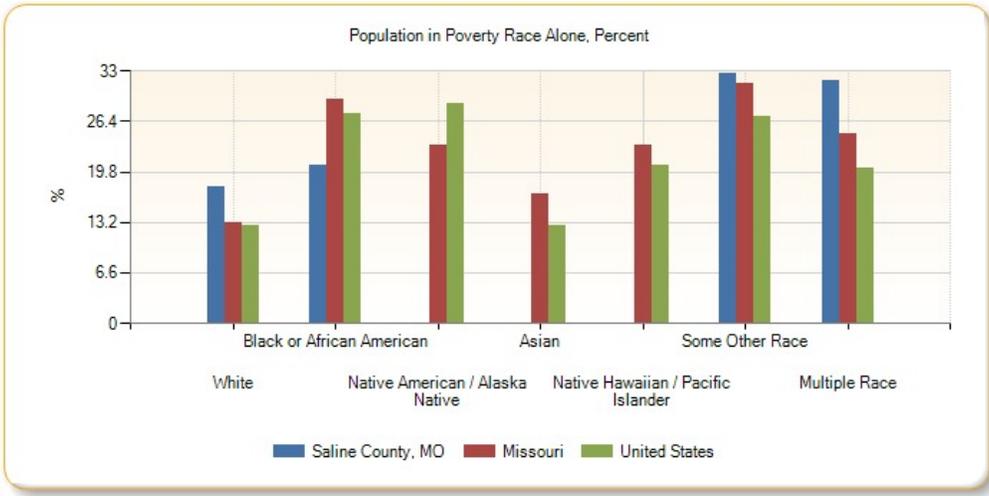
Population in Poverty by Ethnicity Alone

Report Area	Total Hispanic / Latino	Total Not Hispanic / Latino	Percent Hispanic / Latino	Percent Not Hispanic / Latino
Saline County, MO	649	3,546	32.14%	17.79%
Missouri	58,056	854,235	26.5%	15.18%
United States	12,880,559	34,875,048	24.77%	13.72%



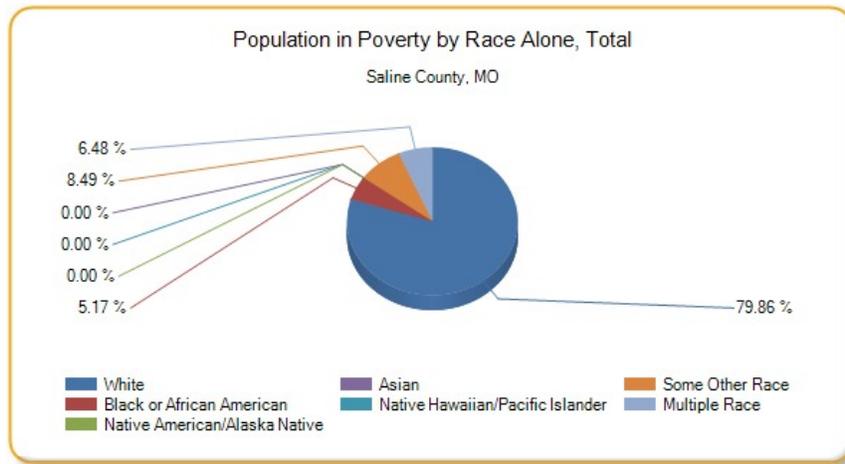
Population in Poverty Race Alone, Percent

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	17.87%	20.67%	0%	0%	0%	32.75%	31.7%
Missouri	13.2%	29.29%	23.35%	16.97%	23.24%	31.42%	24.76%
United States	12.76%	27.33%	28.79%	12.7%	20.73%	27.09%	20.33%



Population in Poverty by Race Alone, Total

Report Area	White	Black or African American	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Saline County, MO	3,350	217	0	0	0	356	272
Missouri	641,027	194,121	5,428	16,639	1,326	19,578	34,172
United States	28,912,690	10,351,976	714,053	1,957,794	107,874	3,914,622	1,796,597

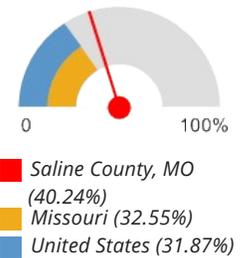


Poverty - Population Below 185% FPL

In the report area 40.24% or 8,834 individuals 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.

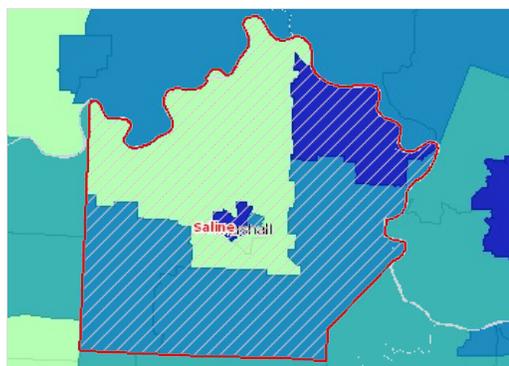
Report Area	Total Population	Population with Income at or Below 185% FPL	Percent Population with Income at or Below 185% FPL
Saline County, MO	21,955	8,834	40.24%
Missouri	5,847,086	1,903,457	32.55%
United States	306,226,400	97,583,176	31.87%

Percent Population with Income at or Below 185% FPL



Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract



Population Below 185% Poverty Level, Percent by Tract, ACS 2010-14

- Over 43.0%
- 35.1 - 43.0%
- 27.1 - 35.0%
- Under 27.1%
- No Data or Data Suppressed
- Report Area

Poverty - Population Below 200% FPL

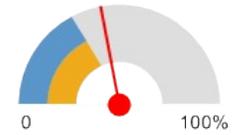
In the report area 44.22% or 9,709 individuals are living in households with income below 200% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population with Income at or Below 200% FPL	Percent Population with Income at or Below 200% FPL
Saline County, MO	21,955	9,709	44.22%
Missouri	5,847,086	2,073,938	35.47%
United States	306,226,400	105,773,408	34.54%

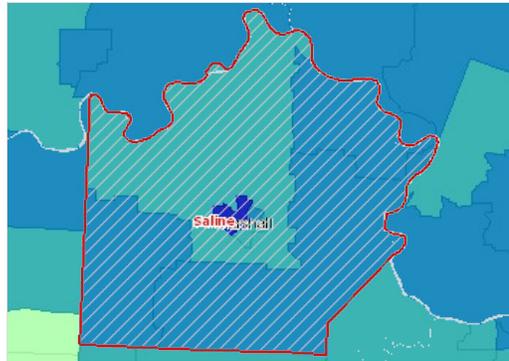
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

Percent Population with Income at or Below 200% FPL



- Saline County, MO (44.22%)
- Missouri (35.47%)
- United States (34.54%)



Population Below 200% Poverty Level, Percent by Tract, ACS 2010-14

- Over 50.0%
- 38.1 - 50.0%
- 26.1 - 38.0%
- Under 26.1%
- No Data or Data Suppressed
- Report Area

Poverty - Population Below 50% FPL

In the report area 7.29% or 1,601 individuals 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.

Report Area	Total Population	Population with Income at or Below 50% FPL	Percent Population with Income at or Below 50% FPL
Saline County, MO	21,955	1,601	7.29%
Missouri	5,847,086	398,192	6.81%
United States	306,226,400	21,117,986	6.9%

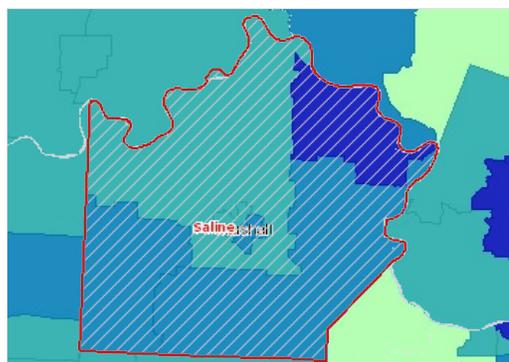
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

Percent Population with Income at or Below 50% FPL



- Saline County, MO (7.29%)
- Missouri (6.81%)
- United States (6.9%)



Population Below 50% Poverty Level, Percent by Tract, ACS 2010-14

- Over 9.0%
- 6.1 - 9.0%
- 3.1 - 6.0%
- Under 3.1%
- No Data or Data Suppressed
- Report Area

Teen Births

This indicator reports the rate of total births to women age of 15 - 19 per 1,000 female population age 15 - 19. This indicator is relevant because in many cases, teen parents have unique social, economic, and health support services. Additionally, high rates of teen pregnancy may indicate the prevalence of unsafe sex practices.

Report Area	Female Population Age 15 - 19	Births to Mothers Age 15 - 19	Teen Birth Rate (Per 1,000 Population)
Saline County, MO	912	42	45.9
Missouri	206,847	8,170	39.5
United States	10,736,677	392,962	36.6

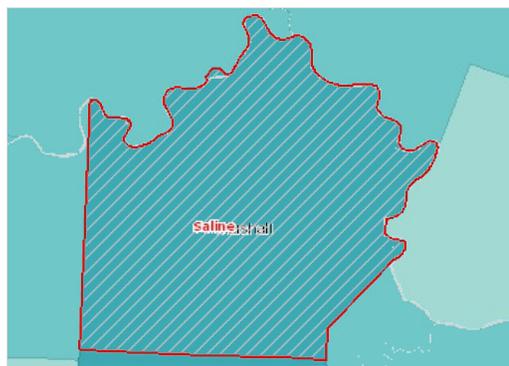
Teen Birth Rate (Per 1,000 Population)



- Saline County, MO (45.9)
- Missouri (39.5)
- United States (36.6)

Note: This indicator is compared with the state average.

Data Source: US Department of Health & Human Services, [Health Indicators Warehouse](#). Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2006-12. Source geography: County

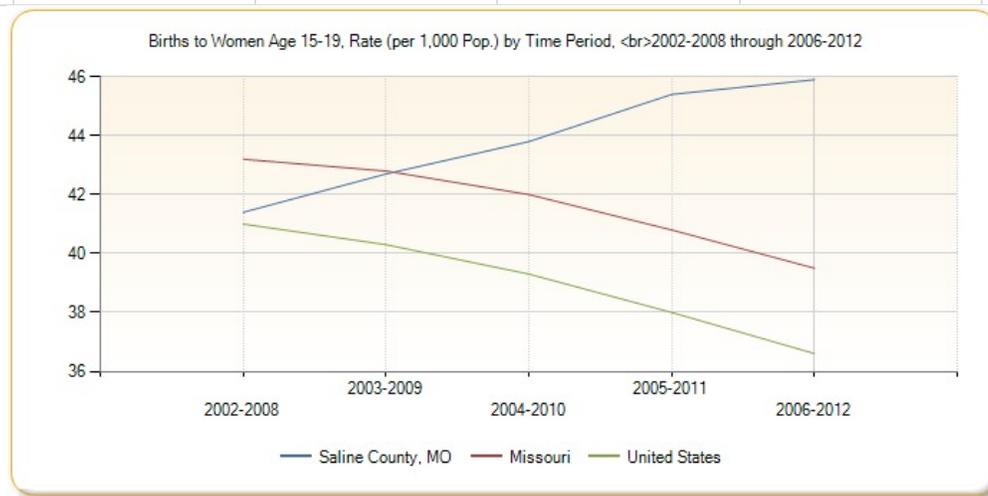


Births to Females Age 15-19, Rate (Per 1,000 Pop.) by County, NVSS 2006-12

- Over 60.0
- 45.1 - 60.0
- 30.1 - 45.0
- Under 30.1
- No Data or Data Suppressed
- Report Area

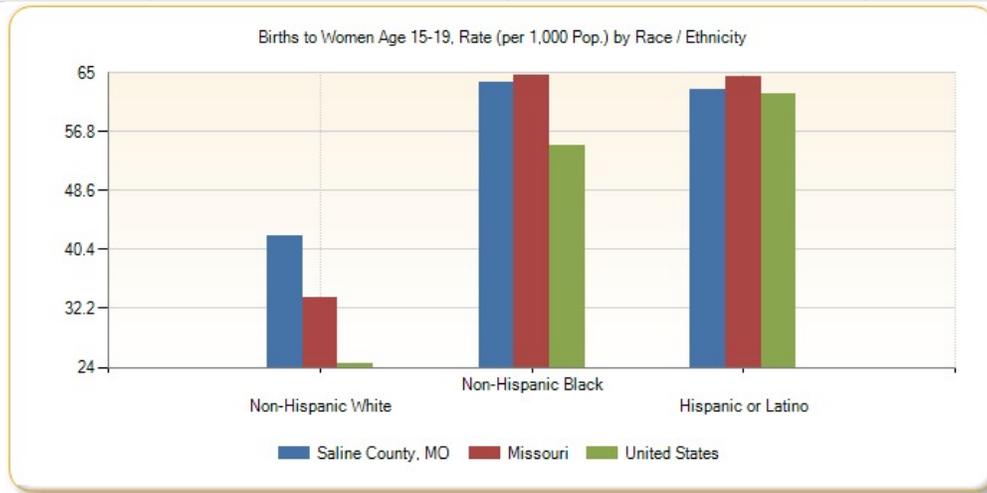
Births to Women Age 15-19, Rate (per 1,000 Pop.) by Time Period, 2002-2008 through 2006-2012

Report Area	2002-2008	2003-2009	2004-2010	2005-2011	2006-2012
Saline County, MO	41.4	42.7	43.8	45.4	45.9
Missouri	43.2	42.8	42	40.8	39.5
United States	41	40.3	39.3	38	36.6



Births to Women Age 15-19, Rate (per 1,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic or Latino
Saline County, MO	42.3	63.7	62.6
Missouri	33.6	64.6	64.5
United States	24.6	54.9	62



Unemployment Rate

Total unemployment in the report area for the current month was 569, or 5% of the civilian non-institutionalized population age 16 and older (non-seasonally adjusted). This indicator is relevant because unemployment creates financial instability and barriers to access including insurance coverage, health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Saline County, MO	11,344	10,775	569	5
Missouri	3,142,110	2,985,362	156,748	5
United States	159,420,992	151,069,285	8,351,707	5.2

Unemployment Rate



- Saline County, MO (5)
- Missouri (5)
- United States (5.2)

Note: This indicator is compared with the state average.

Data Source: US Department of Labor, [Bureau of Labor Statistics](http://www.bls.gov). 2016 - February. Source geography: County



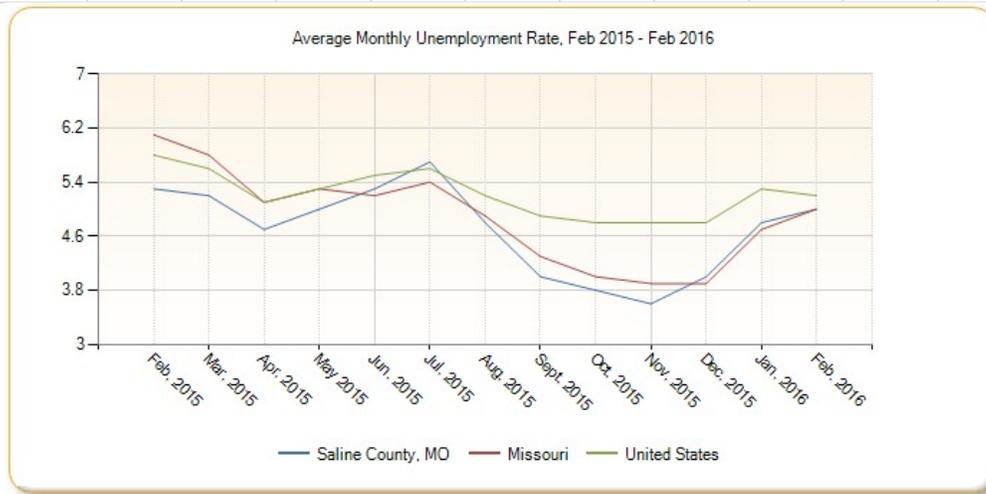
Unemployment, Rate by County, BLS 2016 - February

- Over 12.0%
- 9.1 - 12.0%
- 6.1 - 9.0%
- 3.1 - 6.0%
- Under 3.1%
- Report Area

Average Monthly Unemployment Rate, Feb 2015 - Feb 2016

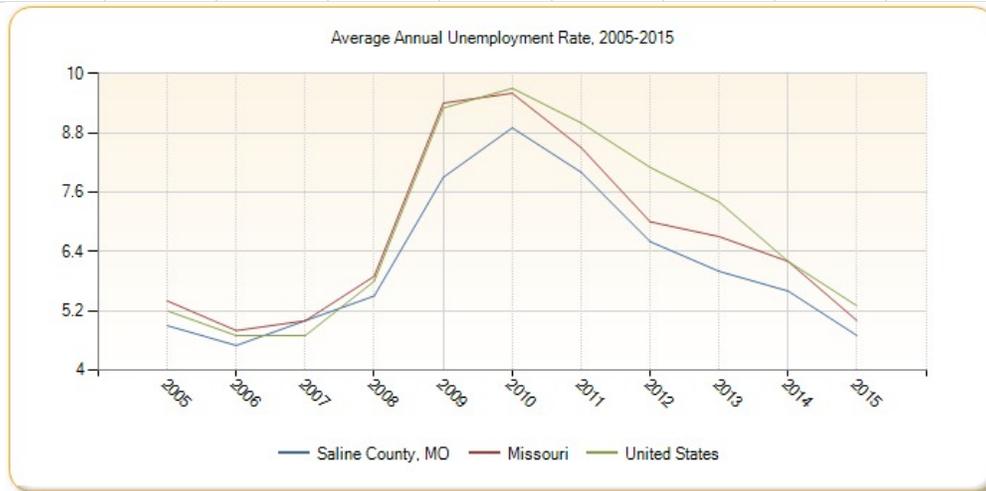
Report Area	Feb. 2015	Mar. 2015	Apr. 2015	May 2015	Jun. 2015	Jul. 2015	Aug. 2015	Sept. 2015	Oct. 2015	Nov. 2015	Dec. 2015	Jan. 2016	Feb. 2016
Saline County, MO	5.3	5.2	4.7	5	5.3	5.7	4.8	4	3.8	3.6	4	4.8	5

Report Area	Feb. 2015	Mar. 2015	Apr. 2015	May 2015	Jun. 2015	Jul. 2015	Aug. 2015	Sept. 2015	Oct. 2015	Nov. 2015	Dec. 2015	Jan. 2016	Feb. 2016
Missouri	6.1	5.8	5.1	5.3	5.2	5.4	4.9	4.3	4	3.9	3.9	4.7	5
United States	5.8	5.6	5.1	5.3	5.5	5.6	5.2	4.9	4.8	4.8	4.8	5.3	5.2



Average Annual Unemployment Rate, 2005-2015

Report Area	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Saline County, MO	4.9	4.5	5	5.5	7.9	8.9	8	6.6	6	5.6	4.7
Missouri	5.4	4.8	5	5.9	9.4	9.6	8.5	7	6.7	6.2	5
United States	5.2	4.7	4.7	5.8	9.3	9.7	9	8.1	7.4	6.2	5.3

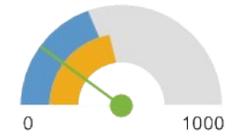


Violent Crime

This indicator reports the rate of violent crime offenses reported by law enforcement per 100,000 residents. Violent crime includes homicide, rape, robbery, and aggravated assault. This indicator is relevant because it assesses community safety.

Report Area	Total Population	Violent Crimes	Violent Crime Rate (Per 100,000 Pop.)
Saline County, MO	23,504	47	201.4
Missouri	6,002,985	27,141	452.2
United States	306,859,354	1,213,859	395.5

Violent Crime Rate (Per 100,000 Pop.)



- Saline County, MO (201.4)
- Missouri (452.2)
- United States (395.5)

Note: This indicator is compared with the state average.

Data Source: Federal Bureau of Investigation, [FBI Uniform Crime Reports](#). Additional analysis by the [National Archive of Criminal Justice Data](#). Accessed via the [Inter-university Consortium for Political and Social Research](#). 2010-12. Source geography: County



Violent Crimes, All, Rate (Per 100,000 Pop.) by County, FBI UCR 2010-12

- Over 300.0
- 150.1 - 300.0
- 50.1 - 150.0
- Under 50.1
- No Violent Crime
- No Data or Data Suppressed
- Report Area

Physical Environment

A community's health also is affected by the physical environment. A safe, clean environment that provides access to healthy food and recreational opportunities is important to maintaining and improving community health.

Air Quality - Ozone

Within the report area, 4.5, or 1.22% of days exceeded the emission standard of 75 parts per billion (ppb). This indicator reports the percentage of days per year with Ozone (O3) levels above the National Ambient Air Quality Standard of 75 parts per billion (ppb). Figures are calculated using data collected by monitoring stations and modeled to include census tracts where no monitoring stations exist. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health.

Report Area	Total Population	Average Daily Ambient Ozone Concentration	Number of Days Exceeding Emissions Standards	Percentage of Days Exceeding Standards, Crude Average	Percentage of Days Exceeding Standards, Pop. Adjusted Average
Saline County, MO	23,370	42.69	4.5	1.23%	1.22%
Missouri	5,988,927	42.45	10.46	2.87%	2.87%
United States	312,471,327	38.95	4.46	1.22%	1.24%

Percentage of Days Exceeding Standards, Pop. Adjusted Average

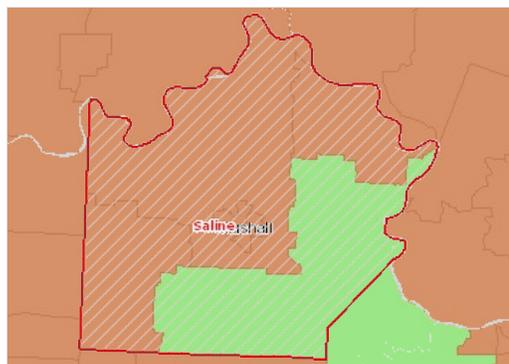


- Saline County, MO (1.22%)
- Missouri (2.87%)
- United States (1.24%)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Environmental Public Health Tracking Network](#), 2012.

Source geography: Tract

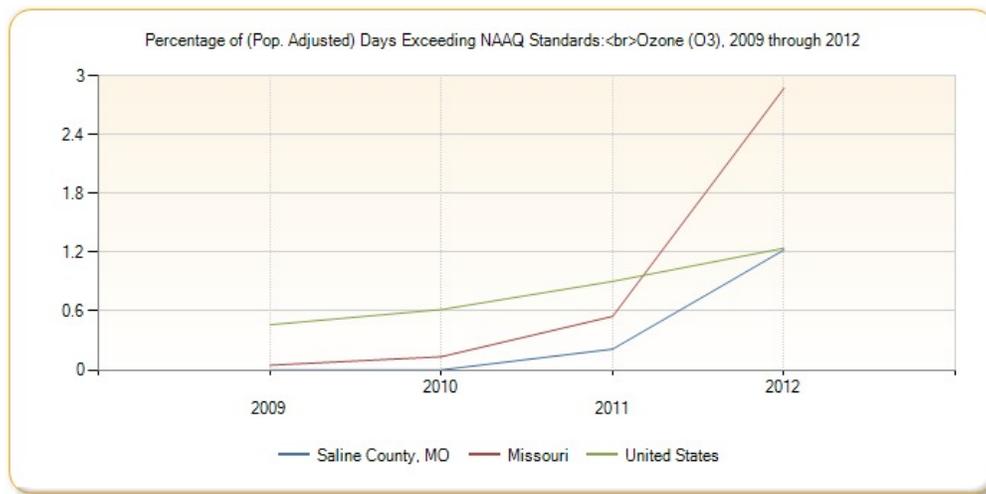


Ozone Levels (O3), Percentage of Days Above NAAQ Standards by Tract, NEPHTN 2012

- Over 3.0%
- 1.1 - 3.0%
- 0.51 - 1.0%
- Under - 0.51%
- No Days Above NAAQS Standards
- No Data or Data Suppressed
- Report Area

Percentage of (Pop. Adjusted) Days Exceeding NAAQ Standards: Ozone (O3), 2009 through 2012

Report Area	2009	2010	2011	2012
Saline County, MO	0	0	0.21	1.22
Missouri	0.05	0.13	0.55	2.87
United States	0.46	0.62	0.90	1.24



Air Quality - Particulate Matter 2.5

This indicator reports the percentage of days with particulate matter 2.5 levels above the National Ambient Air Quality Standard (35 micrograms per cubic meter) per year, calculated using data collected by monitoring stations and modeled to include counties where no monitoring stations occur. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health.

Report Area	Total Population	Average Daily Ambient Particulate Matter 2.5	Number of Days Exceeding Emissions Standards	Percentage of Days Exceeding Standards, Crude Average	Percentage of Days Exceeding Standards, Pop. Adjusted Average
Saline County, MO	23,370	9.26	0	0	0%
Missouri	5,988,927	10.20	0	0	0%
United States	312,471,327	9.10	0.35	0.10	0.10%

Percentage of Days Exceeding Standards, Pop. Adjusted Average



- Saline County, MO (0%)
- Missouri (0%)
- United States (0.10%)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Environmental Public Health Tracking Network](#), 2012.

Source geography: Tract

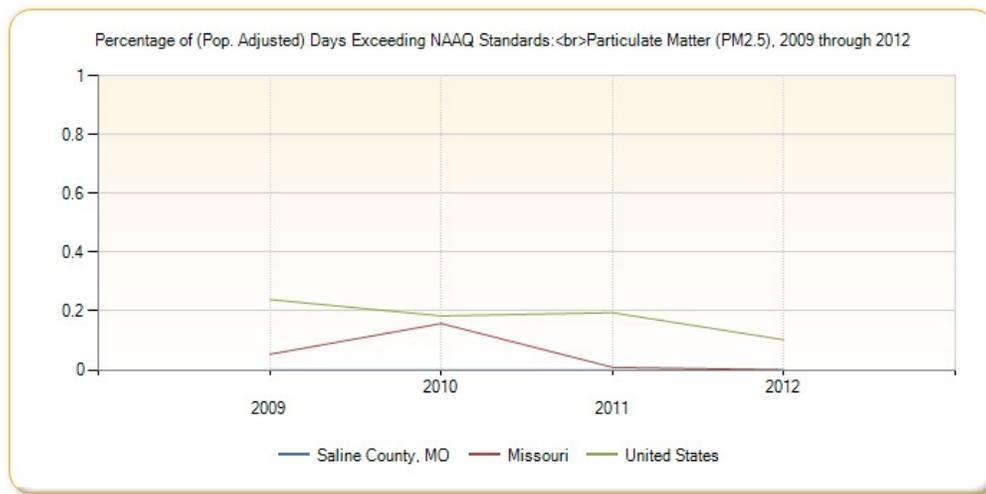


Fine Particulate Matter Levels (PM 2.5), Percentage of Days Above NAAQ Standards by Tract, NEPHTN 2012

- Over 5.0%
- 1.1 - 5.0%
- 0.51 - 1.0%
- Under 0.51%
- No Days Above NAAQS Standards
- No Data or Data Suppressed
- Report Area

Percentage of (Pop. Adjusted) Days Exceeding NAAQ Standards: Particulate Matter (PM2.5), 2009 through 2012

Report Area	2009	2010	2011	2012
Saline County, MO	0	0	0	0
Missouri	0.05	0.16	0.01	0
United States	0.24	0.18	0.19	0.10



Climate & Health - Drought Severity

This indicator reports the population-weighted percentage of weeks in drought between January 1, 2012 and December 31, 2014.

Report Area	Percentage of Weeks in D0 (Abnormally Dry)	Percentage of Weeks in D1 (Moderate Drought)	Percentage of Weeks in D2 (Severe Drought)	Percentage of Weeks in D3 (Extreme Drought)	Percentage of Weeks in D4 (Exceptional Drought)	Percentage of Weeks in Drought (Any)
Saline County, MO	25.17%	19.36%	7.35%	2.55%	1.91%	56.34%
Missouri	21.93%	14.83%	8.81%	3.97%	0.86%	50.39%
United States	16.96%	12.59%	8.84%	4.92%	2.54%	45.85%

Percentage of Weeks in Drought (Any)



■ Saline County, MO (56.34%)
■ Missouri (50.39%)
■ United States (45.85%)

Note: This indicator is compared with the state average.

Data Source: [US Drought Monitor](#), 2012-14. Source geography: County



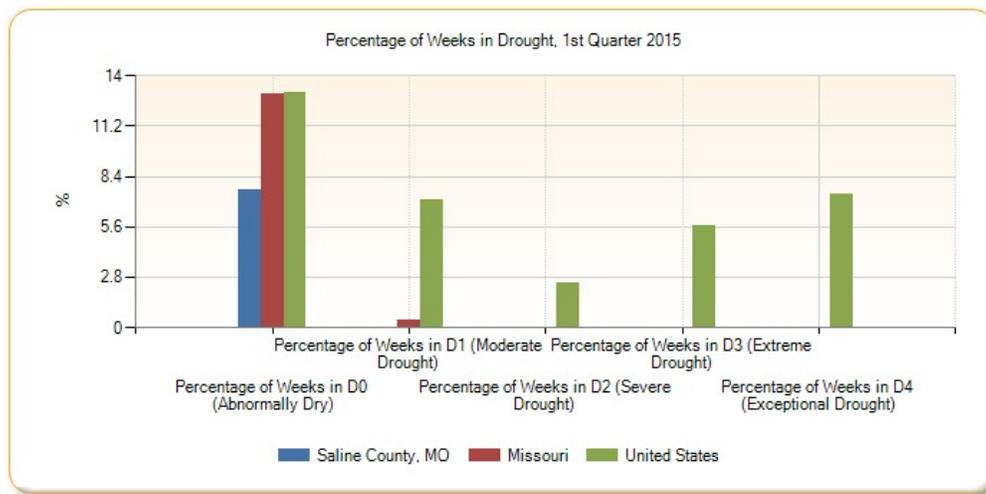
Drought - Weeks in Drought (Any), Percent by Tract, US Drought Monitor 2012-14

- All Weeks in Drought
- 80.1 - 99.9%
- 40.1 - 80.0%
- 20.1 - 40.0%
- 0.1 - 20.0%
- No Weeks in Drought
- Report Area

Percentage of Weeks in Drought, 1st Quarter 2015

Data reported is the population-weighted percentage of weeks in drought for the first quarter of 2015 (January 1, 2015 and March 31, 2015).

Report Area	Percentage of Weeks in D0 (Abnormally Dry)	Percentage of Weeks in D1 (Moderate Drought)	Percentage of Weeks in D2 (Severe Drought)	Percentage of Weeks in D3 (Extreme Drought)	Percentage of Weeks in D4 (Exceptional Drought)	Percentage of Weeks in Drought (Any)
Saline County, MO	7.69%	0%	0%	0%	0%	7.69%
Missouri	12.98%	0.41%	0%	0%	0%	13.39%
United States	13.03%	7.1%	2.47%	5.69%	7.42%	35.72%

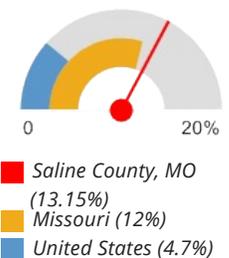


Climate & Health - High Heat Index Days

This indicator reports the percentage of recorded weather observations with heat index values over 103 degrees Fahrenheit. The "heat index" is a single value that takes both temperature and humidity into account. The higher the heat index, the hotter the weather feels, since sweat does not readily evaporate and cool the skin. The heat index is a better measure than air temperature alone for estimating the risk to workers from environmental heat sources.

Report Area	Total Weather Observations	Average Heat Index Value	Observations with High Heat Index Values	Observations with High Heat Index Values, Percentage
Saline County, MO	5,475	97.16	720	13.15%
Missouri	438,730	96.92	52,450	12%
United States	19,094,610	91.82	897,155	4.7%

Percentage of Weather Observations with High Heat Index Values: %



Note: This indicator is compared with the state average.

Data Source: National Oceanic and Atmospheric Administration, [North America Land Data Assimilation System \(NLDAS\)](#). Accessed via [CDC WONDER](#). Additional data analysis by [CARES](#). 2014. Source geography: County



High Heat Index Days, Percentage of Observations Over 103°F by County, NLDAS 2014

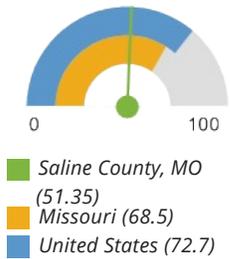
- Over 25.0%
- 15.1 - 25.0%
- 5.1 - 15.0%
- 0.1 - 5.0%
- None
- Report Area

Food Access - Fast Food Restaurants

This indicator reports the number of fast food restaurants per 100,000 population. Fast food restaurants are defined as limited-service establishments primarily engaged in providing food services (except snack and nonalcoholic beverage bars) where patrons generally order or select items and pay before eating. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.

Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Saline County, MO	23,370	12	51.35
Missouri	5,988,927	4,105	68.5
United States	312,732,537	227,486	72.7

Fast Food Restaurants, Rate (Per 100,000 Population)



Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [County Business Patterns](#). Additional data analysis by [CARES](#), 2013. Source geography: County

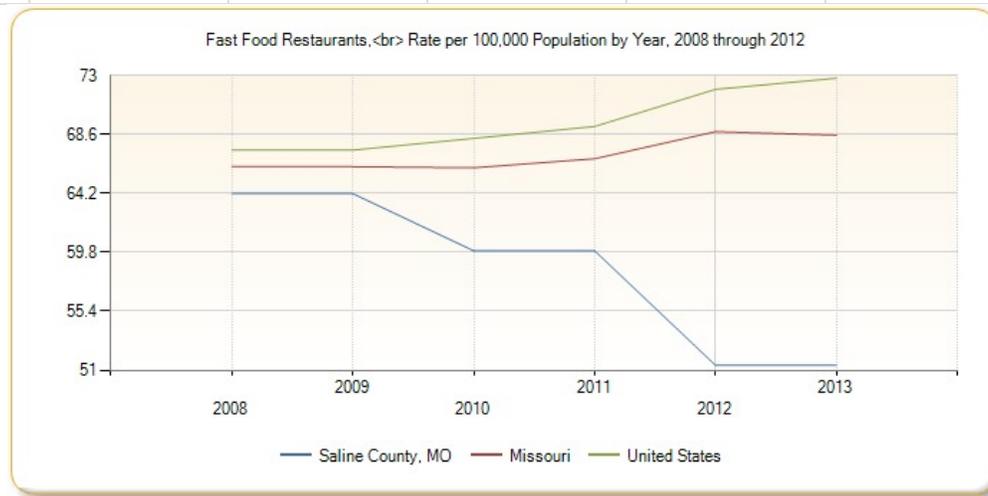


Fast Food Restaurants, Rate (Per 100,000 Pop.) by County, CBP 2013

- Over 100.0
- 75.1 - 100.0
- 50.1 - 75.0
- Under 50.1
- No Fast Food Restaurants
- Report Area

Fast Food Restaurants, Rate per 100,000 Population by Year, 2008 through 2012

Report Area	2008	2009	2010	2011	2012	2013
Saline County, MO	64.18	64.18	59.91	59.91	51.35	51.35
Missouri	66.22	66.19	66.11	66.79	68.81	68.54
United States	67.43	67.43	68.31	69.2	71.97	72.8



Food Access - Grocery Stores

This indicator reports the number of grocery stores per 100,000 population. Grocery stores are defined as supermarkets and smaller grocery stores primarily engaged in retailing a general line of food, such as canned and frozen foods; fresh fruits and vegetables; and fresh and prepared meats, fish, and poultry. Included are delicatessen-type establishments. Convenience stores and large general merchandise stores that also retail food, such as supercenters and warehouse club stores are excluded. This indicator is relevant because it provides a measure of

healthy food access and environmental influences on dietary behaviors.

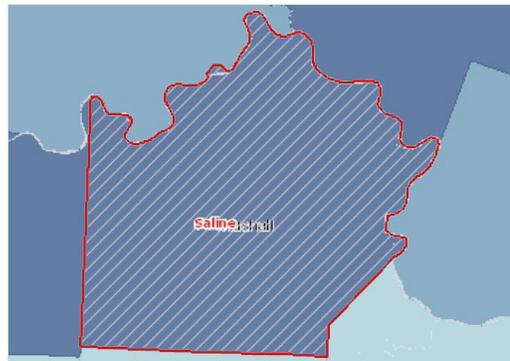
Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Saline County, MO	23,370	6	25.67
Missouri	5,988,927	1,092	18.2
United States	312,732,537	66,286	21.2

Grocery Stores, Rate (Per 100,000 Population)



Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [County Business Patterns](#). Additional data analysis by [CARES](#). 2013. Source geography: County

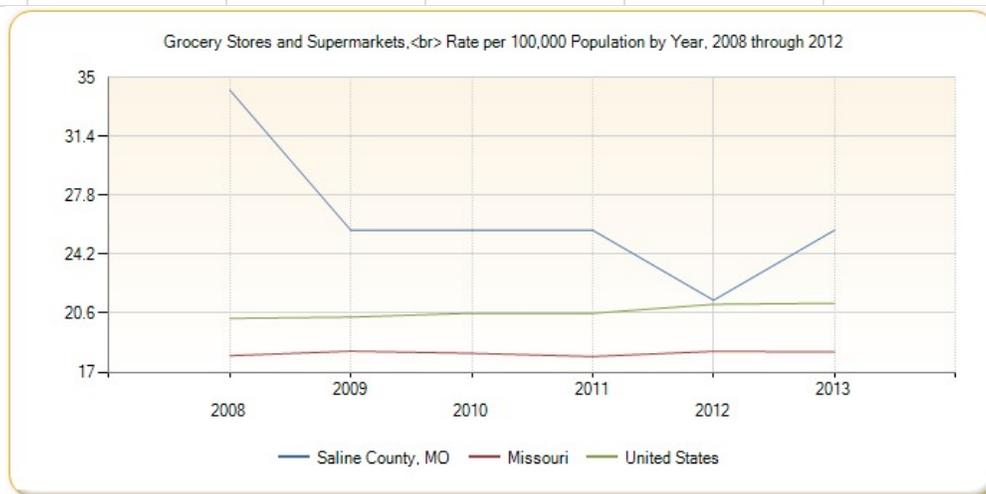


Grocery Stores and Supermarkets, Rate (Per 100,000 Pop.) by County, CBP 2013

- Over 35.0
- 25.1 - 35.0
- 15.1 - 25.0
- Under 15.1
- No Grocery Stores
- Report Area

Grocery Stores and Supermarkets, Rate per 100,000 Population by Year, 2008 through 2012

Report Area	2008	2009	2010	2011	2012	2013
Saline County, MO	34.23	25.67	25.67	25.67	21.39	25.67
Missouri	18	18.28	18.15	17.95	18.27	18.23
United States	20.28	20.36	20.6	20.59	21.14	21.21



Food Access - Low Food Access

This indicator reports the percentage of the population living in census tracts designated as food deserts. A food desert is defined as a low-income census tract (where a substantial number or share of residents has low access to a supermarket or large grocery store. This indicator is relevant because it highlights populations and geographies facing food insecurity.

Report Area	Total Population	Population with Low Food Access	Percent Population with Low Food Access
Saline County, MO	23,370	6,176	26.43%
Missouri	5,988,927	1,535,954	25.65%
United States	308,745,538	72,905,540	23.61%

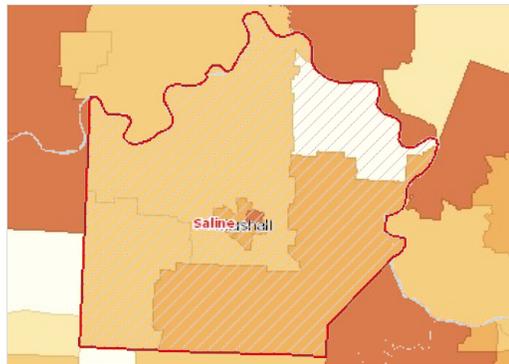
Note: This indicator is compared with the state average.

Data Source: US Department of Agriculture, Economic Research Service, [USDA - Food Access Research Atlas](#). 2010. Source geography: Tract

Percent Population with Low Food Access



- Saline County, MO (26.43%)
- Missouri (25.65%)
- United States (23.61%)



Population with Limited Food Access, Percent by Tract, FARA 2010

- Over 50.0%
- 20.1 - 50.0%
- 5.1 - 20.0%
- Under 5.1%
- No Low Food Access
- Report Area

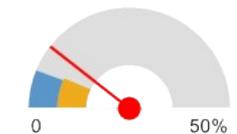
Food Access - Low Income & Low Food Access

Report Area	Total Population	Low Income Population with Low Food Access	Percent Low Income Population with Low Food Access
Saline County, MO	23,370	2,466	10.55%
Missouri	5,988,927	420,821	7.03%
United States	308,745,538	19,347,047	6.27%

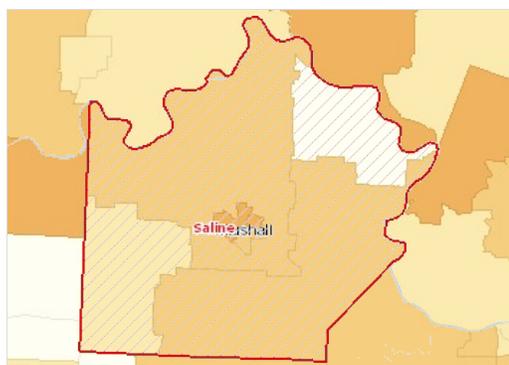
Note: This indicator is compared with the state average.

Data Source: US Department of Agriculture, Economic Research Service, [USDA - Food Access Research Atlas](#). 2010. Source geography: Tract

Percent Low Income Population with Low Food Access



- Saline County, MO (10.55%)
- Missouri (7.03%)
- United States (6.27%)



Population with Limited Food Access, Low Income, Percent by Tract, FARA 2010

- Over 50.0%
- 20.1 - 50.0%
- 5.1 - 20.0%
- Under 5.1%
- No Low Food Access
- Report Area

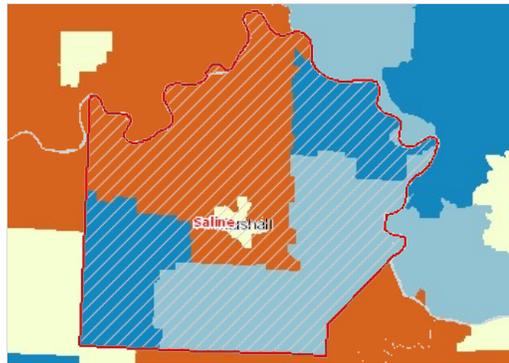
Food Access - Modified Retail Food Environment Index

This indicator reports the percentage of population living in census tracts with no or low access to healthy retail food stores. Figures are based on the CDC Modified Retail Food Environment Index. For this indicator, low food access tracts are considered those with index scores of 10.0 or

less.

Report Area	Total Population	Percent Population in Tracts with No Food Outlet	Percent Population in Tracts with No Healthy Food Outlet	Percent Population in Tracts with Low Healthy Food Access	Percent Population in Tracts with Moderate Healthy Food Access	Percent Population in Tracts with High Healthy Food Access
Saline County, MO	23,370	0%	23.38%	12.16%	42.22%	22.24%
Missouri	5,988,926	0.64%	21.82%	27.45%	45.26%	4.83%
United States	312,474,470	0.99%	18.63%	30.89%	43.28%	5.02%

Data Source: Centers for Disease Control and Prevention, [Division of Nutrition, Physical Activity, and Obesity](#). 2011. Source geography: Tract

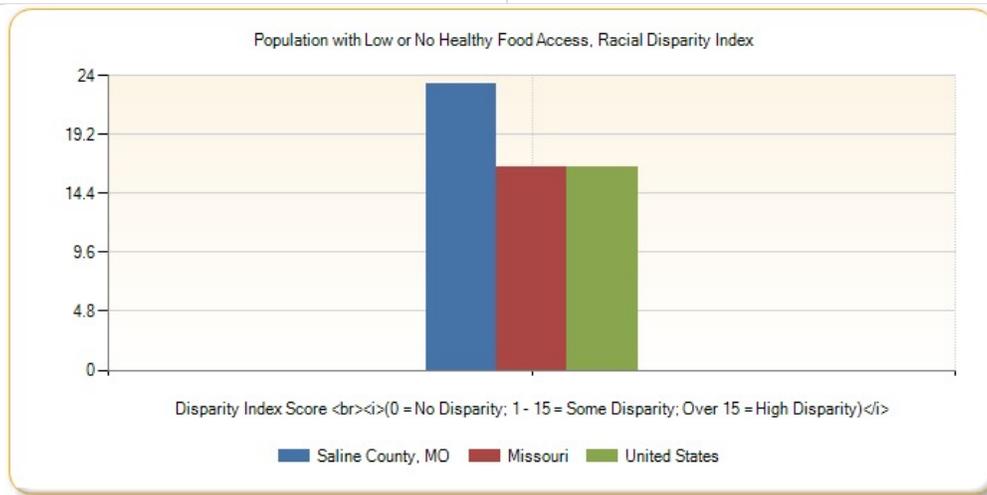


Modified Retail Food Environmental Index Score by Tract, DNPAO 2011

- Index Score Over 30 (High Access)
- Index Score 15 - 30 (Moderate Access)
- Index Score 5 - 15 (Low Access)
- Index Score Under 5 (Poor Access)
- No Healthy Retail Food Outlet (No Access)
- No Retail Food Outlets Present (Food Desert)
- Report Area

Population with Low or No Healthy Food Access, Racial Disparity Index

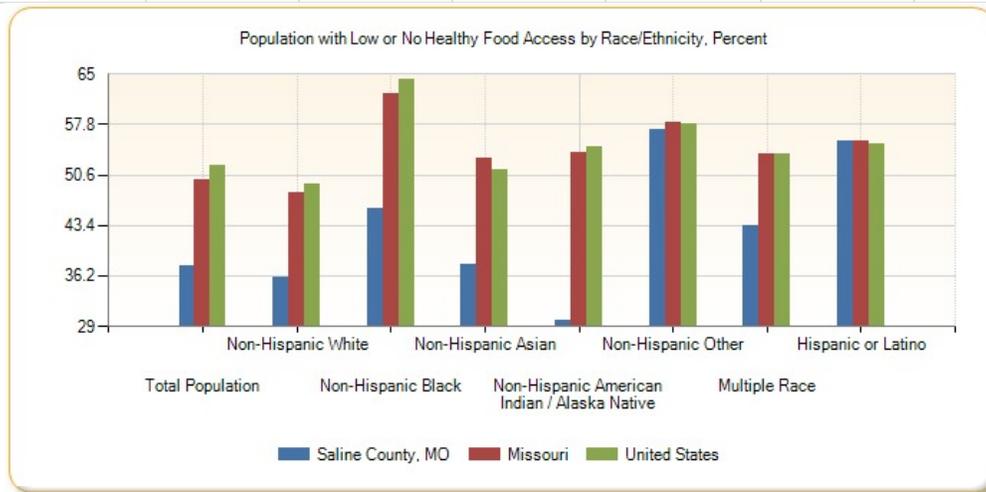
Report Area	Disparity Index Score (0 = No Disparity; 1 - 15 = Some Disparity; Over 15 = High Disparity)
Saline County, MO	23.30
Missouri	16.56
United States	16.59



Population with Low or No Healthy Food Access by Race/Ethnicity, Percent

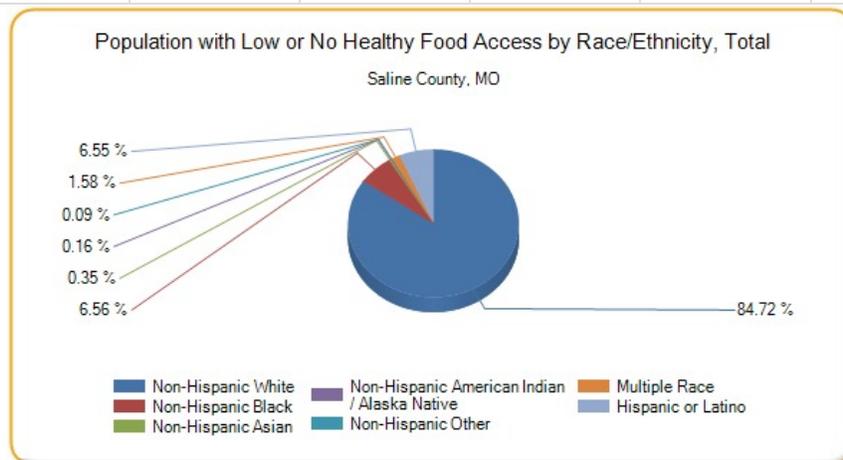
Report Area	Total Population	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Asian	Non-Hispanic American Indian / Alaska Native	Non-Hispanic Other	Multiple Race	Hispanic or Latino
Saline County, MO	23,370	75.2%	22.8%	1.8%	0.1%	0.1%	0.1%	0.0%
Missouri	5,988,926	75.2%	22.8%	1.8%	0.1%	0.1%	0.1%	0.0%
United States	312,474,470	75.2%	22.8%	1.8%	0.1%	0.1%	0.1%	0.0%

Saline County, MO	37.53	35.93%	45.9%	37.8%	29.79%	57.14%	43.34%	55.33%
Missouri	49.89	47.98%	62.17%	52.99%	53.76%	58.08%	53.66%	55.41%
United States	52.02	49.33%	64.15%	51.26%	54.56%	57.92%	53.64%	54.98%



Population with Low or No Healthy Food Access by Race/Ethnicity, Total

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Asian	Non-Hispanic American Indian / Alaska Native	Non-Hispanic Other	Multiple Race	Hispanic or Latino
Saline County, MO	7,518	582	31	14	8	140	581
Missouri	2,248,581	388,999	32,348	12,526	3,073	38,587	65,711
United States	95,978,903	21,776,320	5,189,224	1,128,698	270,921	2,468,453	19,410,660



Food Access - SNAP-Authorized Food Stores

This indicator reports the number of SNAP-authorized food stores as a rate per 100,000 population. SNAP-authorized stores include grocery stores as well as supercenters, specialty food stores, and convenience stores that are authorized to accept SNAP (Supplemental Nutrition Assistance Program) benefits.

Report Area	Total Population	Total SNAP-Authorized Retailers	SNAP-Authorized Retailers, Rate per 10,000 Population
Saline County, MO	23,370	22	9.41
Missouri	5,988,927	4,866	8.12
United States	312,411,142	255,574	8.18

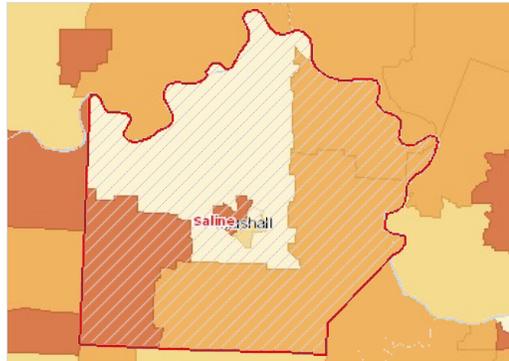
Note: This indicator is compared with the state average.

Data Source: US Department of Agriculture, Food and Nutrition Service, [USDA - SNAP Retailer Locator](#). Additional data analysis by [CARES](#), 2015. Source geography: Tract

SNAP-Authorized Retailers, Rate (Per 10,000 Population)



- Saline County, MO (9.41)
- Missouri (8.12)
- United States (8.18)



SNAP-Authorized Retailers, Rate per 10,000 Population by Tract, USDA 2015

- Over 12.0
- 6.1 - 12.0
- Under 6.0
- No SNAP-Authorized Retailers
- No Population or No Data
- Report Area

Food Access - WIC-Authorized Food Stores

This indicator reports the number of food stores and other retail establishments per 100,000 population that are authorized to accept WIC Program (Special Supplemental Nutrition Program for Women, Infants, and Children) benefits and that carry designated WIC foods and food categories. This indicator is relevant because it provides a measure of food security and healthy food access for women and children in poverty as well as environmental influences on dietary behaviors.

Report Area	Total Population (2011 Estimate)	Number WIC-Authorized Food Stores	WIC-Authorized Food Store Rate (Per 100,000 Pop.)
Saline County, MO	23,280	4	17.2
Missouri	6,036,320	722	11.9
United States	318,921,538	50,042	15.6

Note: This indicator is compared with the state average.

Data Source: US Department of Agriculture, Economic Research Service, [USDA - Food Environment Atlas](#), 2011. Source geography: County

WIC-Authorized Food Stores, Rate (Per 100,000 Population)



- Saline County, MO (17.2)
- Missouri (11.9)
- United States (15.6)



WIC-Authorized Stores, Rate (Per 100,000 Pop.) by County, FEA 2011

- Over 30.0
- 15.1 - 30.0
- Under 15.1
- No WIC-Authorized Retailers
- No Data or Data Suppressed
- Report Area

Housing - Assisted Housing

This indicator reports the total number of HUD-funded assisted housing units available to eligible renters as well as the unit rate (per 10,000 total households).

Report Area	Total Housing Units (2010)	Total HUD-Assisted Housing Units	HUD-Assisted Units, Rate per 10,000 Housing Units
Saline County, MO	10,117	508	502.13
Missouri	2,712,729	91,557	337.51
United States	133,341,676	5,038,578	377.87

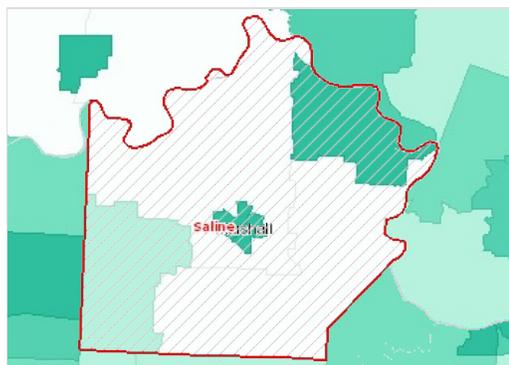
HUD-Assisted Units, Rate per 10,000 Housing Units



- Saline County, MO (502.13)
- Missouri (337.51)
- United States (377.87)

Note: This indicator is compared with the state average.

Data Source: [US Department of Housing and Urban Development](#). 2015. Source geography: County

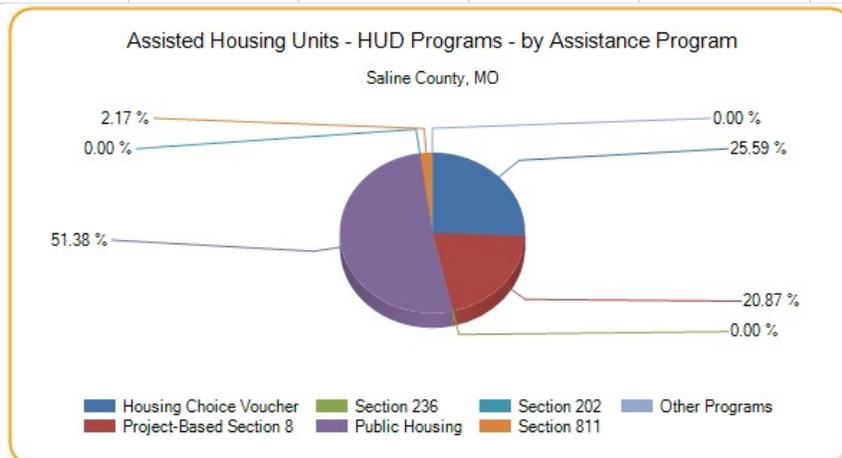


Assisted Housing Units, All by Tract, HUD 2015

- Over 60
- 31 - 60
- 11 - 30
- 1 - 10
- No Units
- Report Area

Assisted Housing Units - HUD Programs - by Assistance Program

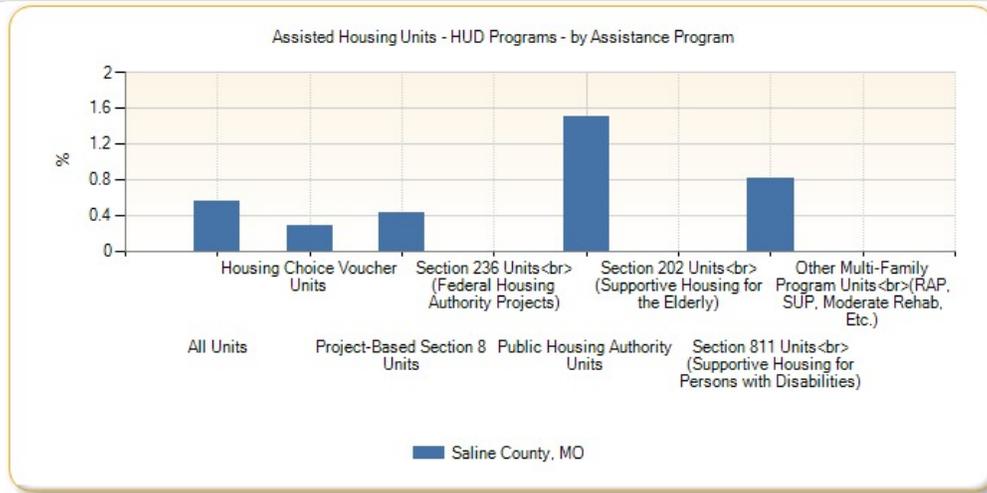
Report Area	Housing Choice Voucher Units	Project-Based Section 8 Units	Section 236 Units (Federal Housing Authority Projects)	Public Housing Authority Units	Section 202 Units (Supportive Housing for the Elderly)	Section 811 Units (Supportive Housing for Persons with Disabilities)	Other Multi-Family Program Units (RAP, SUP, Moderate Rehab, Etc.)
Saline County, MO	130	106	0	261	0	11	0
Missouri	44,256	24,989	516	17,416	3,011	1,335	34
United States	2,447,016	1,231,377	45,514	1,119,864	123,980	34,299	36,527



Assisted Housing Units - HUD Programs - by Assistance Program

This indicator reports the number of assisted units in each program type as a proportion of the total state share.

Report Area	All Units	Housing Choice Voucher Units	Project-Based Section 8 Units	Section 236 Units (Federal Housing Authority Projects)	Public Housing Authority Units	Section 202 Units (Supportive Housing for the Elderly)	Section 811 Units (Supportive Housing for Persons with Disabilities)	Other Multi-Family Program Units (RAP, SUP, Moderate Rehab, Etc.)
Saline County, MO	0.55%	0.29%	0.42%	0%	1.50%	0%	0.82%	0%

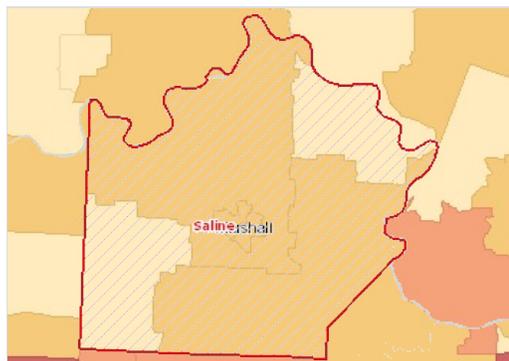


Housing - Housing Unit Age

This indicator reports, for a given geographic area, the median year in which all housing units (vacant and occupied) were first constructed. The year the structure was built provides information on the age of housing units. These data help identify new housing construction and measures the disappearance of old housing from the inventory, when used in combination with data from previous years. This data also serves to aid in the development of formulas to determine substandard housing and provide assistance in forecasting future services, such as energy consumption and fire protection.

Report Area	Total Housing Units	Median Year Structures Built
Saline County, MO	10,099	1968
Missouri	2,723,417	1975
United States	132,741,032	1976

Data Source: US Census Bureau, [American Community Survey](#). 2010-14. Source geography: Tract



Median Year Structure Built by Tract, ACS 2010-14

- Newer than 1985
- 1976 - 1985
- 1966 - 1975
- Older than 1966
- No Data or Data Suppressed
- Report Area

All Housing Units by Age (Time Period Constructed), Total

Report Area	Before 1960	1960-1979	1980-1999	2000-2010	After 2010
Saline County, MO	4,013	3,228	1,926	895	37
Missouri	829,197	752,304	727,511	389,742	24,663
United States	39,159,200	35,604,808	36,858,340	19,803,260	1,315,426

All Housing Units by Age (Time Period Constructed), Percentage

Report Area	Before 1960	1960-1979	1980-1999	2000-2010	After 2010
Saline County, MO	39.74%	31.96%	19.07%	8.86%	0.37%
Missouri	30.45%	27.62%	26.71%	14.31%	0.91%
United States	29.5%	26.82%	27.77%	14.92%	0.99%

Owner-Occupied Housing Units by Age, Total

Report Area	Before 1960	1960-1979	1980-1999	2000-2010	After 2010
Saline County, MO	2,377	1,904	1,050	640	12
Missouri	457,869	428,011	453,239	250,362	14,801
United States	21,316,312	19,173,980	21,485,178	12,017,589	794,399

Owner-Occupied Housing Units by Age, Percentage

Report Area	Before 1960	1960-1979	1980-1999	2000-2010	After 2010
Saline County, MO	39.73%	31.82%	17.55%	10.7%	0.2%
Missouri	28.54%	26.68%	28.25%	15.61%	0.92%
United States	28.5%	25.64%	28.73%	16.07%	1.06%

Renter-Occupied Housing Units by Age, Total

Report Area	Before 1960	1960-1979	1980-1999	2000-2010	After 2010
Saline County, MO	977	954	710	226	15
Missouri	238,204	228,580	190,853	90,919	8,394
United States	12,699,918	12,060,585	10,917,600	5,273,658	471,871

Renter-Occupied Housing Units by Age, Percentage

Report Area	Before 1960	1960-1979	1980-1999	2000-2010	After 2010
Saline County, MO	33.9%	33.1%	24.64%	7.84%	0.52%
Missouri	31.47%	30.2%	25.21%	12.01%	1.11%
United States	30.66%	29.12%	26.36%	12.73%	1.14%

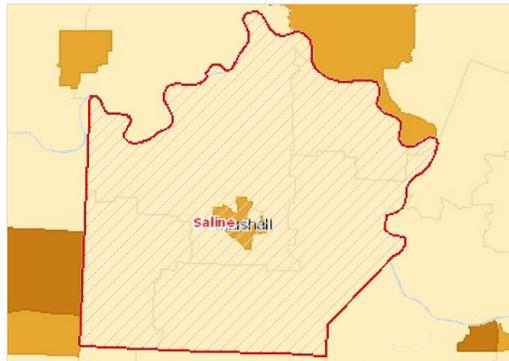
Housing - LIHTC

The Low Income Housing Tax Credit (LIHTC) program gives State and local LIHTC-allocating agencies the equivalent of nearly \$8 billion in annual budget authority to issue tax credits for the acquisition, rehabilitation, or new construction of rental housing targeted to lower-income households. This indicator reports the total number of housing units benefiting from Low Income Housing Tax Credits.

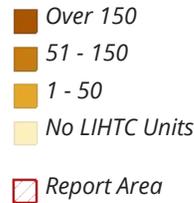
Report Area	LIHTC Properties	LIHTC Units
Saline County, MO	3	90

Report Area	LIHTC Properties	LIHTC Units
Missouri	1,400	53,357
United States	35,399	2,358,947

Data Source: [US Department of Housing and Urban Development](#). 2013. Source geography: County



Low Income Housing Tax Credit (LIHTC) Units, Total by Tract, HUD 2013

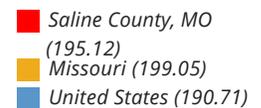


Housing - Mortgage Lending

Lending institutions must report all loans for home purchases, home improvements, and mortgage refinancing based on the Home Mortgage Disclosure Act (HMDA) of 1975. This indicator displays information derived from the 2014 HMDA loan-level data files.

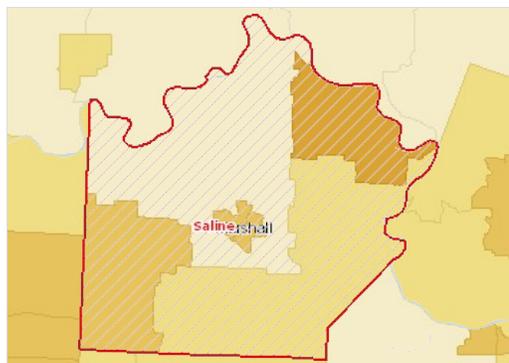
Report Area	Total Population (2010)	Number of Home Loans Originated	Loans Originations, Approval Rate	Loan Originations, Rate per 100,000 Population
Saline County, MO	23,370	456	62.13%	195.12
Missouri	5,988,927	119,207	52.31%	199.05
United States	312,470,869	5,959,108	51.57%	190.71

Home Loan Origination Rate



Note: This indicator is compared with the state average.

Data Source: Federal Financial Institutions Examination Council, [Home Mortgage Disclosure Act](#). Additional data analysis by [CARES](#). 2014.



All Home Loan Originations, Rate per 10,000 Population by Tract, HMDA 2014

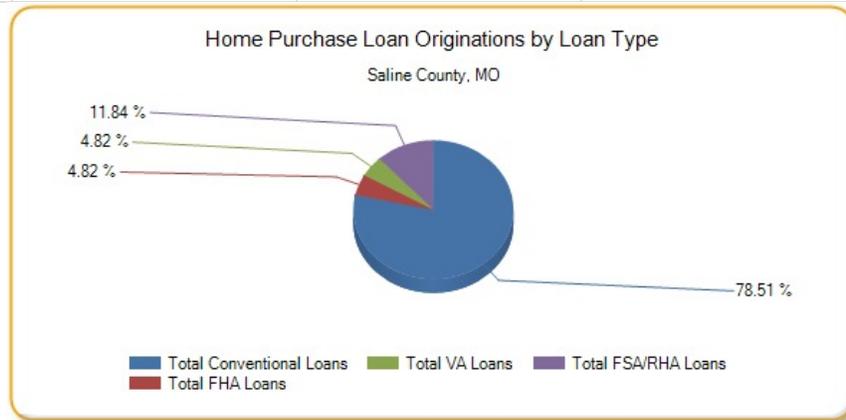


Home Purchase Loan Originations by Loan Type

This indicator reports the total number of home purchase loan originations by loan type. Types reported in the HMDA flat files include: Loans insured by the Federal Housing Administration (FHA loans); Loans insured by the Veterans Administration (VA loans); Farm Service Agency / Rural Housing Service loans (FHS/RHS); and Conventional loans (any loan other than FHA, VA, FSA, or RHS).

Report Area	Total Conventional Loans	Total FHA Loans	Total VA Loans	Total FSA/RHA Loans
Saline County, MO	358	22	22	54
Missouri	88,449	16,568	9,124	5,066

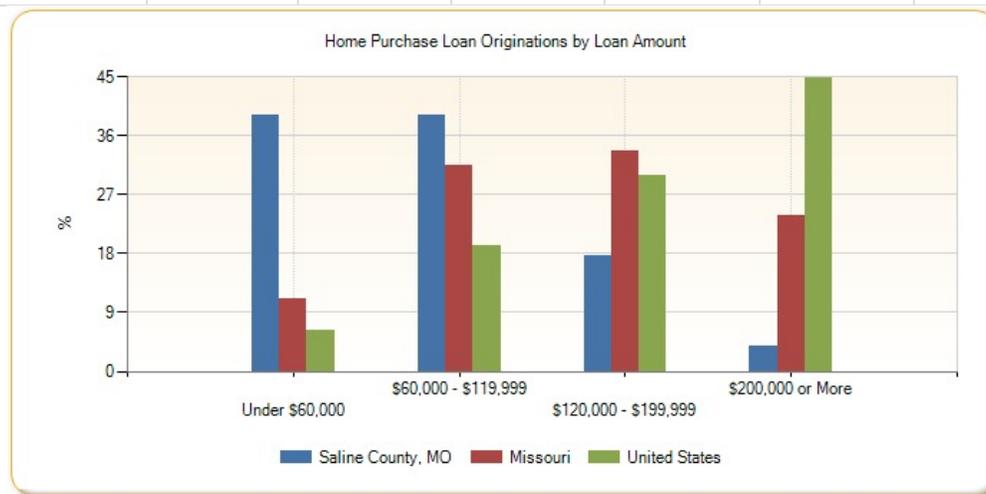
Report Area	Total Conventional Loans	Total FHA Loans	Total VA Loans	Total FSA/RHA Loans
United States	4,544,119	787,974	491,987	135,028



Home Purchase Loan Originations by Loan Amount

This indicator reports the total number and percentage of home purchase loan originations, grouped by loan amount.

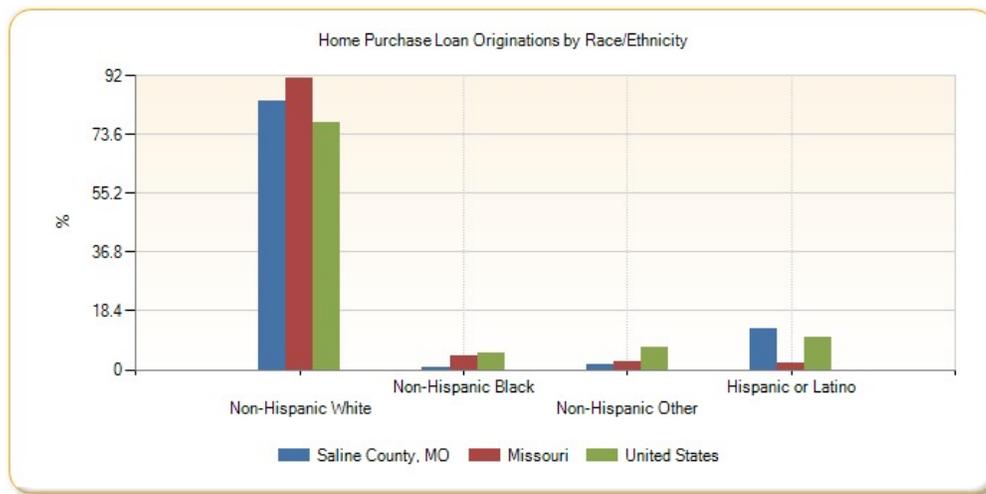
Report Area	Under \$60,000	Under \$60,000	\$60,000 - \$119,999	\$60,000 - \$119,999	\$120,000 - \$199,999	\$120,000 - \$199,999	\$200,000 or More	\$200,000 or More
Saline County, MO	80	39.22%	80	39.22%	36	17.65%	8	3.92%
Missouri	7,279	11.14%	20,584	31.49%	21,968	33.61%	15,535	23.77%
United States	203,473	6.28%	618,748	19.1%	966,072	29.82%	1,451,453	44.8%



Home Purchase Loan Originations by Race/Ethnicity

This indicator reports the total number and percentage of home purchase loan originations, grouped by the primary applicant's race and ethnicity. Co-applicant race and ethnicity is not considered.

Report Area	Non-Hispanic White	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Black	Non-Hispanic Other	Non-Hispanic Other	Hispanic or Latino	Hispanic or Latino
Saline County, MO	162	83.94%	1	0.52%	3	1.55%	25	12.95%
Missouri	53,629	91.21%	2,390	4.06%	1,355	2.3%	1,275	2.17%
United States	2,250,318	77.28%	155,681	5.35%	204,727	7.03%	289,036	9.93%



Housing - Overcrowded Housing

This indicator reports data on overcrowded housing from the latest 5-year American Community Survey. The Census Bureau has no official definition of crowded units, but this report considers units with more than one occupant per room to be crowded.

Report Area	Total Occupied Housing Units	Overcrowded Housing Units	Percentage of Housing Units Overcrowded
Saline County, MO	7,955	169	2.12%
Missouri	2,006,093	37,929	1.89%
United States	90,364,208	3,852,710	4.26%

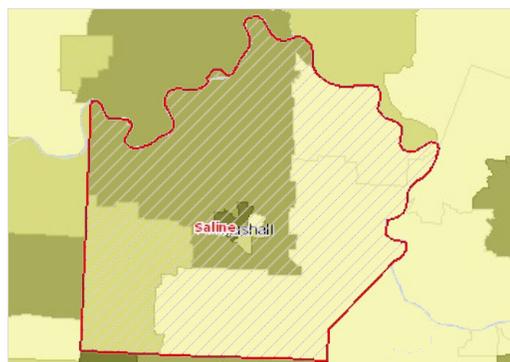
Percentage of Housing Units Overcrowded



- Saline County, MO (2.12%)
- Missouri (1.89%)
- United States (4.26%)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

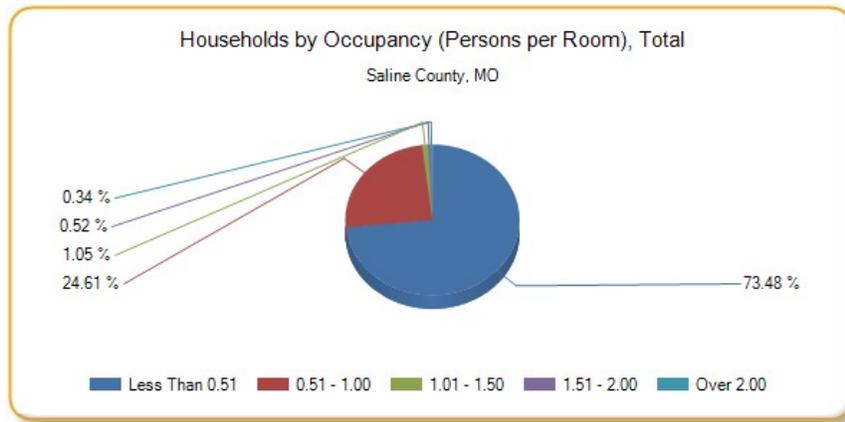


Overcrowded Housing (Over 1 Person/Room), Percent by Tract, ACS 2010-14

- Over 4.0%
- 2.1 - 4.0%
- 1.1 - 2.0%
- Under 1.1%
- No Data or Data Suppressed
- Report Area

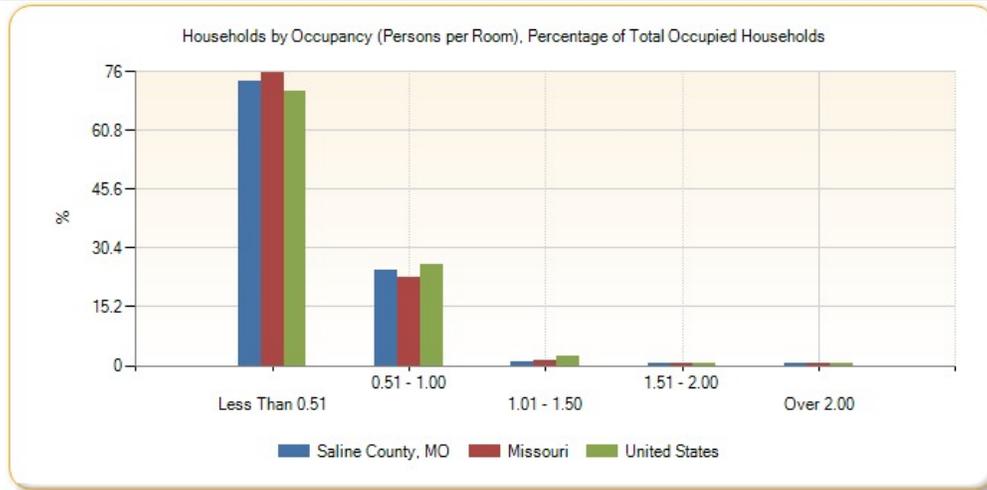
Households by Occupancy (Persons per Room), Total

Report Area	Less Than 0.51	0.51 - 1.00	1.01 - 1.50	1.51 - 2.00	Over 2.00
Saline County, MO	6,514	2,182	93	46	30
Missouri	1,784,119	539,184	28,240	7,281	2,408
United States	82,226,320	30,132,068	2,700,932	843,390	308,388



Households by Occupancy (Persons per Room), Percentage of Total Occupied Households

Report Area	Less Than 0.51	0.51 - 1.00	1.01 - 1.50	1.51 - 2.00	Over 2.00
Saline County, MO	73.48%	24.61%	1.05%	0.52%	0.34%
Missouri	75.56%	22.83%	1.2%	0.31%	0.1%
United States	70.76%	25.93%	2.32%	0.73%	0.27%



Housing - Substandard Housing

This indicator reports the number and percentage of owner- and renter-occupied housing units having at least one of the following conditions: 1) lacking complete plumbing facilities, 2) lacking complete kitchen facilities, 3) with 1.01 or more occupants per room, 4) selected monthly owner costs as a percentage of household income greater than 30 percent, and 5) gross rent as a percentage of household income greater than 30 percent. Selected conditions provide information in assessing the quality of the housing inventory and its occupants. This data is used to easily identify homes where the quality of living and housing can be considered substandard.

Report Area	Total Occupied Housing Units	Occupied Housing Units with One or More Substandard Conditions	Percent Occupied Housing Units with One or More Substandard Conditions
Saline County, MO	8,865	2,687	30.31%
Missouri	2,361,232	699,855	29.64%
United States	116,211,088	41,333,888	35.57%

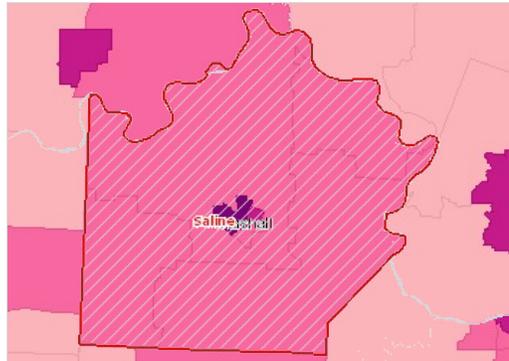
Percent Occupied Housing Units with One or More Substandard Conditions



- Saline County, MO (30.31%)
- Missouri (29.64%)
- United States (35.57%)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract



Substandard Housing Units, Percent of Total by Tract, ACS 2010-14

- Over 34.0%
- 28.1 - 34.0%
- 22.1 - 28.0%
- Under 22.1%
- No Data or Data Suppressed
- Report Area

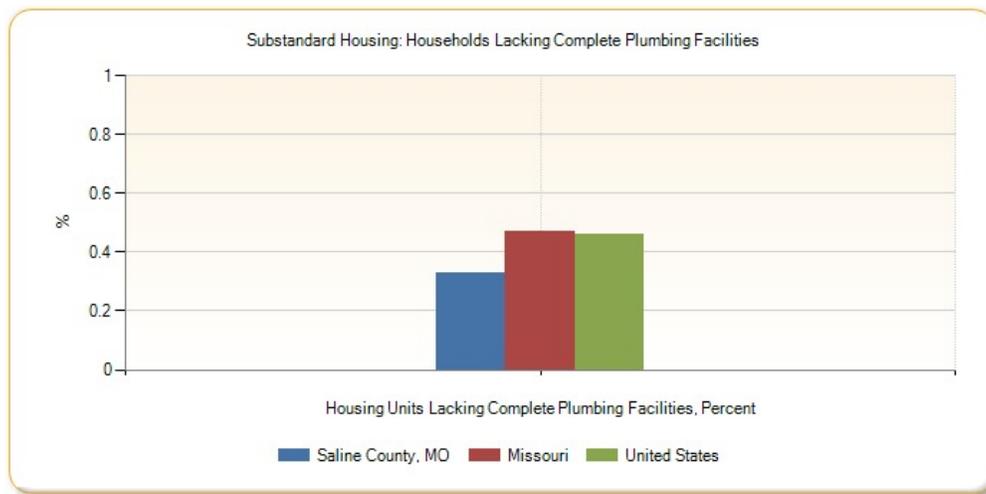
Substandard Housing: Number of Substandard Conditions Present

Report Area	No Conditions	One Condition	Two or Three Conditions	Four Conditions
Saline County, MO	69.69%	28.62%	1.69%	0%
Missouri	70.36%	28.47%	1.16%	0.01%
United States	64.43%	33.44%	2.12%	0.01%

Substandard Housing: Households Lacking Complete Plumbing Facilities

Complete plumbing facilities include: (a) hot and cold running water, (b) a flush toilet, and (c) a bathtub or shower. All three facilities must be located inside the house, apartment, or mobile home, but not necessarily in the same room. Housing units are classified as lacking complete plumbing facilities when any of the three facilities is not present.

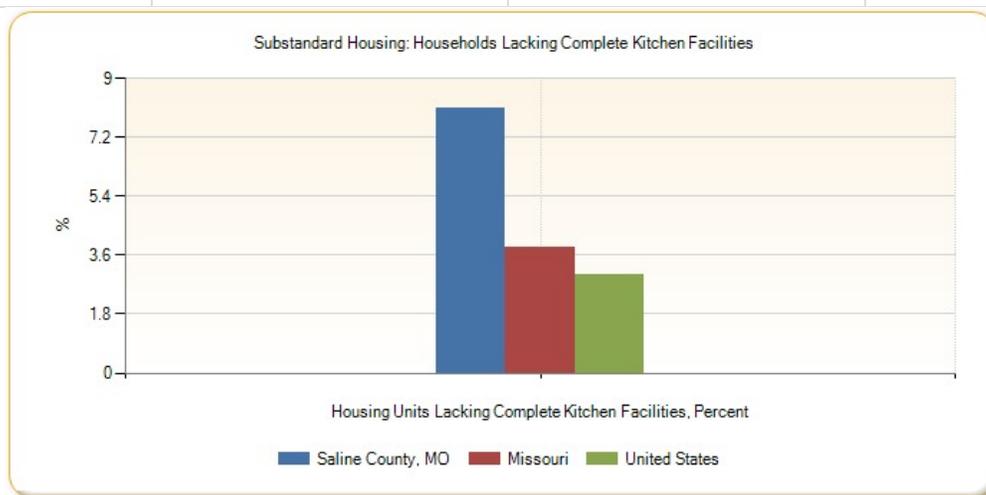
Report Area	Total Occupied Housing Units	Housing Units Lacking Complete Plumbing Facilities	Housing Units Lacking Complete Plumbing Facilities, Percent
Saline County, MO	8,865	29	0.33%
Missouri	2,361,232	11,121	0.47%
United States	116,211,088	537,459	0.46%



Substandard Housing: Households Lacking Complete Kitchen Facilities

A unit has complete kitchen facilities when it has all three of the following facilities: (a) a sink with a faucet, (b) a stove or range, and (c) a refrigerator. All kitchen facilities must be located in the house, apartment, or mobile home, but they need not be in the same room. A housing unit having only a microwave or portable heating equipment such as a hot plate or camping stove should not be considered as having complete kitchen facilities. An icebox is not considered to be a refrigerator.

Report Area	Total Occupied Housing Units	Housing Units Lacking Complete Kitchen Facilities	Housing Units Lacking Complete Kitchen Facilities, Percent
Saline County, MO	10,099	816	8.08%
Missouri	2,723,417	104,431	3.83%
United States	132,741,032	3,966,466	2.99%

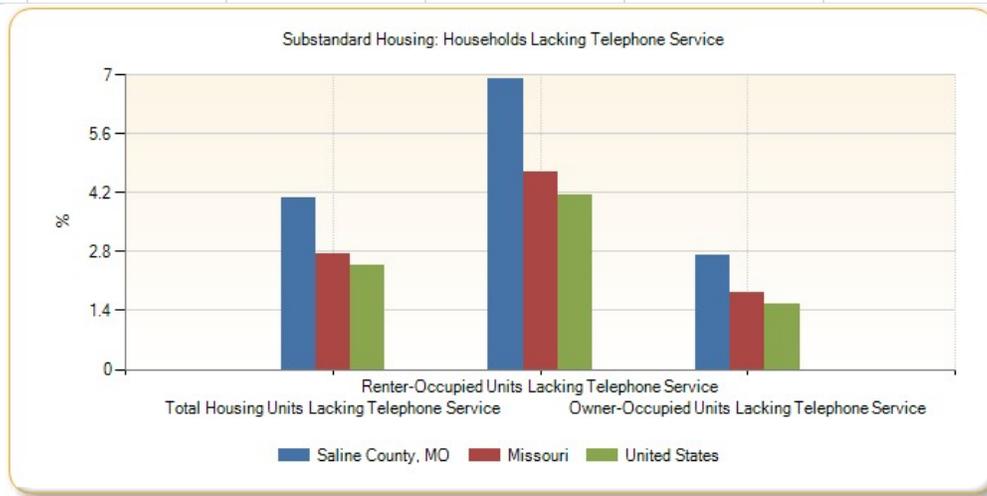


Substandard Housing: Households Lacking Telephone Service

A telephone must be in working order and service available in the house, apartment, or mobile home that allows the respondent to both make and receive calls. Households that have cell-phones (no land-line) are counted as having telephone service available. Households whose service has been discontinued for nonpayment or other reasons are not counted as having telephone service available.

Report Area	Total Housing Units Lacking Telephone Service	Total Housing Units Lacking Telephone Service	Owner-Occupied Units Lacking Telephone Service	Owner-Occupied Units Lacking Telephone Service	Renter-Occupied Units Lacking Telephone Service	Renter-Occupied Units Lacking Telephone Service
Saline County, MO	362	4.08%	163	2.72%	199	6.9%
Missouri	65,099	2.76%	29,529	1.84%	35,570	4.7%

Report Area	Total Housing Units Lacking Telephone Service	Total Housing Units Lacking Telephone Service	Owner-Occupied Units Lacking Telephone Service	Owner-Occupied Units Lacking Telephone Service	Renter-Occupied Units Lacking Telephone Service	Renter-Occupied Units Lacking Telephone Service
United States	2,875,544	2.47%	1,157,901	1.55%	1,717,643	4.15%



Housing - Vacancy Rate

This indicator reports the number and percentage of housing units that are vacant. A housing unit is considered vacant by the American Community Survey if no one is living in it at the time of interview. Units occupied at the time of interview entirely by persons who are staying two months or less and who have a more permanent residence elsewhere are considered to be temporarily occupied, and are classified as "vacant."

Report Area	Total Housing Units	Vacant Housing Units	Vacant Housing Units, Percent
Saline County, MO	10,099	1,234	12.22%
Missouri	2,723,417	362,185	13.3%
United States	132,741,032	16,529,941	12.45%

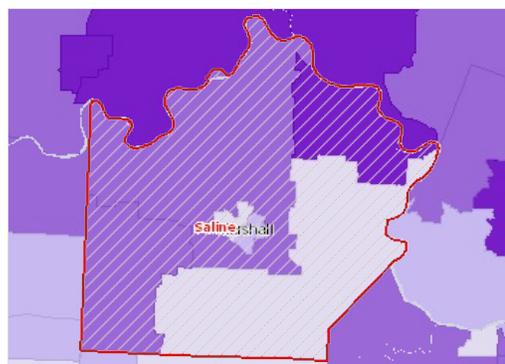
Vacant Housing Units, Percent



■ Saline County, MO (12.22%)
■ Missouri (13.3%)
■ United States (12.45%)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract



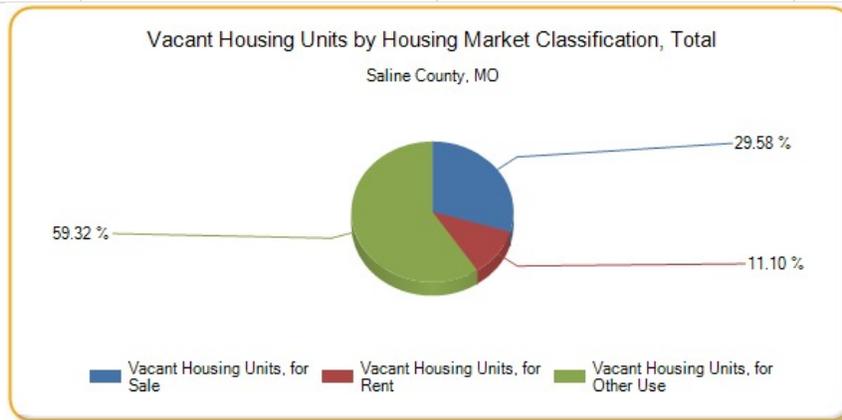
Vacant Housing Units, Percent by Tract, ACS 2010-14

■ Over 20.0%
■ 14.1 - 20.0%
■ 8.1 - 14.0%
■ Under 8.1%
■ No Data or Data Suppressed
 Report Area

Vacant Housing Units by Housing Market Classification, Total

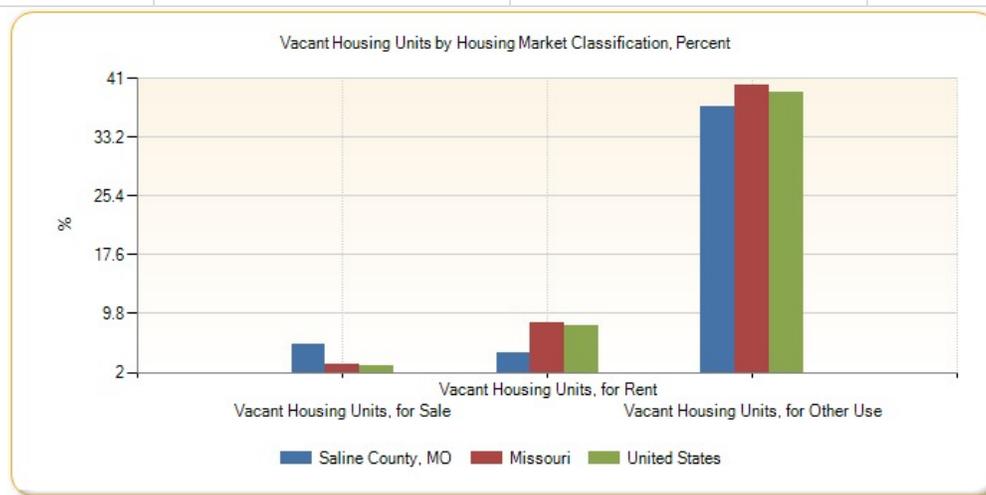
Report Area	Vacant Housing Units, for Sale	Vacant Housing Units, for Rent	Vacant Housing Units, for Other Use
Saline County, MO	365	137	732

Report Area	Vacant Housing Units, for Sale	Vacant Housing Units, for Rent	Vacant Housing Units, for Other Use
Missouri	50,243	70,229	241,713
United States	2,207,448	3,714,757	10,607,736



Vacant Housing Units by Housing Market Classification, Percent

Report Area	Vacant Housing Units, for Sale	Vacant Housing Units, for Rent	Vacant Housing Units, for Other Use
Saline County, MO	5.75%	4.54%	37.23%
Missouri	3.04%	8.49%	40.03%
United States	2.87%	8.23%	39.09%



Liquor Store Access

This indicator reports the number of beer, wine, and liquor stores per 100,000 population, as defined by North American Industry Classification System (NAICS) Code 445310. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.

Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Saline County, MO	23,370	0	0
Missouri	5,988,927	387	6.5
United States	312,732,537	32,759	10.5

Liquor Stores, Rate (Per 100,000 Population)



- Saline County, MO (0)
- Missouri (6.5)
- United States (10.5)

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [County Business Patterns](#). Additional data analysis by [CARES](#), 2013. Source geography: County

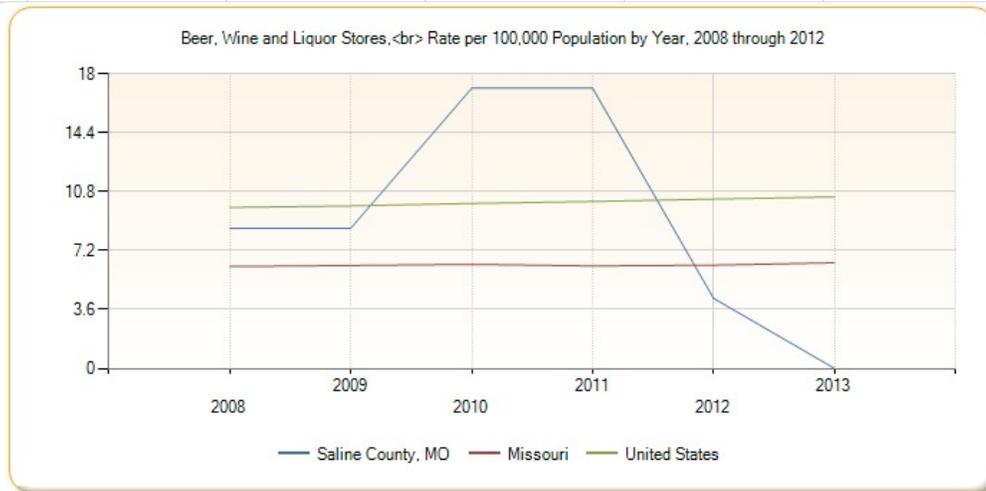


Beer, Wine and Liquor Stores, Rate (Per 100,000 Pop.) by County, CBP 2013

- Over 18.0
- 12.1 - 18.0
- 6.1 - 12.0
- Under 6.1
- No Beer, Wine, or Liquor Stores
- Report Area

Beer, Wine and Liquor Stores, Rate per 100,000 Population by Year, 2008 through 2012

Report Area	2008	2009	2010	2011	2012	2013
Saline County, MO	8.56	8.56	17.12	17.12	4.28	0
Missouri	6.23	6.29	6.36	6.26	6.31	6.46
United States	9.83	9.93	10.08	10.2	10.35	10.48

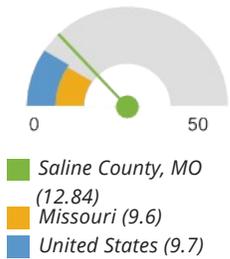


Recreation and Fitness Facility Access

This indicator reports the number per 100,000 population of recreation and fitness facilities as defined by North American Industry Classification System (NAICS) Code 713940. This indicator is relevant because access to recreation and fitness facilities encourages physical activity and other healthy behaviors.

Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Saline County, MO	23,370	3	12.84
Missouri	5,988,927	575	9.6
United States	312,732,537	30,393	9.7

Recreation and Fitness Facilities, Rate (Per 100,000 Population)

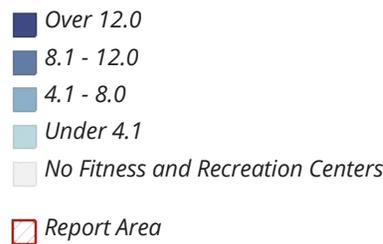


Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [County Business Patterns](#). Additional data analysis by [CARES](#), 2013. Source geography: County

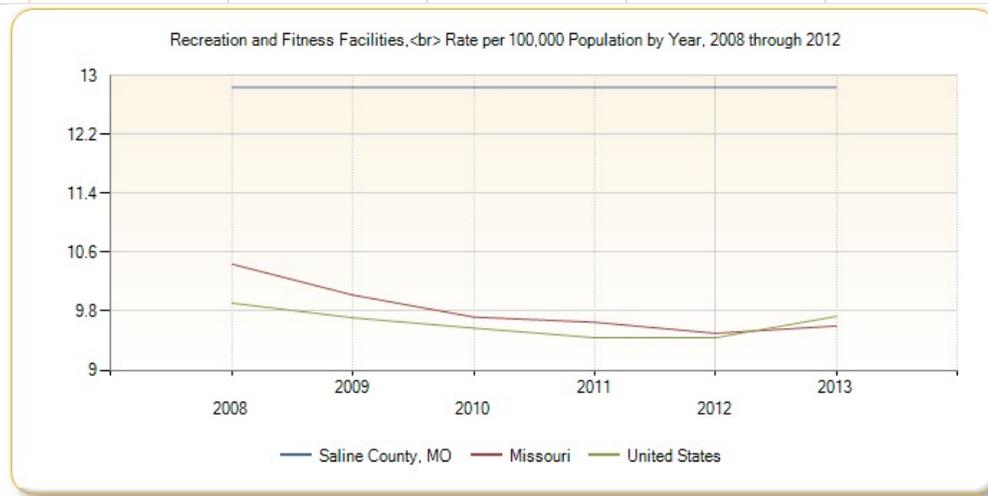


Recreation and Fitness Facilities, Rate (Per 100,000 Pop.) by County, CBP 2013



Recreation and Fitness Facilities, Rate per 100,000 Population by Year, 2008 through 2012

Report Area	2008	2009	2010	2011	2012	2013
Saline County, MO	12.84	12.84	12.84	12.84	12.84	12.84
Missouri	10.44	10.02	9.72	9.65	9.5	9.6
United States	9.91	9.71	9.57	9.44	9.44	9.73



Use of Public Transportation

This indicator reports the percentage of population using public transportation as their primary means of commute to work. Public transportation includes buses or trolley buses, streetcars or trolley cars, subway or elevated rails, and ferryboats.

Report Area	Total Population Employed Age 16	Population Using Public Transit for Commute to Work	Percent Population Using Public Transit for Commute to Work
Saline County, MO	10,401	95	0.91%
Missouri	2,747,017	40,785	1.48%
United States	141,337,152	7,157,671	5.06%

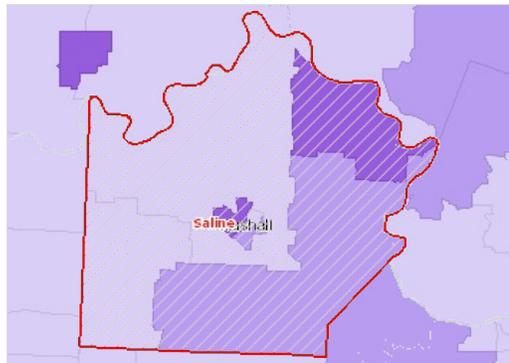
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

Percent Population Using Public Transit for Commute to Work



- Saline County, MO (0.91%)
- Missouri (1.48%)
- United States (5.06%)



Workers Traveling to Work Using Public Transit, Percent by Tract, ACS 2010-14

- Over 4.0%
- 1.1 - 4.0%
- 0.1 - 1.0%
- No Workers Using Public Transit
- No Data or Data Suppressed
- Report Area

Clinical Care

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

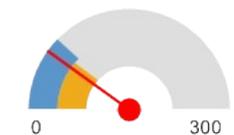
Rates of morbidity, mortality, and emergency hospitalizations can be reduced if community residents access services such as health screenings, routine tests, and vaccinations. Prevention indicators can call attention to a lack of access or knowledge regarding one or more health issues and can inform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

Access to Primary Care

This indicator reports the number of primary care physicians per 100,000 population. Doctors classified as "primary care physicians" by the AMA include: General Family Medicine MDs and DOs, General Practice MDs and DOs, General Internal Medicine MDs and General Pediatrics MDs. Physicians age 75 and over and physicians practicing sub-specialties within the listed specialties are excluded. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

Report Area	Total Population, 2012	Primary Care Physicians, 2012	Primary Care Physicians, Rate per 100,000 Pop.
Saline County, MO	23,339	14	60
Missouri	6,021,988	4,185	69.5
United States	313,914,040	233,862	74.5

Primary Care Physicians, Rate per 100,000 Pop.



- Saline County, MO (60)
- Missouri (69.5)
- United States (74.5)

Note: This indicator is compared with the state average.

Data Source: US Department of Health & Human Services, Health Resources and Services Administration, [Area Health Resource File](#). 2012. Source geography: County



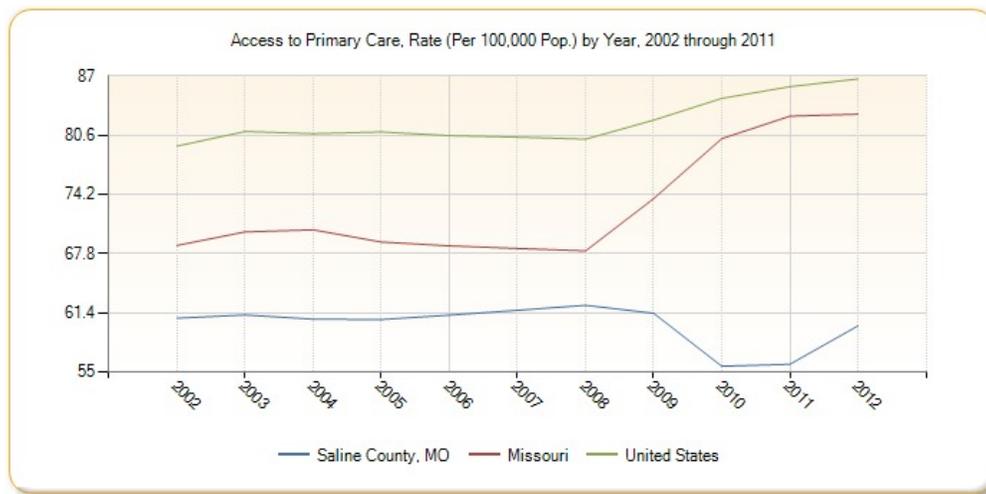
Access to Primary Care Physicians, Rate per 100,000 Pop. by County, AHRF 2012

- Over 80.0
- 60.1 - 80.0
- 40.1 - 60.0
- Under 40.1
- No Primary Care Physicians or No Data
- Report Area

Access to Primary Care, Rate (Per 100,000 Pop.) by Year, 2002 through 2011

This indicator reports the rate of primary care physicians per 100,000 population by year. This figure represents all primary care physicians practicing patient care, including hospital residents. In counties with teaching hospitals, this figure may differ from the rate reported above.

Report Area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Saline County, MO	60.82	61.17	60.71	60.67	61.15	61.67	62.21	61.35	55.63	55.84	59.99
Missouri	68.68	70.14	70.36	69.05	68.63	68.35	68.09	73.74	80.21	82.64	82.86
United States	79.41	80.99	80.76	80.94	80.54	80.38	80.16	82.22	84.57	85.83	86.66

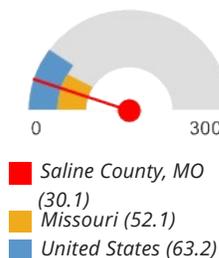


Access to Dentists

This indicator reports the number of dentists per 100,000 population. This indicator includes all dentists - qualified as having a doctorate in dental surgery (D.D.S.) or dental medicine (D.M.D.), who are licensed by the state to practice dentistry and who are practicing within the scope of that license.

Report Area	Total Population, 2013	Dentists, 2013	Dentists, Rate per 100,000 Pop.
Saline County, MO	23,252	7	30.1
Missouri	6,044,171	3,148	52.1
United States	316,128,839	199,743	63.2

Dentists, Rate per 100,000 Pop.



Note: This indicator is compared with the state average.

Data Source: US Department of Health & Human Services, Health Resources and Services Administration, [Area Health Resource File](#), 2013. Source geography: County



Access to Dentists, Rate per 100,000 Pop. by County, AHRF 2013

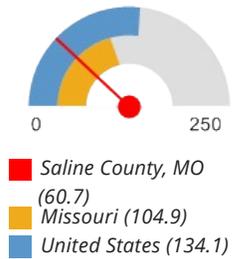
- Over 50.0
- 35.1 - 50.0
- 20.1 - 35.0
- Under 20.1
- No Dentists
- Report Area

Access to Mental Health Providers

This indicator reports the rate of the county population to the number of mental health providers including psychiatrists, psychologists, clinical social workers, and counsellors that specialize in mental health care.

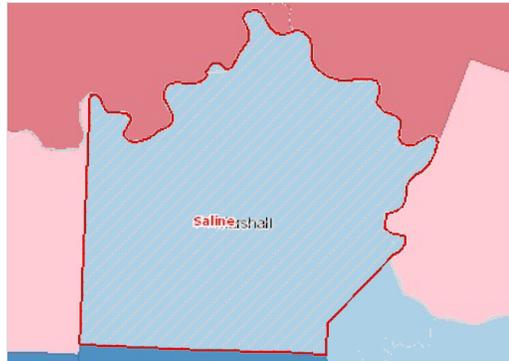
Report Area	Estimated Population	Number of Mental Health Providers	Ratio of Mental Health Providers to Population (1 Provider per x Persons)	Mental Health Care Provider Rate (Per 100,000 Population)
Saline County, MO	24,728	15	1,648.5	60.7
Missouri	6,063,459	6,361	953.2	104.9
United States	318,306,896	426,991	745.5	134.1

Mental Health Care Provider Rate (Per 100,000 Population)



Note: This indicator is compared with the state average.

Data Source: University of Wisconsin Population Health Institute, [County Health Rankings](#), 2014. Source geography: County



Access to Mental Health Care Providers, Rank by County, CHR 2014

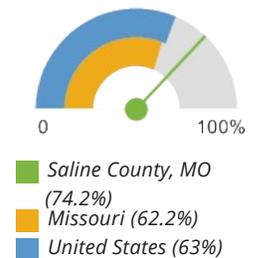
- 1st Quartile (Top 25%)
- 2nd Quartile
- 3rd Quartile
- 4th Quartile (Bottom 25%)
- Bottom Quintile (Rhode Island Only)
- No Data or Data Suppressed; -1
- Report Area

Cancer Screening - Mammogram

This indicator reports the percentage of female Medicare enrollees, age 67-69, who have received one or more mammograms in the past two years. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Medicare Enrollees	Female Medicare Enrollees Age 67-69	Female Medicare Enrollees with Mammogram in Past 2 Years	Percent Female Medicare Enrollees with Mammogram in Past 2 Year
Saline County, MO	2,861	248	183	74.2%
Missouri	578,710	48,778	30,322	62.2%
United States	53,131,712	4,402,782	2,772,990	63%

Percent Female Medicare Enrollees with Mammogram in Past 2 Year

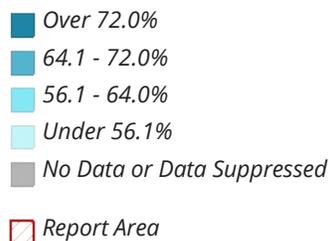


Note: This indicator is compared with the state average.

Data Source: Dartmouth College Institute for Health Policy & Clinical Practice, [Dartmouth Atlas of Health Care](#), 2012. Source geography: County



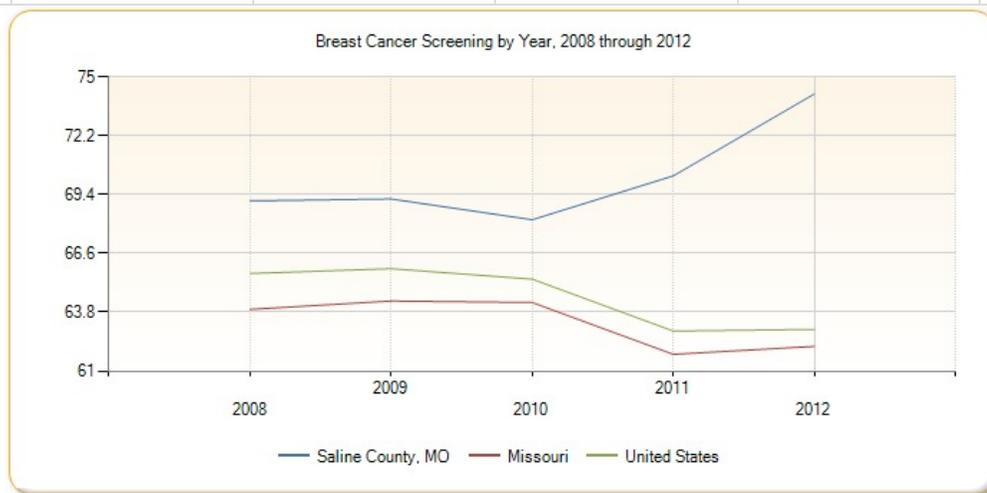
Mammogram (Past 2 Years), Percent of Female Medicare Enrollees, Age 67-69 by County, DA 2012



Breast Cancer Screening by Year, 2008 through 2012

Percent of Female Medicare Beneficiaries Age 67-69 with Mammogram in Past 2 Years

Report Area	2008	2009	2010	2011	2012
Saline County, MO	69.1	69.19	68.2	70.29	74.19
Missouri	63.93	64.33	64.26	61.79	62.17
United States	65.64	65.87	65.37	62.9	62.98



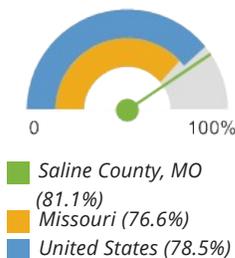
Cancer Screening - Pap Test

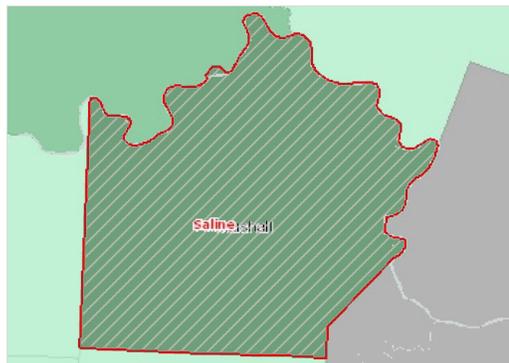
This indicator reports the percentage of women aged 18 and older who self-report that they have had a Pap test in the past three years. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Female Population Age 18	Estimated Number with Regular Pap Test	Crude Percentage	Age-Adjusted Percentage
Saline County, MO	15,749	12,316	78.2%	81.1%
Missouri	3,846,348	2,877,068	74.8%	76.6%
United States	176,847,182	137,191,142	77.6%	78.5%

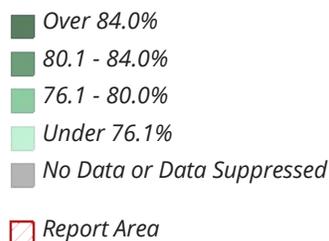
Note: This indicator is compared with the state average.
 Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Accessed via the [Health Indicators Warehouse](#). US Department of Health & Human Services, [Health Indicators Warehouse](#). 2006-12. Source geography: County

Percent Adults Females Age 18 with Regular Pap Test (Age-Adjusted)





Cervical Cancer Screening (Past 3 Years), Percent of Women Age 18 by County, BRFSS 2006-12

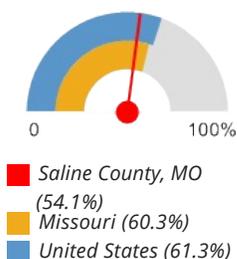


Cancer Screening - Sigmoidoscopy or Colonoscopy

This indicator reports the percentage of adults 50 and older who self-report that they have ever had a sigmoidoscopy or colonoscopy. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

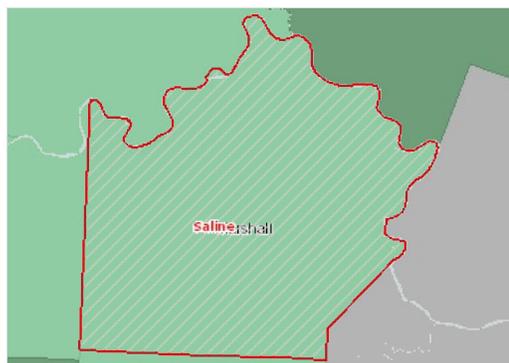
Report Area	Total Population Age 50	Estimated Population Ever Screened for Colon Cancer	Crude Percentage	Age-Adjusted Percentage
Saline County, MO	6,565	4,090	62.3%	54.1%
Missouri	1,532,083	972,873	63.5%	60.3%
United States	75,116,406	48,549,269	64.6%	61.3%

Percent Adults Screened for Colon Cancer (Age-Adjusted)

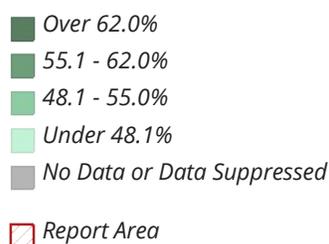


Note: This indicator is compared with the state average.

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



Colon Cancer Screening (Ever), Percent of Adults Age 50 by County, BRFSS 2006-12



HIV Screenings

This indicator reports the percentage of adults age 18-70 who self-report that they have never been screened for HIV. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Survey Population (Smokers Age 18)	Total Adults Never Screened for HIV / AIDS	Percent Adults Never Screened for HIV / AIDS
Saline County, MO	13,385	10,654	79.60%
Missouri	4,226,096	2,840,197	67.21%
United States	214,984,421	134,999,025	62.79%

Percent Adults Never Screened for HIV / AIDS



- Saline County, MO (79.60%)
- Missouri (67.21%)
- United States (62.79%)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#), 2011-12. Source geography: County

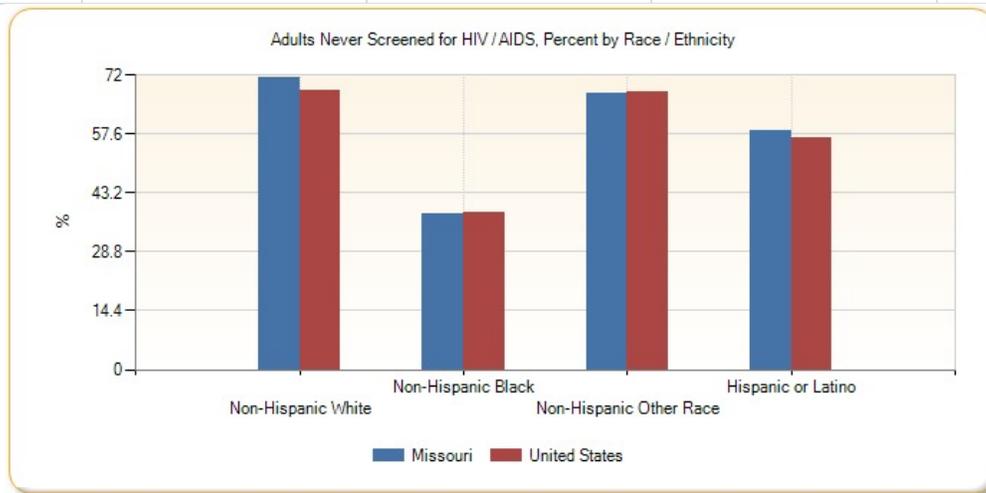


Adults Age 18 Never Screened for HIV / AIDS, Percent by County, BRFSS 2011-12

- Over 76.1%
- 68.1 - 76.0%
- 60.1 - 68.0%
- Under 60.1%
- No Data or Data Suppressed
- Report Area

Adults Never Screened for HIV / AIDS, Percent by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Missouri	71.46%	37.97%	67.58%	58.3%
United States	68.19%	38.56%	67.84%	56.71%



Pneumonia Vaccination

This indicator reports the percentage of adults aged 65 and older who self-report that they have ever received a pneumonia vaccine. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population Age 65	Estimated Population with Annual Pneumonia Vaccination	Crude Percentage	Age-Adjusted Percentage
Saline County, MO	3,709	2,589	69.8%	69.8%
Missouri	826,139	572,514	69.3%	69.4%
United States	39,608,820	26,680,462	67.4%	67.5%

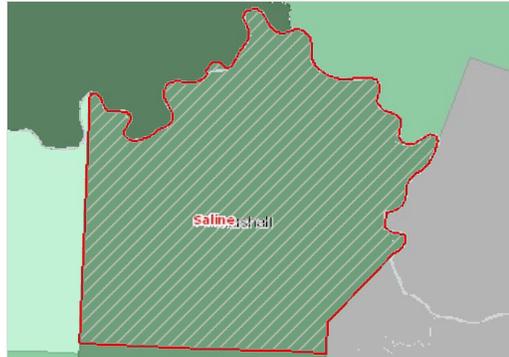
Note: This indicator is compared with the state average.

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

Percent Population Age 65 with Pneumonia Vaccination (Age-Adjusted)



- Saline County, MO (69.8%)
- Missouri (69.4%)
- United States (67.5%)



Annual Pneumonia Vaccination, Percent of Adults Age 65 by County, BRFSS 2006-12

- Over 72.0%
- 68.1 - 72.0%
- 64.1 - 68.0%
- Under 64.1%
- No Data or Data Suppressed
- Report Area

Diabetes Management - Hemoglobin A1c Test

This indicator reports the percentage of diabetic Medicare patients who have had a hemoglobin A1c (hA1c) test, a blood test which measures blood sugar levels, administered by a health care professional in the past year. In the report area, 315 Medicare enrollees with diabetes have had an annual exam out of 350 Medicare enrollees in the report area with diabetes, or 90%. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Medicare Enrollees	Medicare Enrollees with Diabetes	Medicare Enrollees with Diabetes with Annual Exam	Percent Medicare Enrollees with Diabetes with Annual Exam
Saline County, MO	2,861	350	315	90%
Missouri	578,710	72,934	62,447	85.6%
United States	53,131,712	6,517,150	5,511,632	84.6%

Note: This indicator is compared with the state average.

Data Source: Dartmouth College Institute for Health Policy & Clinical Practice, [Dartmouth Atlas of Health Care](#). 2012. Source geography: County

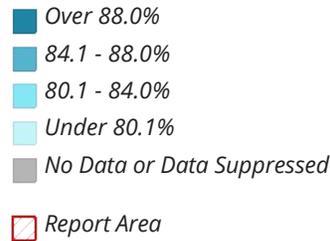
Percent Medicare Enrollees with Diabetes with Annual Exam



- Saline County, MO (90%)
- Missouri (85.6%)
- United States (84.6%)



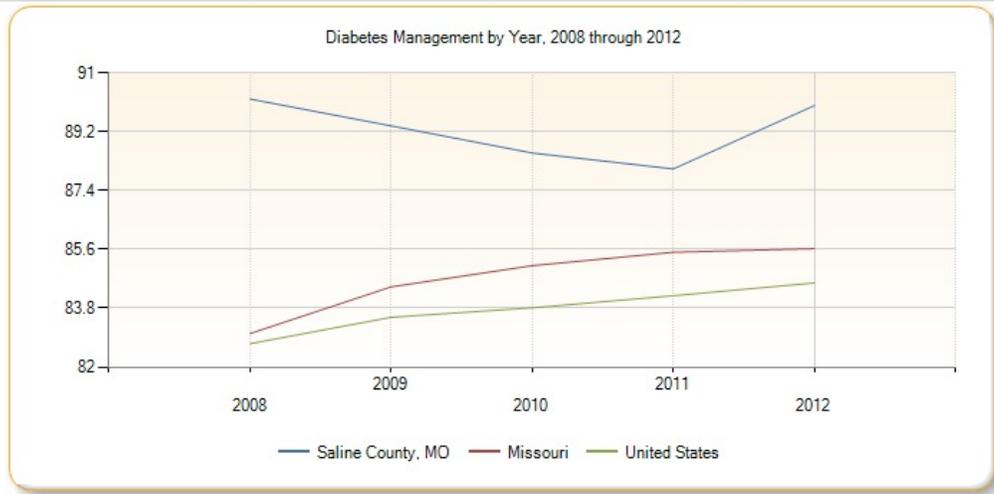
Patients with Annual HA1C Test (Diabetes), Percent of Medicare Enrollees with Diabetes by County, DA 2012



Diabetes Management by Year, 2008 through 2012

Percent of Medicare Beneficiaries with Diabetes with Annual Hemoglobin A1c Test

Report Area	2008	2009	2010	2011	2012
Saline County, MO	90.2	89.38	88.55	88.06	90
Missouri	83.02	84.45	85.1	85.51	85.62
United States	82.71	83.52	83.81	84.18	84.57



High Blood Pressure Management

In the report area, 26.8% of adults, or 4,757, self-reported that they are not taking medication for their high blood pressure according to the CDC's Behavioural Risk Factor Surveillance System (2006-2010). This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. When considered with other indicators of poor health, this indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population (Age 18)	Total Adults Not Taking Blood Pressure Medication (When Needed)	Percent Adults Not Taking Medication
Saline County, MO	17,772	4,757	26.8%
Missouri	4,532,155	957,912	21.1%
United States	235,375,690	51,175,402	21.7%

Percent Adults with High Blood Pressure Not Taking Medication



- Saline County, MO (26.8%)
- Missouri (21.1%)
- United States (21.7%)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#), 2006-10. Source geography: County

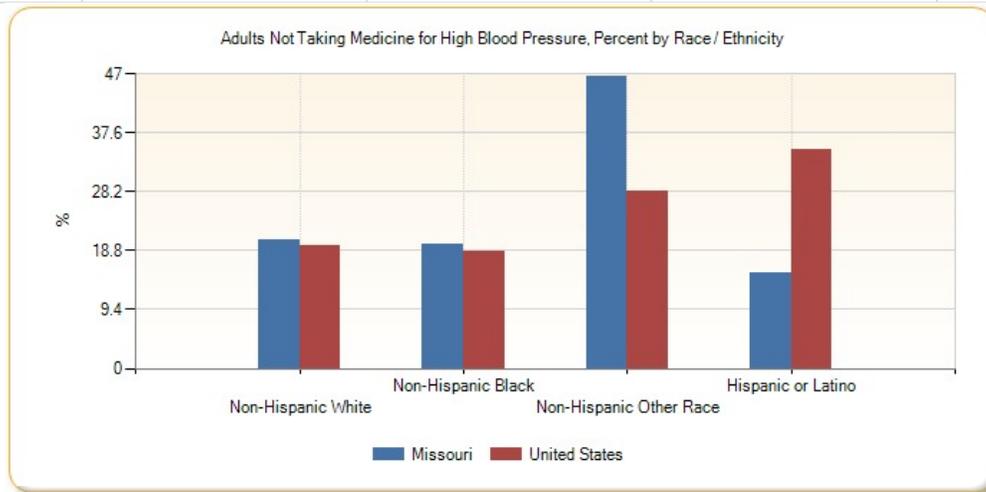


Adults Age 18 with High Blood Pressure, Not Taking Medication, Percent by County, BRFSS 2006-10

- Over 85.0%
- 80.1 - 85.0%
- 75.1 - 80.0%
- Under 75.1%
- No Data or Data Suppressed
- Report Area

Adults Not Taking Medicine for High Blood Pressure, Percent by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Missouri	20.56%	19.82%	46.58%	15.17%
United States	19.66%	18.65%	28.31%	34.86%



Dental Care Utilization

This indicator reports the percentage of adults aged 18 and older who self-report that they have not visited a dentist, dental hygienist or dental clinic within the past year. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population (Age 18)	Total Adults Without Recent Dental Exam	Percent Adults with No Dental Exam
Saline County, MO	17,772	8,299	46.7%
Missouri	4,532,155	1,681,987	37.1%
United States	235,375,690	70,965,788	30.2%

Percent Adults Without Recent Dental Exam



- Saline County, MO (46.7%)
- Missouri (37.1%)
- United States (30.2%)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#), 2006-10. Source geography: County

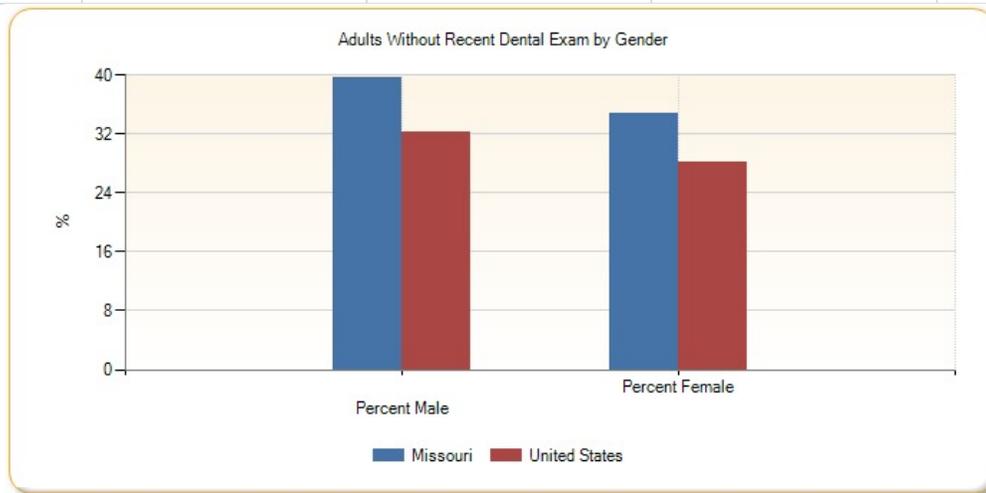


Adults Age 18 Without Dental Exam in Past 12 Months, Percent by County, BRFSS 2006-10

- Over 42.0%
- 34.1 - 42.0%
- 26.1 - 34.0%
- Under 26.1%
- No Data or Data Suppressed
- Report Area

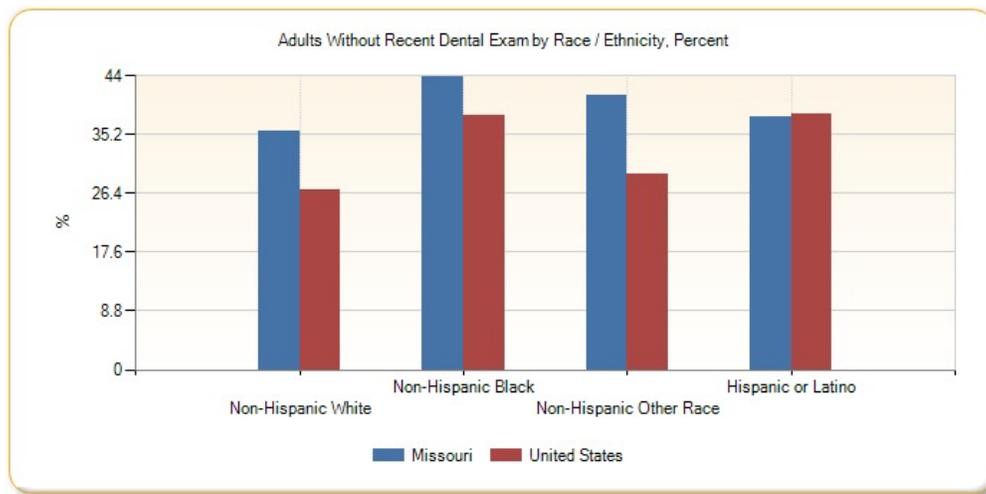
Adults Without Recent Dental Exam by Gender

Report Area	Total Male	Total Female	Percent Male	Percent Female
Missouri	851,712	816,310	39.59%	34.81%
United States	36,311,042	34,083,921	32.3%	28.12%



Adults Without Recent Dental Exam by Race / Ethnicity, Percent

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Missouri	35.78%	43.74%	41.07%	37.75%
United States	26.96%	38.11%	29.23%	38.33%



Federally Qualified Health Centers

This indicator reports the number of Federally Qualified Health Centers (FQHCs) in the community. This indicator is relevant because FQHCs are community assets that provide health care to vulnerable populations; they receive extra funding from the federal government to promote access to ambulatory care in areas designated as medically underserved.

Report Area	Total Population	Number of Federally Qualified Health Centers	Rate of Federally Qualified Health Centers per 100,000 Population
Saline County, MO	23,370	0	0
Missouri	5,988,927	0	0
United States	312,471,327	0	0

Note: This indicator is compared with the state average.

Data Source: US Department of Health & Human Services, Center for Medicare & Medicaid Services, [Provider of Services File](#). Sept. 2015. Source geography: Address



■ Federally Qualified Health Centers, POS Sept. 2015

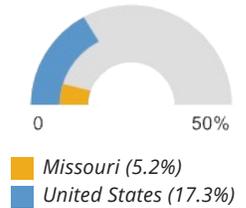
□ Report Area

Lack of Prenatal Care

This indicator reports the percentage of women who do not obtain prenatal care during their first trimester of pregnancy. This indicator is relevant because engaging in prenatal care decreases the likelihood of maternal and infant health risks. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Births	Mothers Starting Prenatal Care in First Semester	Mothers with Late or No Prenatal Care	Prenatal Care Not Reported	Percentage Mothers with Late or No Prenatal Care
Saline County, MO	no data	no data	no data	no data	suppressed
Missouri	318,557	56,322	16,666	245,569	5.2%
United States	16,693,978	7,349,554	2,880,098	6,464,326	17.3%

Percentage Mothers with Late or No Prenatal Care

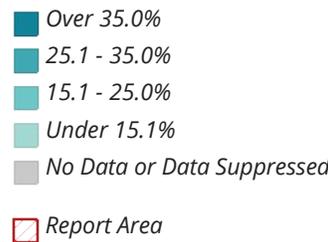


Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). Centers for Disease Control and Prevention, [Wide-Ranging Online Data for Epidemiologic Research](#). 2007-10. Source geography: County



Mothers with Late or No Pre-Natal Care, Percent by County, NVSS 2007-10

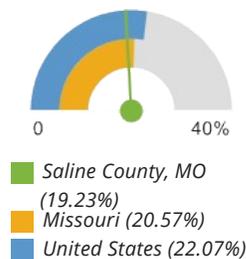


Lack of a Consistent Source of Primary Care

This indicator reports the percentage of adults aged 18 and older who self-report that they do not have at least one person who they think of as their personal doctor or health care provider. This indicator is relevant because access to regular primary care is important to preventing major health issues and emergency department visits.

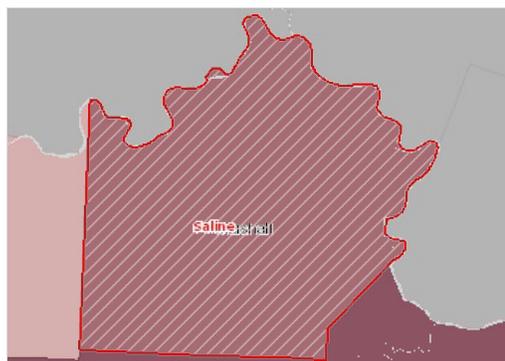
Report Area	Survey Population (Adults Age 18)	Total Adults Without Any Regular Doctor	Percent Adults Without Any Regular Doctor
Saline County, MO	14,049	2,702	19.23%
Missouri	4,560,355	938,202	20.57%
United States	236,884,668	52,290,932	22.07%

Percent Adults Without Any Regular Doctor

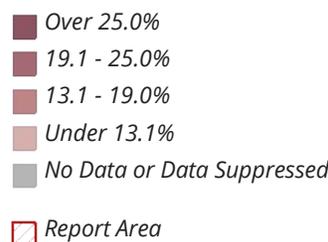


Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#). 2011-12. Source geography: County

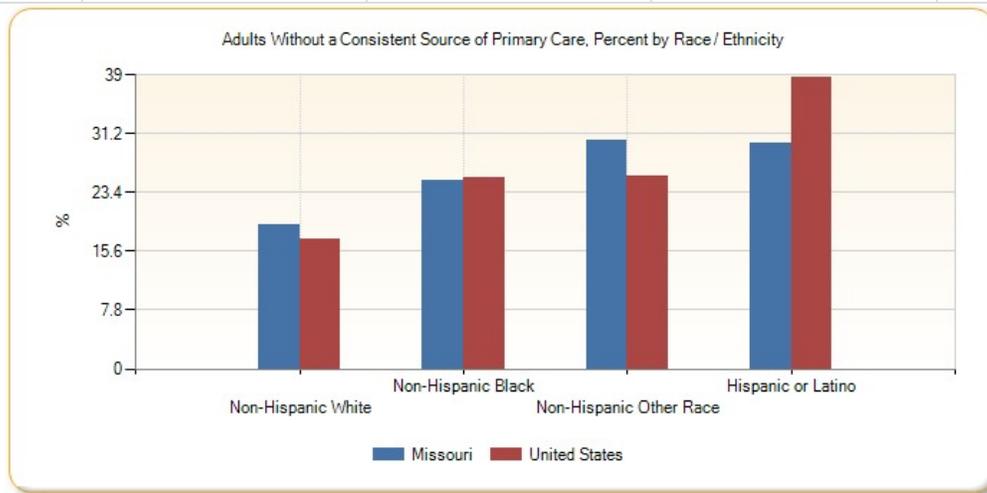


No Consistent Source of Primary Care, Percent of Adults Age 18 by County, BRFSS 2011-12



Adults Without a Consistent Source of Primary Care, Percent by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Missouri	19.18%	24.98%	30.33%	30.01%
United States	17.15%	25.28%	25.47%	38.58%

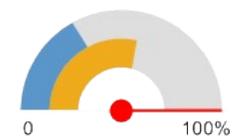


Population Living in a Health Professional Shortage Area

This indicator reports the percentage of the population that is living in a geographic area designated as a "Health Professional Shortage Area" (HPSA), defined as having a shortage of primary medical care, dental or mental health professionals. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

Report Area	Total Area Population	Population Living in a HPSA	Percentage of Population Living in a HPSA
Saline County, MO	23,370	23,370	100%
Missouri	5,988,927	3,427,496	57.23%
United States	308,745,538	105,203,742	34.07%

Percentage of Population Living in a HPSA



- Saline County, MO (100%)
- Missouri (57.23%)
- United States (34.07%)

Note: This indicator is compared with the state average.

Data Source: US Department of Health & Human Services, Health Resources and Services Administration, [Health Resources and Services Administration](#), March 2015. Source geography: HPSA



Primary Care HPSA Components, Type and Degree of Shortage by Tract / County, HRSA HPSA Database March 2015

- ▨ Population Group; Over 20.0 FTE Needed
- ▨ Population Group; 1.1 - 20.0 FTE Needed
- ▨ Population Group; Under 1.1 FTE Needed
- Geographic Area; Over 20.0 FTE Needed
- Geographic Area; 1.1 - 20.0 FTE Needed
- Geographic Area; Under 1.1 FTE Needed
- Report Area

Facilities Designated as Health Professional Shortage Areas

This indicator reports the number and location of health care facilities designated as "Health Professional Shortage Areas" (HPSAs), defined as having shortages of primary medical care, dental or mental health providers. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

Report Area	Primary Care Facilities	Mental Health Care Facilities	Dental Health Care Facilities	Total HPSA Facility Designations
Saline County, MO	0	0	0	0
Missouri	83	54	57	194
United States	3,427	3,060	2,915	8,810

Data Source: US Department of Health & Human Services, Health Resources and Services Administration, [Health Resources and Services Administration](#), March 2015. Source geography: Address



Facilities Designated as HPSAs , HRSA HPSA Database March 2015

- Primary Care
- Mental Health
- Dental Care
- Report Area

Preventable Hospital Events

This indicator reports the discharge rate (per 1,000 Medicare enrollees) for conditions that are ambulatory care sensitive (ACS). ACS conditions include pneumonia, dehydration, asthma, diabetes, and other conditions which could have been prevented if adequate primary care resources were available and accessed by those patients. This indicator is relevant because analysis of ACS discharges allows demonstrating a possible “return on investment” from interventions that reduce admissions (for example, for uninsured or Medicaid patients) through better access to primary care resources.

Report Area	Total Medicare Part A Enrollees	Ambulatory Care Sensitive Condition Hospital Discharges	Ambulatory Care Sensitive Condition Discharge Rate
Saline County, MO	3,029	330	109
Missouri	620,963	40,179	64.7
United States	58,209,898	3,448,111	59.2

Note: This indicator is compared with the state average.

Data Source: Dartmouth College Institute for Health Policy & Clinical Practice, [Dartmouth Atlas of Health Care](#), 2012. Source geography: County

Preventable Hospital Events, Age-Adjusted Discharge Rate (Per 1,000 Medicare Enrollees)



- Saline County, MO (109)
- Missouri (64.7)
- United States (59.2)



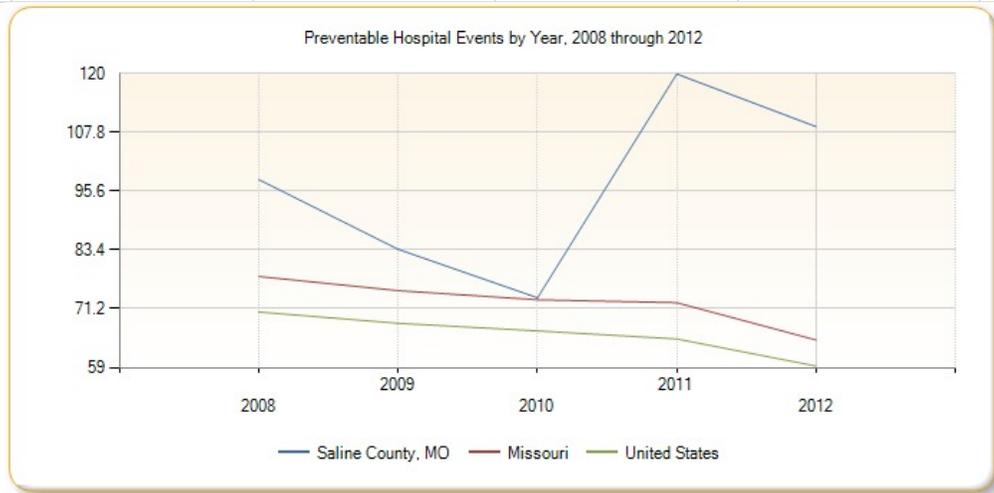
Ambulatory Care Sensitive Conditions, Rate (Per 1,000 Medicare Enrollees) by County, DA 2012

- Over 100.0
- 80.1 - 100.0
- 60.1 - 80.0
- Under 60.1
- No Data or Data Suppressed
- Report Area

Preventable Hospital Events by Year, 2008 through 2012

Rate of Ambulatory Care Sensitive Condition Discharges (per 1,000 Medicare Part A Beneficiaries)

Report Area	2008	2009	2010	2011	2012
Saline County, MO	97.99	83.52	73.45	119.89	108.95
Missouri	77.87	74.95	73.05	72.43	64.7
United States	70.5	68.16	66.58	64.92	59.29



Health Behaviors

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

Physical Inactivity

Within the report area, 4,989 or 27.8% of adults aged 20 and older self-report no leisure time for activity, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?". This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular health.

Report Area	Total Population Age 20	Population with no Leisure Time Physical Activity	Percent Population with no Leisure Time Physical Activity
Saline County, MO	17,203	4,989	27.8%
Missouri	4,455,541	1,171,655	25.5%
United States	231,341,061	53,415,737	22.6%

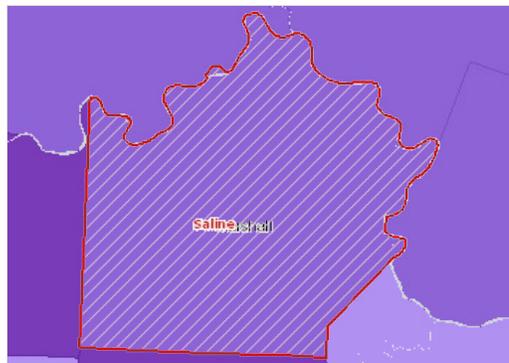
Percent Population with no Leisure Time Physical Activity



- Saline County, MO (27.8%)
- Missouri (25.5%)
- United States (22.6%)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Center for Chronic Disease Prevention and Health Promotion](#). 2012. Source geography: County

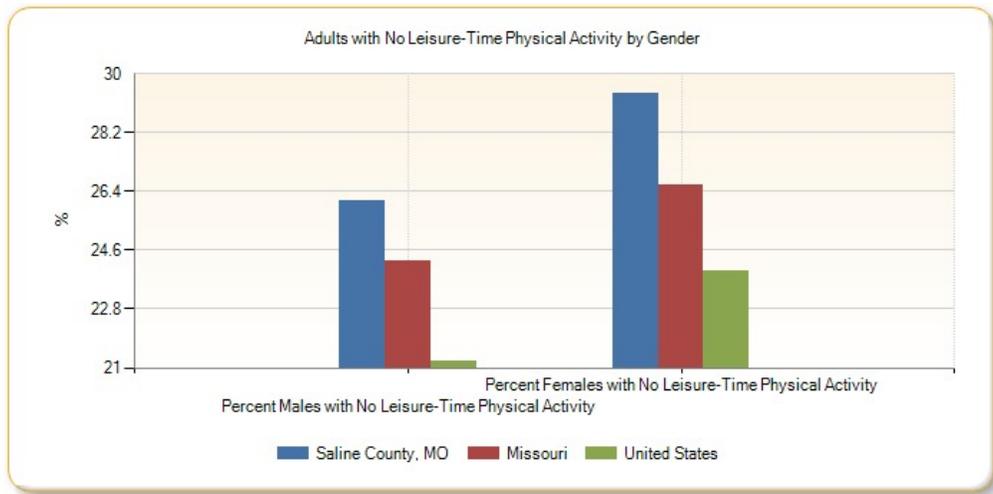


No Leisure-Time Physical Activity, Adults Age 20 , Percent by County, CDC NCCDPHP 2012

- Over 29.0%
- 26.1 - 29.0%
- 23.1 - 26.0%
- Under 23.1%
- Report Area

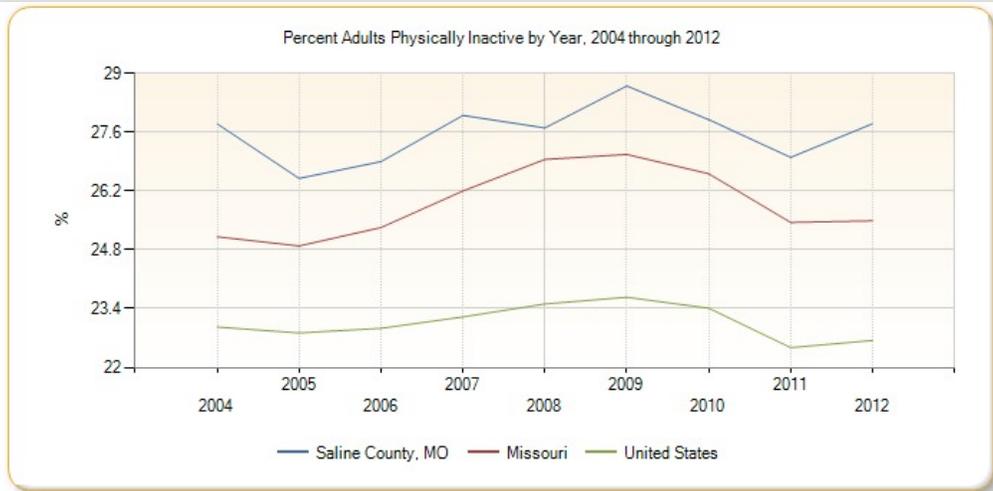
Adults with No Leisure-Time Physical Activity by Gender

Report Area	Total Males with No Leisure-Time Physical Activity	Percent Males with No Leisure-Time Physical Activity	Total Females with No Leisure-Time Physical Activity	Percent Females with No Leisure-Time Physical Activity
Saline County, MO	2,249	26.1%	2,739	29.4%
Missouri	533,714	24.27%	637,861	26.57%
United States	24,071,561	21.2%	29,344,293	23.94%



Percent Adults Physically Inactive by Year, 2004 through 2012

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012
Saline County, MO	27.8%	26.5%	26.9%	28%	27.7%	28.7%	27.9%	27%	27.8%
Missouri	25.11%	24.89%	25.33%	26.2%	26.95%	27.07%	26.61%	25.45%	25.49%
United States	22.96%	22.82%	22.93%	23.2%	23.51%	23.67%	23.41%	22.47%	22.64%



Fruit/Vegetable Consumption

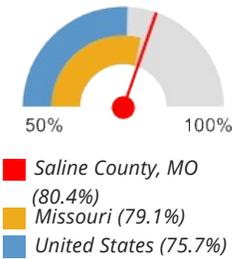
In the report area an estimated 13,972, or 80.4% of adults over the age of 18 are consuming less than 5 servings of fruits and vegetables each day. This indicator is relevant because current behaviors are determinants of future health, and because unhealthy eating habits may cause of significant health issues, such as obesity and diabetes.

Report Area	Total Population (Age 18)	Total Adults with Inadequate Fruit / Vegetable Consumption	Percent Adults with Inadequate Fruit / Vegetable Consumption
Saline County, MO	17,378	13,972	80.4%
Missouri	4,473,226	3,538,322	79.1%
United States	227,279,010	171,972,118	75.7%

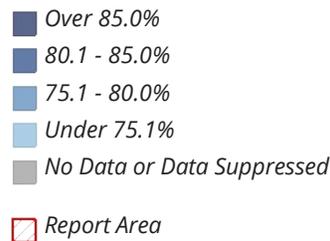
Note: This indicator is compared with the state average.

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](#). 2005-09. Source geography: County

Percent Adults with Inadequate Fruit / Vegetable Consumption



Inadequate Fruit/Vegetable Consumption, Percent of Adults Age 18 by County, BRFSS 2005-09



Fruit/Vegetable Expenditures

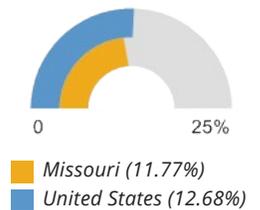
This indicator reports estimated expenditures for fruits and vegetables purchased for in-home consumption, as a percentage of total food-at-home expenditures. This indicator is relevant because current behaviors are determinants of future health, and because unhealthy eating habits may illustrate a cause of significant health issues, such as obesity and diabetes. Expenditures data are suppressed for single counties and single-geography custom areas. Rank data are not available custom report areas or multi-county areas.

Report Area	State Rank	Z-Score (US)	Z-Score (State)	Average Expenditures (USD)	Percentage of Food-At-Home Expenditures
Saline County, MO	65	-1.30	0.22	suppressed	suppressed
Missouri	no data	-0.61	0	\$665.08	11.77%
United States	no data	no data	no data	\$744.71	12.68%

Note: This indicator is compared with the state average.

Data Source: Nielsen, [Nielsen SiteReports](#). 2014. Source geography: Tract

Fruit / Vegetable Expenditures, Percentage of Total Food-At-Home Expenditures





Fruit and Vegetable Expenditures, Percent of Food-At-Home Expenditures, National Rank by Tract, Nielsen 2014

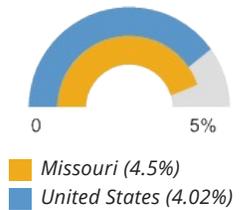
- 1st Quintile (Highest Expenditures)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Lowest Expenditures)
- No Data or Data Suppressed
- Report Area

Soda Expenditures

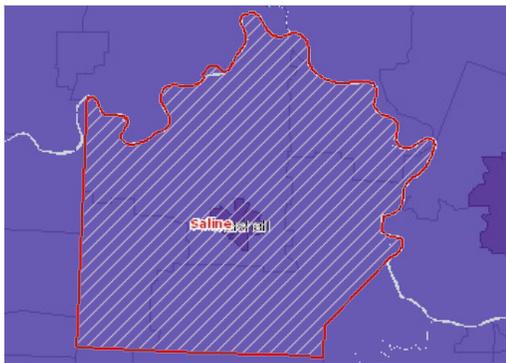
This indicator reports soft drink consumption by census tract by estimating expenditures for carbonated beverages, as a percentage of total food-at-home expenditures. This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues such as diabetes and obesity. Expenditures data are suppressed for single counties and single-geography custom areas. Rank data are not available custom report areas or multi-county areas.

Report Area	State Rank	Z-Score (US)	Z-Score (State)	Average Expenditures (USD)	Percentage of Food-At-Home Expenditures
Saline County, MO	66	1.56	0.49	suppressed	suppressed
Missouri	no data	0.74	0	\$254.5	4.5%
United States	no data	no data	no data	\$236.04	4.02%

Soda Expenditures, Percentage of Total Food-At-Home Expenditures



Note: This indicator is compared with the state average.
Data Source: Nielsen, [Nielsen SiteReports](#), 2014. Source geography: Tract



Soda Expenditures, Percent of Food-At-Home Expenditures, National Rank by Tract, Nielsen 2014

- 1st Quintile (Highest Expenditures)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Lowest Expenditures)
- No Data or Data Suppressed
- Report Area

Alcohol Consumption

This indicator reports the percentage of adults aged 18 and older who self-report heavy alcohol consumption (defined as more than two drinks per day on average for men and one drink per day on average for women). This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as cirrhosis, cancers, and untreated mental and behavioral health needs.

Report Area	Total Population Age 18	Estimated Adults Drinking Excessively	Estimated Adults Drinking Excessively (Crude Percentage)	Estimated Adults Drinking Excessively (Age-Adjusted Percentage)
Saline County, MO	17,841	3,176	17.8%	20.5%
Missouri	4,532,155	770,466	17%	17.9%
United States	232,556,016	38,248,349	16.4%	16.9%

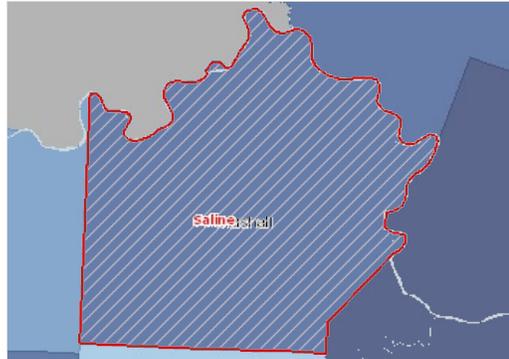
Note: This indicator is compared with the state average.

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

Estimated Adults Drinking Excessively (Age-Adjusted Percentage)



- Saline County, MO (20.5%)
- Missouri (17.9%)
- United States (16.9%)



Excessive Drinking, Percent of Adults Age 18 by County, BRFSS 2006-12

- Over 22.0%
- 18.1 - 22.0%
- 14.1 - 18.0%
- Under 14.1%
- No Data or Data Suppressed
- Report Area

Alcohol Expenditures

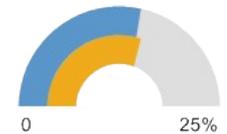
This indicator reports estimated expenditures for alcoholic beverages purchased at home, as a percentage of total household expenditures. This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as cirrhosis, cancers, and untreated mental and behavioral health needs. Expenditures data are suppressed for single counties and single-geography custom areas. Rank data are not available custom report areas or multi-county areas.

Report Area	State Rank	Z-Score (US)	Z-Score (State)	Average Expenditures (USD)	Percentage of Food-At-Home Expenditures
Saline County, MO	102	0.81	0.43	suppressed	suppressed
Missouri	no data	0.36	0	\$849.54	15.03%
United States	no data	no data	no data	\$839.54	14.29%

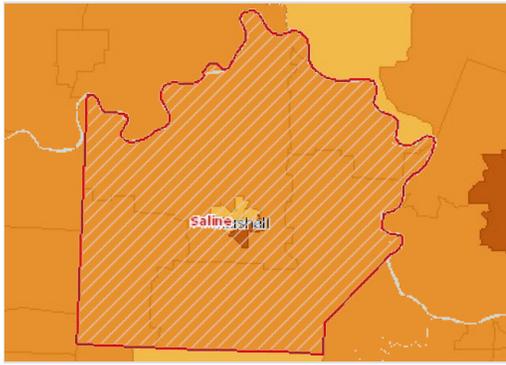
Note: This indicator is compared with the state average.

Data Source: Nielsen, [Nielsen SiteReports](#). 2014. Source geography: Tract

Alcoholic Beverage Expenditures, Percentage of Total Food-At-Home Expenditures



- Missouri (15.03%)
- United States (14.29%)



Alcoholic Beverage Expenditures, Percent of Food-At-Home Expenditures, National Rank by Tract, Nielsen 2014

- 1st Quintile (Highest Expenditures)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Lowest Expenditures)
- No Data or Data Suppressed
- Report Area

Tobacco Usage - Current Smokers

In the report area an estimated 5,174, or 29% of adults age 18 or older self-report currently smoking cigarettes some days or every day. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease.

Report Area	Total Population Age 18	Total Adults Regularly Smoking Cigarettes	Percent Population Smoking Cigarettes (Crude)	Percent Population Smoking Cigarettes (Age-Adjusted)
Saline County, MO	17,841	5,174	29%	31.9%
Missouri	4,532,155	1,024,267	22.6%	23.2%
United States	232,556,016	41,491,223	17.8%	18.1%

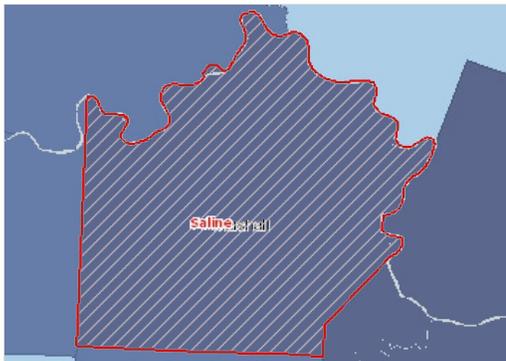
Percent Population Smoking Cigarettes (Age-Adjusted)



- Saline County, MO (31.9%)
- Missouri (23.2%)
- United States (18.1%)

Note: This indicator is compared with 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



Current Smokers, Adult, Percent of Adults Age 18 by County, BRFSS 2006-12

- Over 26.0%
- 22.1 - 26.0%
- 18.1 - 22.0%
- Under 18.1%
- No Data or Data Suppressed
- Report Area

Tobacco Usage - Former or Current Smokers

In the report area, an estimated 9,161 adults, or 66.41%, report ever smoking 100 or more cigarettes. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease.

Report Area	Survey Population (Adults Age 18)	Total Adults Ever Smoking 100 or More Cigarettes	Percent Adults Ever Smoking 100 or More Cigarettes
Saline County, MO	13,795	9,161	66.41%
Missouri	4,535,528	2,224,446	49.04%
United States	235,151,778	103,842,020	44.16%

Percent Adults Ever Smoking 100 or More Cigarettes



- Saline County, MO (66.41%)
- Missouri (49.04%)
- United States (44.16%)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#), 2011-12. Source geography: County

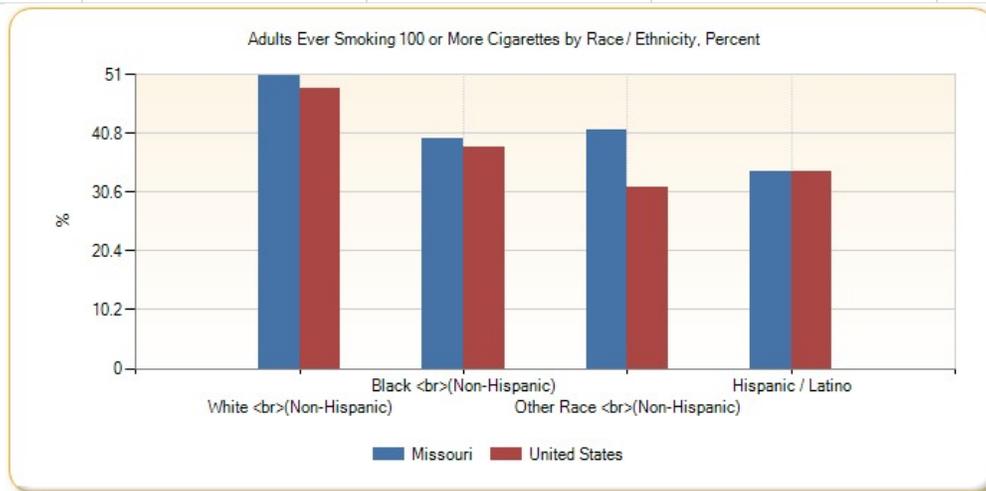


Adults Age 18 Smoking > 99 Cigarettes (Ever), Percent by County, BRFSS 2011-12

- Over 56.0%
- 48.1 - 56.0%
- 40.1 - 48.0%
- Under 40.1%
- No Data or Data Suppressed
- Report Area

Adults Ever Smoking 100 or More Cigarettes by Race / Ethnicity, Percent

Report Area	White (Non-Hispanic)	Black (Non-Hispanic)	Other Race (Non-Hispanic)	Hispanic / Latino
Missouri	50.82%	39.9%	41.38%	34.04%
United States	48.52%	38.34%	31.3%	34.17%



Tobacco Usage - Quit Attempt

An estimated 32.48% of adult smokers in the report area attempted to quit smoking for at least 1 day in the past year. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease and supporting efforts to quit smoking may increase positive health outcomes.

Report Area	Survey Population (Smokers Age 18)	Total Smokers with Quit Attempt in Past 12 Months	Percent Smokers with Quit Attempt in Past 12 Months
Saline County, MO	5,005	1,626	32.48%
Missouri	1,109,658	596,738	53.78%
United States	45,526,654	27,323,073	60.02%

Percent Smokers with Quit Attempt in Past 12 Months



- Saline County, MO (32.48%)
- Missouri (53.78%)
- United States (60.02%)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#), 2011-12. Source geography: County

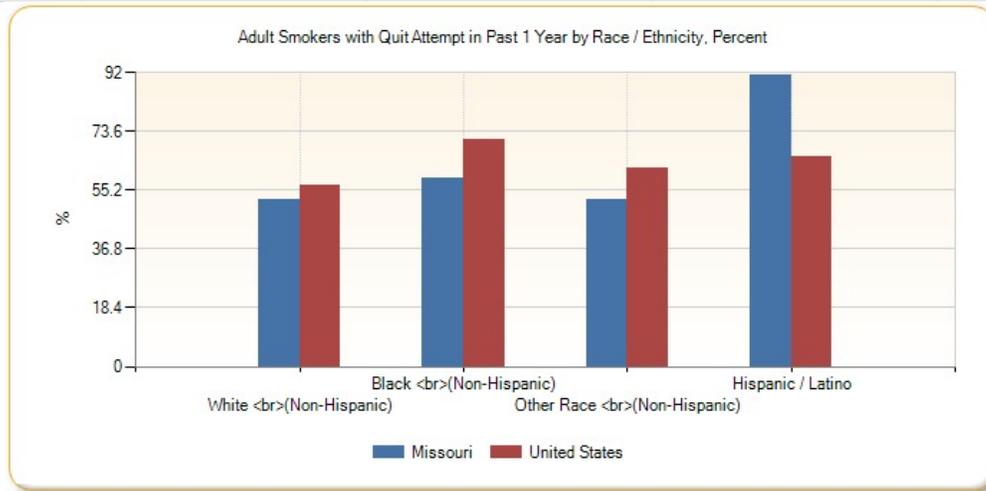


Smokers Who Quit / Attempted to Quit in Past 12 Months, Percent by County, BRFSS 2011-12

- Over 64.0%
- 58.1 - 64.0%
- 52.1 - 58.0%
- Under 52.1%
- No Data or Data Suppressed
- Report Area

Adult Smokers with Quit Attempt in Past 1 Year by Race / Ethnicity, Percent

Report Area	White (Non-Hispanic)	Black (Non-Hispanic)	Other Race (Non-Hispanic)	Hispanic / Latino
Missouri	52.03%	58.99%	52.42%	91.21%
United States	56.63%	70.87%	62.26%	65.83%



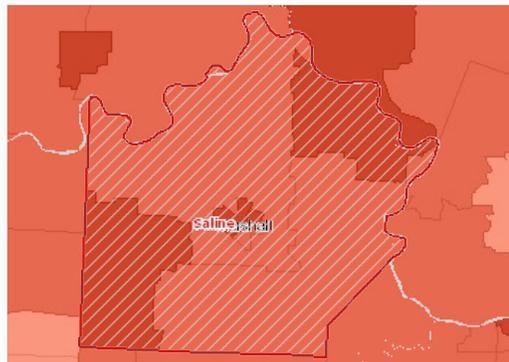
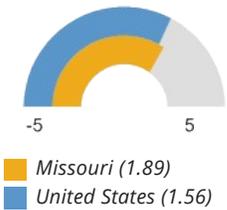
Tobacco Expenditures

This indicator reports estimated expenditures for cigarettes, as a percentage of total household expenditures. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease. Expenditures data are suppressed for single counties and single-geography custom areas. Rank data are not available custom report areas or multi-county areas. Expenditures data are suppressed for single counties and single-geography custom areas. Rank data are not available custom report areas or multi-county areas.

Report Area	State Rank	Z-Score (US)	Z-Score (State)	Average Expenditures (USD)	Percentage of Food-At-Home Expenditures
Saline County, MO	39	1.67	1.19	suppressed	suppressed
Missouri	no data	0.31	0	\$935.41	1.89%
United States	no data	no data	no data	\$822.7	1.56%

Note: This indicator is compared with the state average.
 Data Source: Nielsen, [Nielsen SiteReports](#), 2014. Source geography: Tract

Cigarette Expenditures, Percentage of Total Household Expenditures



Cigarette Expenditures, Percent of Total Expenditures, National Rank by Tract, Nielsen 2014

- 1st Quintile (Highest Expenditures)
- 2nd Quintile
- 3rd Quintile
- 4th Quintile
- 5th Quintile (Lowest Expenditures)
- No Data or Data Suppressed
- Report Area

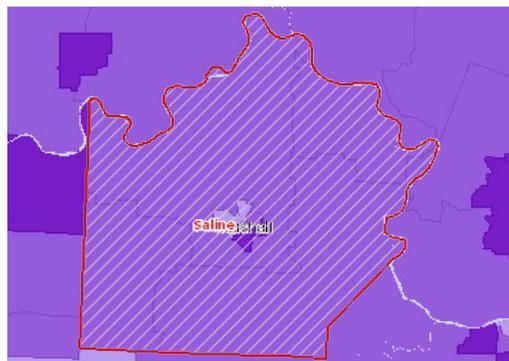
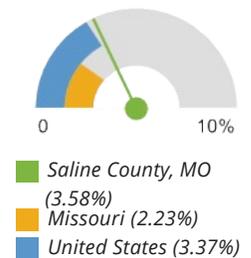
Walking or Biking to Work

This indicator reports the percentage of the population that commutes to work by either walking or riding a bicycle.

Report Area	Population Age 16	Population Walking or Biking to Work	Percentage Walking or Biking to Work
Saline County, MO	10,401	372	3.58%
Missouri	2,747,017	61,252	2.23%
United States	141,337,152	4,764,868	3.37%

Note: This indicator is compared with the state average.
 Data Source: US Census Bureau, [American Community Survey](#), 2010-14. Source geography: Tract

Percentage Walking or Biking to Work



Workers Traveling to Work by Walking/Biking, Percent by Tract, ACS 2010-14

- Over 4.0%
- 1.1 - 4.0%
- 0.1 - 1.0%
- No Workers Walking or Biking
- No Data or Data Suppressed
- Report Area

Health Outcomes

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

Asthma Prevalence

This indicator reports the percentage of adults aged 18 and older who self-report that they have ever been told by a doctor, nurse, or other health professional that they had asthma. This indicator is relevant because asthma is a prevalent problem in the U.S. that is often exacerbated by poor environmental conditions.

Report Area	Survey Population (Adults Age 18)	Total Adults with Asthma	Percent Adults with Asthma
Saline County, MO	14,050	1,349	9.6%
Missouri	4,553,696	644,403	14.2%
United States	237,197,465	31,697,608	13.4%

Percent Adults with Asthma



- Saline County, MO (9.6%)
- Missouri (14.2%)
- United States (13.4%)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#), 2011-12. Source geography: County

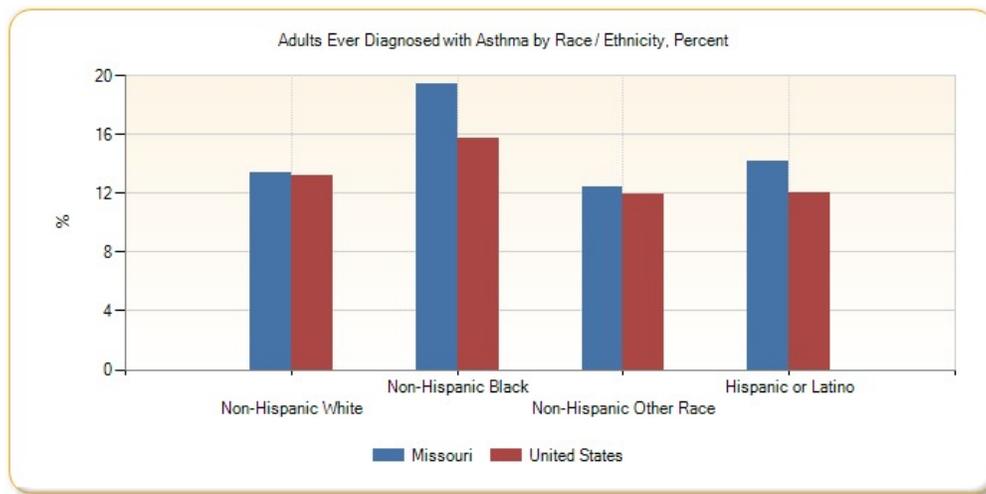


Asthma (Diagnosed), Percent of Adults Age 18 by County, BRFSS 2011-12

- Over 16.0%
- 13.1 - 16.0%
- 10.1 - 13.0%
- Under 10.1%
- No Data or Data Suppressed
- Report Area

Adults Ever Diagnosed with Asthma by Race / Ethnicity, Percent

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Missouri	13.35%	19.45%	12.46%	14.13%
United States	13.19%	15.75%	11.9%	12.02%

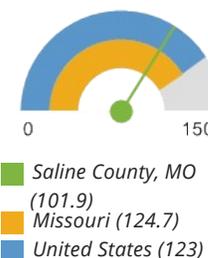


Cancer Incidence - Breast

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of females with breast cancer adjusted to 2000 U.S. standard population age groups (Under Age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Sample Population (Female)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Saline County, MO	1,472	15	101.9
Missouri	360,866	4,500	124.7
United States	17,902,845	220,205	123

Annual Breast Cancer Incidence Rate (Per 100,000 Pop.)



Note: This indicator is compared with the state average.

Data Source: National Institutes of Health, National Cancer Institute, [Surveillance, Epidemiology, and End Results Program](#), [State Cancer Profiles](#). 2008-12. Source geography: County

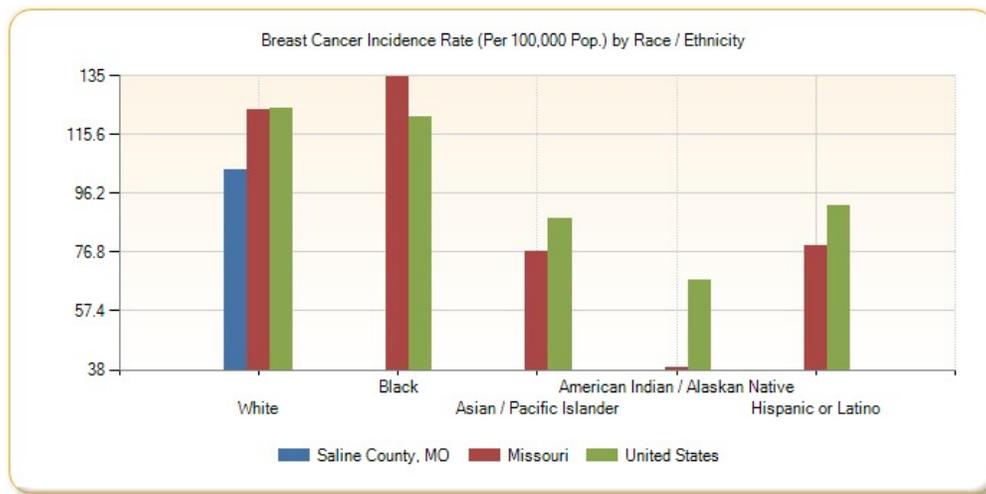


Breast Cancer, Incidence Rate (Per 100,000 Pop.) by County, State Cancer Profiles 2008-12

- Over 130.0
- 115.1 - 130.0
- 100.1 - 115.0
- 0.1 - 100.0
- Data Suppressed (<16 Cases)
- No Data
- Report Area

Breast Cancer Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	104.1	no data	no data	no data	no data
Missouri	123.7	134.7	77.1	38.2	78.7
United States	124	121.4	87.8	67.5	92



Breast Cancer Incidence (Average Annual New Cases) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic / Latino
Saline County, MO	15	no data	no data	no data	no data
Missouri	3,956	475	38	6	45
United States	184,671	24,776	7,636	1,080	15,988

Cancer Incidence - Cervical

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of females with cervical cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Sample Population (Female)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Saline County, MO	no data	no data	no data
Missouri	310,714	261	8.4
United States	16,202,597	12,476	7.7
HP 2020 Target			<= 7.1

Annual Cervical Cancer Incidence Rate (Per 100,000 Pop.)



Missouri (8.4)
United States (7.7)

Note: This indicator is compared with the state average.

Data Source: National Institutes of Health, National Cancer Institute, [Surveillance, Epidemiology, and End Results Program](#), [State Cancer Profiles](#). 2008-12. Source geography: County

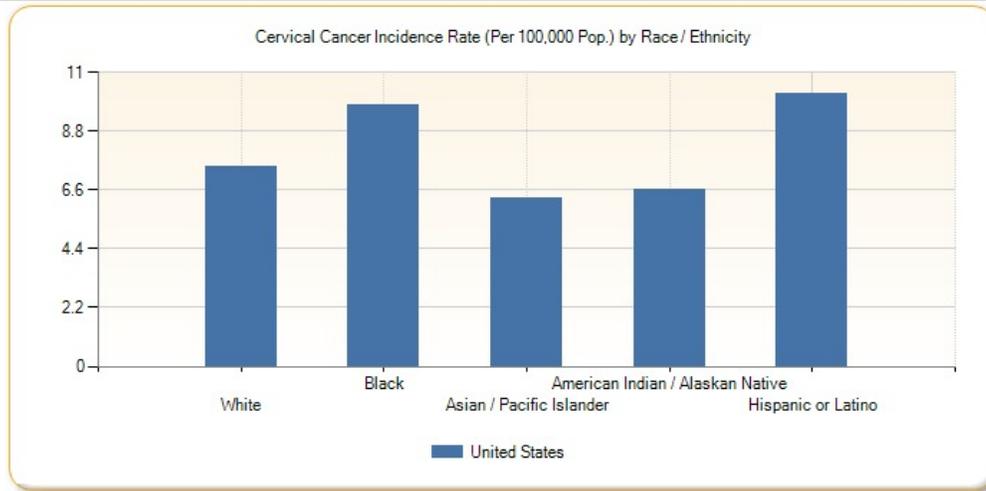


Cervical Cancer, Incidence Rate (Per 100,000 Pop.) by County, State Cancer Profiles 2008-12

- Over 14.0
- 10.1 - 14.0
- 6.1 - 10.0
- 0.1 - 6.0
- Data Suppressed (<16 Cases)
- No Data
- Report Area

Cervical Cancer Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	no data	no data	no data	no data	no data
Missouri	no data	no data	no data	no data	no data
United States	7.5	9.8	6.3	6.6	10.2



Cervical Cancer Incidence (Average Annual New Cases) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic / Latino
Saline County, MO	no data	no data	no data	no data	no data
Missouri	no data	no data	no data	no data	no data
United States	9,571	2,012	559	121	2,028

Cancer Incidence - Colon and Rectum

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of colon and rectum cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Sample Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Saline County, MO	2,758	12	43.5
Missouri	679,325	3,023	44.5
United States	33,516,229	140,433	41.9
HP 2020 Target			<= 38.7

Annual Colon and Rectum Cancer Incidence Rate (Per 100,000 Pop.)



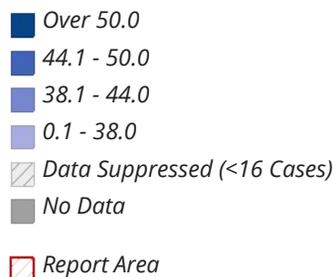
Note: This indicator is compared with the state average.

Data Source: National Institutes of Health, National Cancer Institute, [Surveillance, Epidemiology, and End Results Program, State Cancer Profiles](#). 2008-12. Source geography: County

- Saline County, MO (43.5)
- Missouri (44.5)
- United States (41.9)

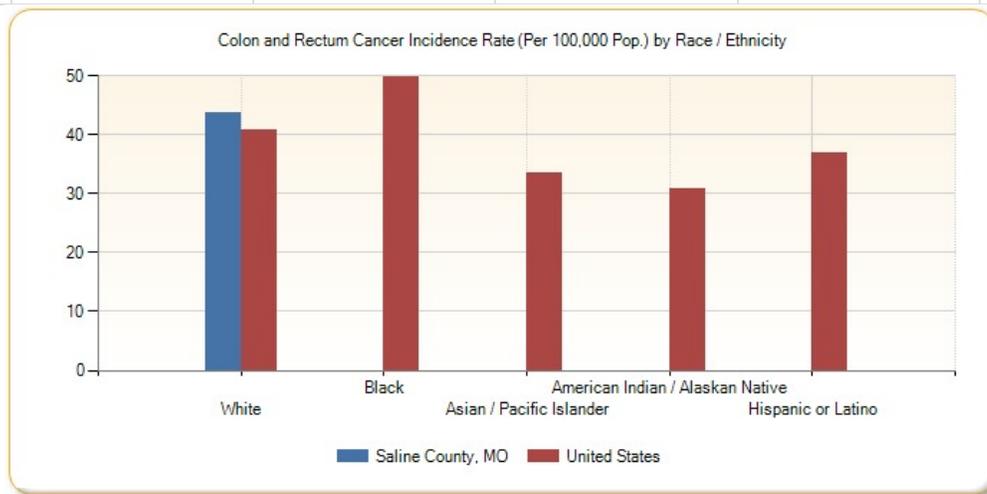


Colo-Rectal Cancer, Incidence Rate (Per 100,000 Pop.) by County, State Cancer Profiles 2008-12



Colon and Rectum Cancer Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	43.6	no data	no data	no data	no data
Missouri	no data	no data	no data	no data	no data
United States	40.8	49.7	33.4	30.9	36.8



Colon and Rectum Cancer Incidence (Average Annual New Cases) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic / Latino
Saline County, MO	12	no data	no data	no data	no data
Missouri	no data	no data	no data	no data	no data
United States	116,440	16,920	4,741	833	10,352

Cancer Incidence - Lung

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of colon and rectum cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Sample Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Saline County, MO	2,853	23	80.6
Missouri	687,139	5,236	76.2
United States	33,565,463	213,812	63.7

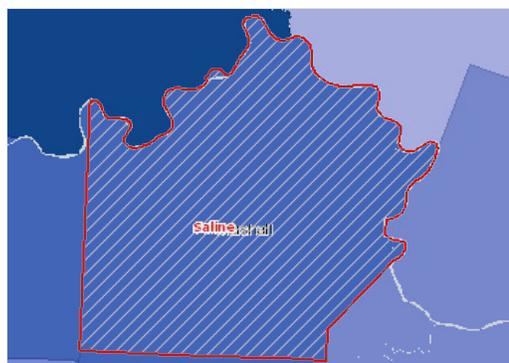
Annual Lung Cancer Incidence Rate (Per 100,000 Pop.)



■ Saline County, MO (80.6)
■ Missouri (76.2)
■ United States (63.7)

Note: This indicator is compared with the state average.

Data Source: National Institutes of Health, National Cancer Institute, [Surveillance, Epidemiology, and End Results Program, State Cancer Profiles](#). 2008-12. Source geography: County

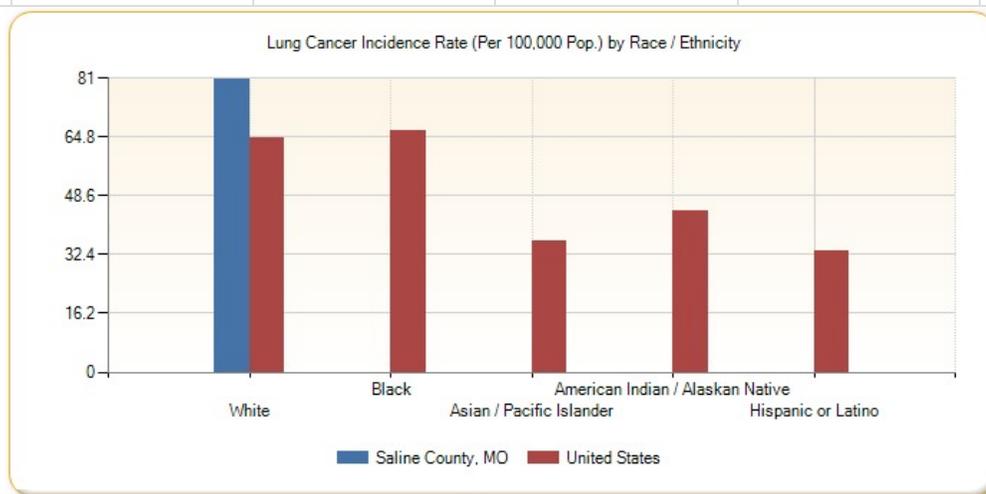


Lung Cancer, Incidence Rate (Per 100,000 Pop.) by County, State Cancer Profiles 2008-12

- Over 84.0
- 72.1 - 84.0
- 60.1 - 72.0
- 0.1 - 60.0
- ▨ Data Suppressed (<16 Cases)
- No Data
- Report Area

Lung Cancer Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	80.5	no data	no data	no data	no data
Missouri	no data	no data	no data	no data	no data
United States	64.4	66.6	36.1	44.5	33.5



Lung Cancer Incidence (Average Annual New Cases) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic / Latino
Saline County, MO	22	no data	no data	no data	no data

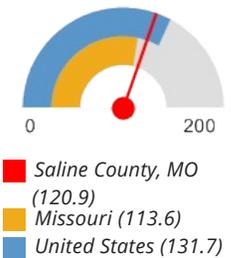
Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic / Latino
Missouri	no data	no data	no data	no data	no data
United States	184,644	22,330	4,821	1,102	8,533

Cancer Incidence - Prostate

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of males with prostate cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

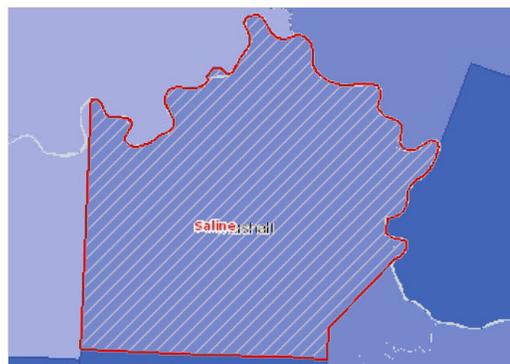
Report Area	Sample Population (Male)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Saline County, MO	1,406	17	120.9
Missouri	327,992	3,726	113.6
United States	15,967,881	210,297	131.7

Annual Prostate Cancer Incidence Rate (Per 100,000 Pop.)

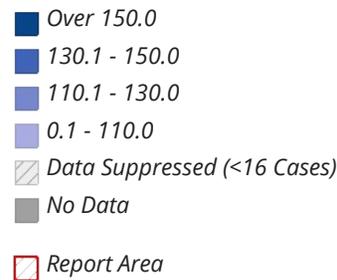


Note: This indicator is compared with the state average.

Data Source: National Institutes of Health, National Cancer Institute, [Surveillance, Epidemiology, and End Results Program. State Cancer Profiles](#). 2008-12. Source geography: County

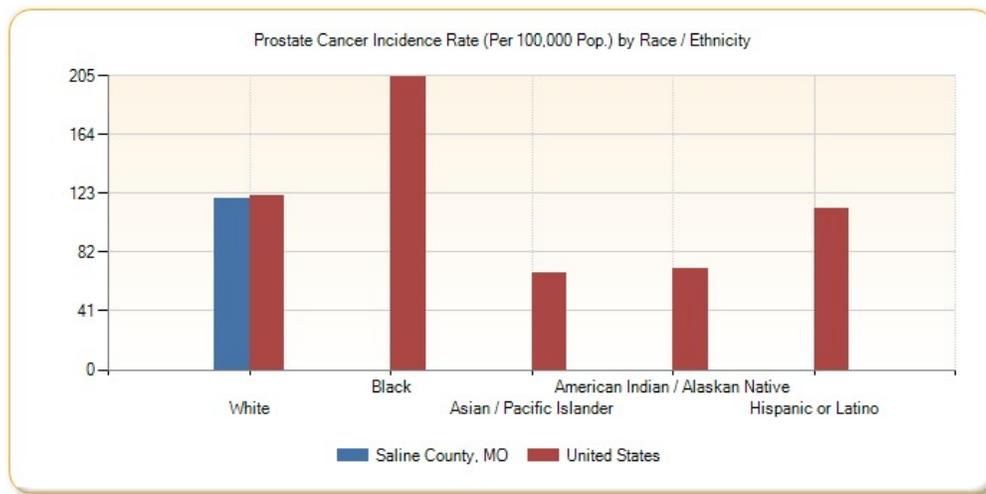


Prostate Cancer, Incidence Rate (Per 100,000 Pop.) by County, State Cancer Profiles 2008-12



Prostate Cancer Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	118.9	no data	no data	no data	no data
Missouri	no data	no data	no data	no data	no data
United States	121.5	204.3	67.4	70.1	112.2



Prostate Cancer Incidence (Average Annual New Cases) by Race / Ethnicity

Report Area	White	Black	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanic / Latino
Saline County, MO	16	no data	no data	no data	no data
Missouri	no data	no data	no data	no data	no data
United States	166,250	31,117	4,168	826	13,584

Depression (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with depression.

Report Area	Total Medicare Beneficiaries	Beneficiaries with Depression	Percent with Depression
Saline County, MO	3,621	590	16.3%
Missouri	771,145	143,706	18.6%
United States	34,126,305	5,271,176	15.4%

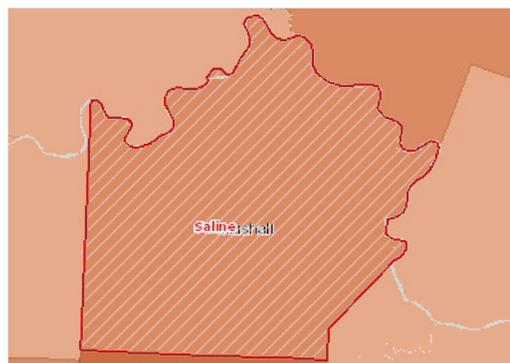
Note: This indicator is compared with the state average.

Data Source: [Centers for Medicare and Medicaid Services](#), 2012. Source geography: County

Percentage of Medicare Beneficiaries with Depression



- Saline County, MO (16.3%)
- Missouri (18.6%)
- United States (15.4%)



Beneficiaries with Depression, Percent by County, CMS 2012

- Over 18.0%
- 15.1 - 18.0%
- 12.1 - 15.0%
- Under 12.1%
- No Data or Data Suppressed
- Report Area

Diabetes (Adult)

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

Report Area	Total Population Age 20	Population with Diagnosed Diabetes	Population with Diagnosed Diabetes, Crude Rate	Population with Diagnosed Diabetes, Age-Adjusted Rate
Saline County, MO	17,297	1,920	11.1	9.8%
Missouri	4,451,148	476,233	10.7	9.62%
United States	234,058,710	23,059,940	9.85	9.11%

Percent Adults with Diagnosed Diabetes (Age-Adjusted)



- Saline County, MO (9.8%)
- Missouri (9.62%)
- United States (9.11%)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Center for Chronic Disease Prevention and Health Promotion](#), 2012. Source geography: County

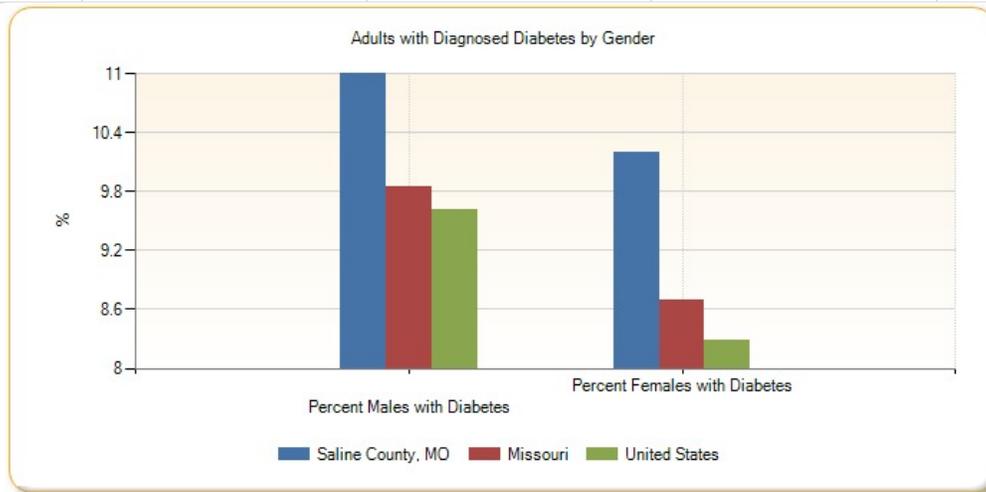


Diabetes Prevalence, Percent of Adults Age 20 by County, CDC NCCDPHP 2012

- Over 11.0%
- 9.6 - 11.0%
- 8.1 - 9.5%
- Under 8.1%
- Report Area

Adults with Diagnosed Diabetes by Gender

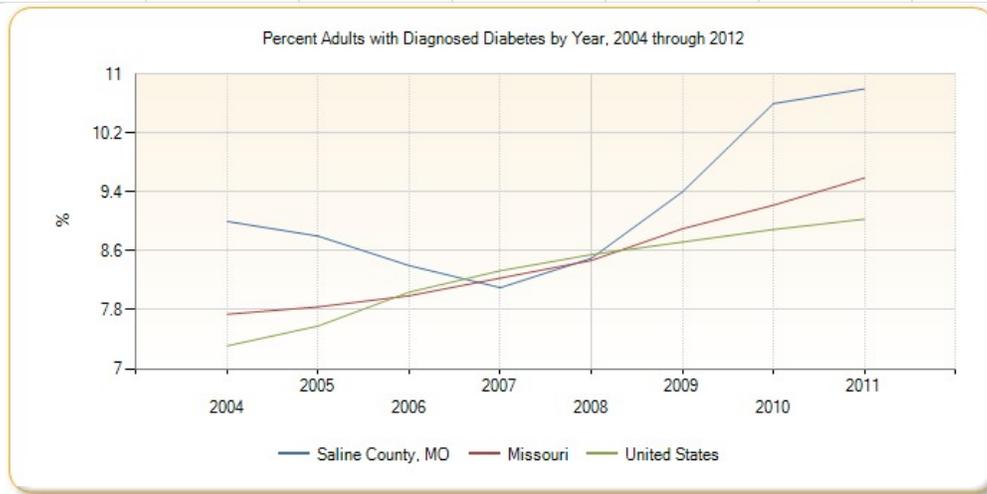
Report Area	Total Males with Diabetes	Percent Males with Diabetes	Total Females with Diabetes	Percent Females with Diabetes
Saline County, MO	1,010	11%	1,040	10.2%
Missouri	223,426	9.85%	221,473	8.69%
United States	10,907,085	9.62%	10,574,108	8.28%



Percent Adults with Diagnosed Diabetes by Year, 2004 through 2012

Report Area	2004	2005	2006	2007	2008	2009	2010	2011
Saline County, MO	9.8%	9.8%	9.8%	9.8%	9.8%	9.8%	9.8%	9.8%
Missouri	9.62%	9.62%	9.62%	9.62%	9.62%	9.62%	9.62%	9.62%
United States	9.11%	9.11%	9.11%	9.11%	9.11%	9.11%	9.11%	9.11%

Saline County, MO	9%	8.8%	8.4%	8.1%	8.5%	9.4%	10.6%	10.8%
Missouri	7.74%	7.84%	7.99%	8.23%	8.47%	8.9%	9.22%	9.59%
United States	7.31%	7.58%	8.04%	8.33%	8.55%	8.72%	8.89%	9.03%



Diabetes (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with diabetes.

Report Area	Total Medicare Beneficiaries	Beneficiaries with Diabetes	Percent with Diabetes
Saline County, MO	3,621	1,163	32.12%
Missouri	771,145	201,307	26.1%
United States	34,126,305	9,224,278	27.03%

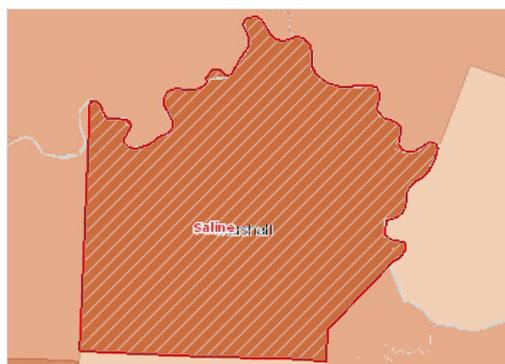
Note: This indicator is compared with the state average.

Data Source: [Centers for Medicare and Medicaid Services](#). 2012. Source geography: County

Percentage of Medicare Beneficiaries with Diabetes



- Saline County, MO (32.12%)
- Missouri (26.1%)
- United States (27.03%)



Beneficiaries with Diabetes, Percent by County, CMS 2012

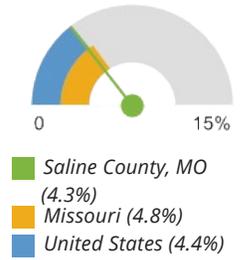
- Over 30.0%
- 27.1 - 30.0%
- 24.1 - 27.0%
- Under 24.1%
- No Data or Data Suppressed
- Report Area

Heart Disease (Adult)

593, or 4.3% of adults aged 18 and older have ever been told by a doctor that they have coronary heart disease or angina. This indicator is relevant because coronary heart disease is a leading cause of death in the U.S. and is also related to high blood pressure, high cholesterol, and heart attacks.

Report Area	Survey Population (Adults Age 18)	Total Adults with Heart Disease	Percent Adults with Heart Disease
Saline County, MO	13,651	593	4.3%
Missouri	4,527,296	218,318	4.8%
United States	236,406,904	10,407,185	4.4%

Percent Adults with Heart Disease



Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#), 2011-12. Source geography: County

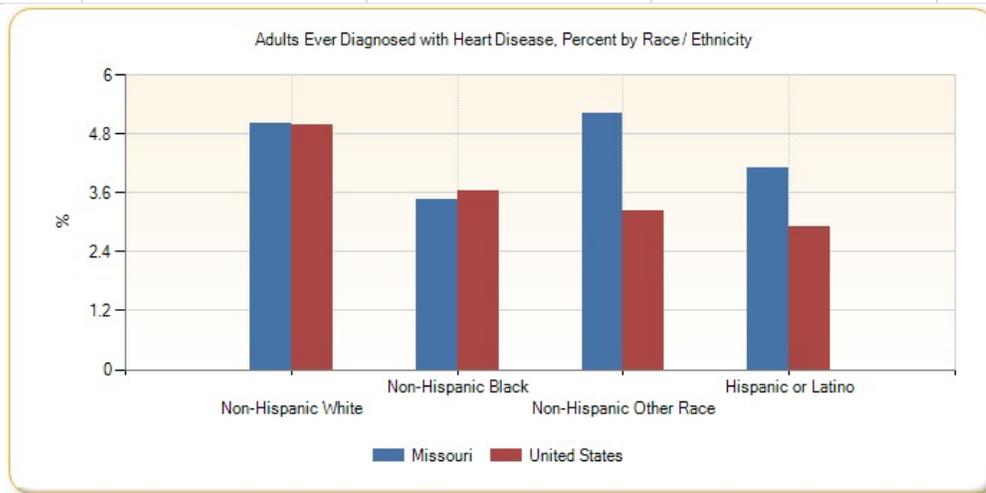


Heart Disease (Diagnosed), Percent of Adults Age 18 by County, BRFSS 2011-12



Adults Ever Diagnosed with Heart Disease, Percent by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Missouri	5%	3.47%	5.21%	4.1%
United States	4.99%	3.63%	3.23%	2.92%



Heart Disease (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with ischaemic heart disease.

Report Area	Total Medicare Beneficiaries	Beneficiaries with Heart Disease	Percent with Heart Disease
Saline County, MO	3,621	1,039	28.69%
Missouri	771,145	217,195	28.17%
United States	34,126,305	9,744,058	28.55%

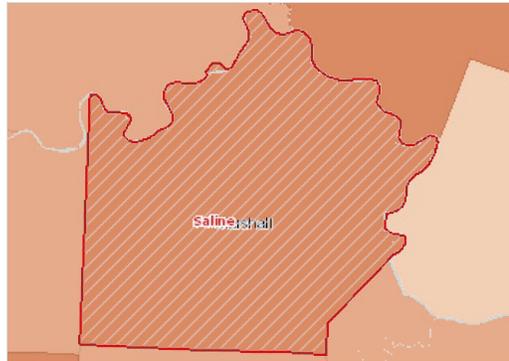
Note: This indicator is compared with the state average.

Data Source: [Centers for Medicare and Medicaid Services](#). 2012. Source geography: County

Percentage of Medicare Beneficiaries with Heart Disease



- Saline County, MO (28.69%)
- Missouri (28.17%)
- United States (28.55%)



Beneficiaries with Ischemic Heart Disease, Percent by County, CMS 2012

- Over 32.0%
- 28.1 - 32.0%
- 24.1 - 28.0%
- Under 24.1%
- No Data or Data Suppressed
- Report Area

High Blood Pressure (Adult)

6,137, or 34.4% of adults aged 18 and older have ever been told by a doctor that they have high blood pressure or hypertension.

Report Area	Total Population (Age 18)	Total Adults with High Blood Pressure	Percent Adults with High Blood Pressure
Saline County, MO	17,841	6,137	34.4%
Missouri	4,532,155	1,336,986	29.5%
United States	232,556,016	65,476,522	28.16%

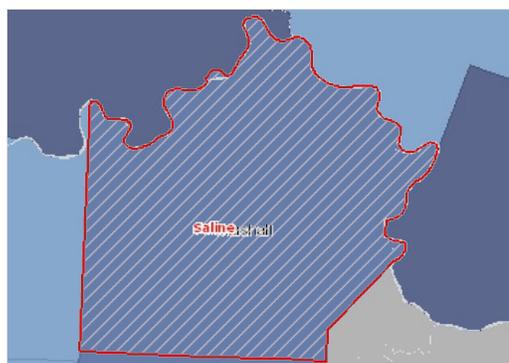
Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#). 2006-12. Source geography: County

Percent Adults with High Blood Pressure



- Saline County, MO (34.4%)
- Missouri (29.5%)
- United States (28.16%)



High Blood Pressure, Percent of Adults Age 18 by County, BRFSS 2006-12

- Over 35.0%
- 30.1 - 35.0%
- 25.1 - 30.0%
- Under 25.1%
- No Data or Data Suppressed
- Report Area

High Blood Pressure (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with hypertension (high blood pressure).

Report Area	Total Medicare Beneficiaries	Beneficiaries with High Blood Pressure	Percent with High Blood Pressure
Saline County, MO	3,621	2,159	59.62%
Missouri	771,145	424,899	55.1%
United States	34,126,305	18,936,118	55.49%

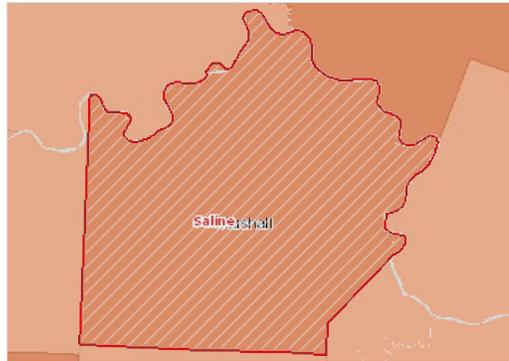
Note: This indicator is compared with the state average.

Data Source: [Centers for Medicare and Medicaid Services](#). 2012. Source geography: County

Percentage of Medicare Beneficiaries with High Blood Pressure



- Saline County, MO (59.62%)
- Missouri (55.1%)
- United States (55.49%)



Beneficiaries with High Blood Pressure, Percent by County, CMS 2012

- Over 60.0%
- 52.1 - 60.0%
- 44.1 - 52.0%
- Under 44.1%
- No Data or Data Suppressed
- Report Area

High Cholesterol (Adult)

This indicator reports the percentage of adults aged 18 and older who self-report that they have ever been told by a doctor, nurse, or other health professional that they had high blood cholesterol.

Report Area	Survey Population (Adults Age 18)	Total Adults with High Cholesterol	Percent Adults with High Cholesterol
Saline County, MO	9,316	2,844	30.52%
Missouri	3,449,710	1,394,360	40.42%
United States	180,861,326	69,662,357	38.52%

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#). 2011-12. Source geography: County

Percent Adults with High Cholesterol



- Saline County, MO (30.52%)
- Missouri (40.42%)
- United States (38.52%)

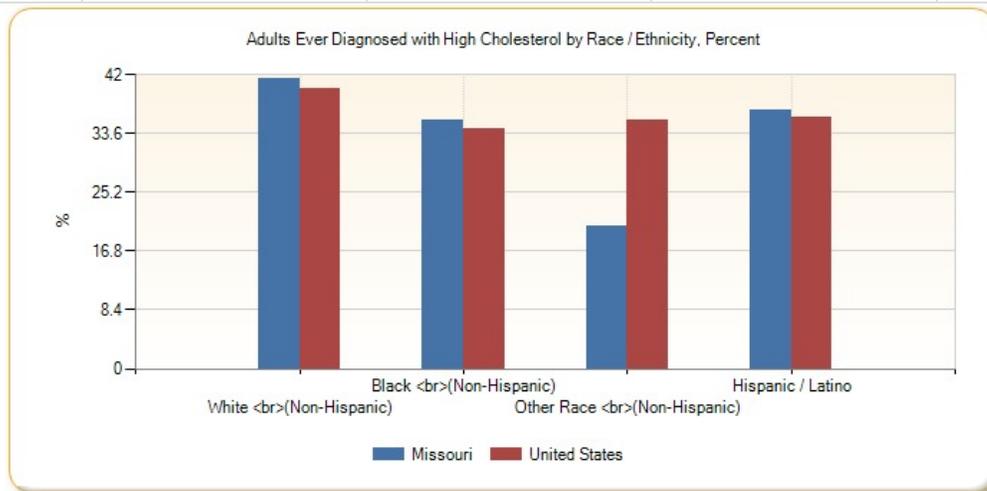


High Cholesterol (Diagnosed), Percent of Adults Age 18 by County, BRFSS 2011-12

- Over 48.0%
- 42.1 - 48.0%
- 36.1 - 42.0%
- Under 36.1%
- No Data or Data Suppressed
- Report Area

Adults Ever Diagnosed with High Cholesterol by Race / Ethnicity, Percent

Report Area	White (Non-Hispanic)	Black (Non-Hispanic)	Other Race (Non-Hispanic)	Hispanic / Latino
Missouri	41.44%	35.54%	20.3%	36.98%
United States	39.95%	34.28%	35.42%	35.97%



High Cholesterol (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with hyperlipidemia, which is typically associated with high cholesterol.

Report Area	Total Medicare Beneficiaries	Beneficiaries with High Cholesterol	Percent with High Cholesterol
Saline County, MO	3,621	1,323	36.54%
Missouri	771,145	327,740	42.5%
United States	34,126,305	15,273,052	44.75%

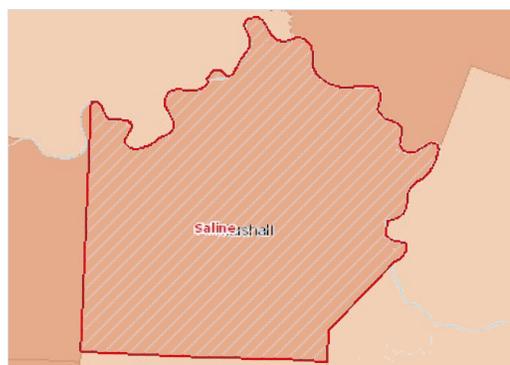
Note: This indicator is compared with the state average.

Data Source: [Centers for Medicare and Medicaid Services](#). 2012. Source geography: County

Percentage of Medicare Beneficiaries with High Cholesterol



- Saline County, MO (36.54%)
- Missouri (42.5%)
- United States (44.75%)



Beneficiaries with High Cholesterol, Percent by County, CMS 2012

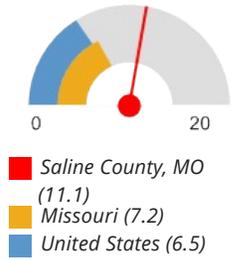
- Over 48.0%
- 42.1 - 48.0%
- 36.1 - 42.0%
- Under 36.1%
- No Data or Data Suppressed
- Report Area

Infant Mortality

This indicator reports the rate of deaths to infants less than one year of age per 1,000 births. This indicator is relevant because high rates of infant mortality indicate the existence of broader issues pertaining to access to care and maternal and child health.

Report Area	Total Births	Total Infant Deaths	Infant Mortality Rate (Per 1,000 Births)
Saline County, MO	1,540	17	11.1
Missouri	399,460	2,876	7.2
United States	20,913,535	136,369	6.5
HP 2020 Target			<= 6.0

Infant Mortality Rate (Per 1,000 Births)

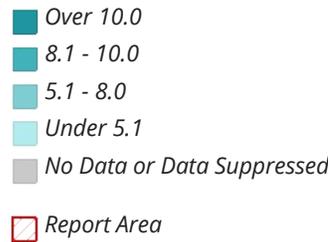


Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). Centers for Disease Control and Prevention, [Wide-Ranging Online Data for Epidemiologic Research](#), 2006-10. Source geography: County

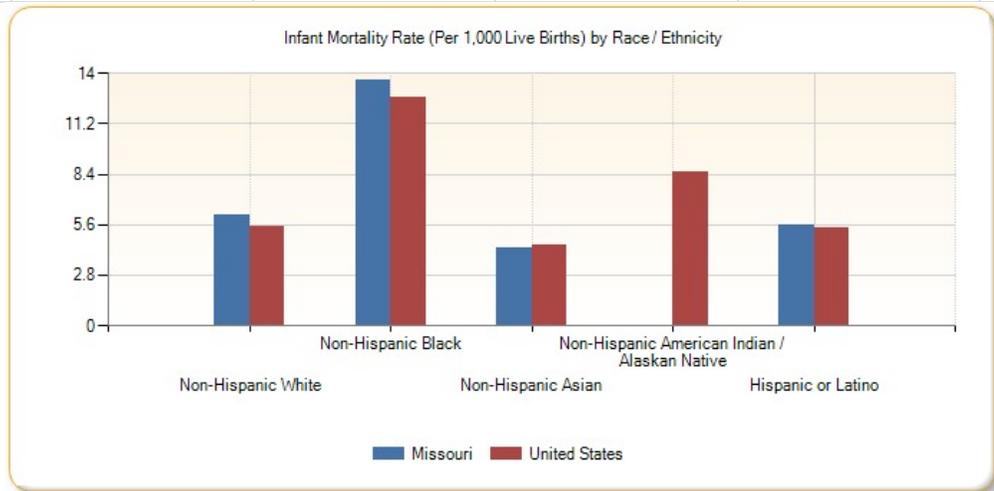


Infant Mortality, Rate (Per 1,000 Live Births) by County, AHRF 2006-10



Infant Mortality Rate (Per 1,000 Live Births) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Asian	Non-Hispanic American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	no data	no data	no data	no data	no data
Missouri	6.1	13.6	4.3	no data	5.6
United States	5.5	12.7	4.5	8.5	5.4



Low Birth Weight

This indicator reports the percentage of total births that are low birth weight (Under 2500g). This indicator is relevant because low birth weight infants are at high risk for health problems. This indicator can also highlight the existence of health disparities.

Report Area	Total Live Births	Low Weight Births (Under 2500g)	Low Weight Births, Percent of Total
Saline County, MO	2,100	176	8.4%
Missouri	556,612	44,529	8%
United States	29,300,495	2,402,641	8.2%
HP 2020 Target			<= 7.8%

Percent Low Birth Weight Births



■ Saline County, MO (8.4%)
■ Missouri (8%)
■ United States (8.2%)

Note: This indicator is compared with the state average.

Data Source: US Department of Health & Human Services, [Health Indicators Warehouse](#), Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#), 2006-12. Source geography: County

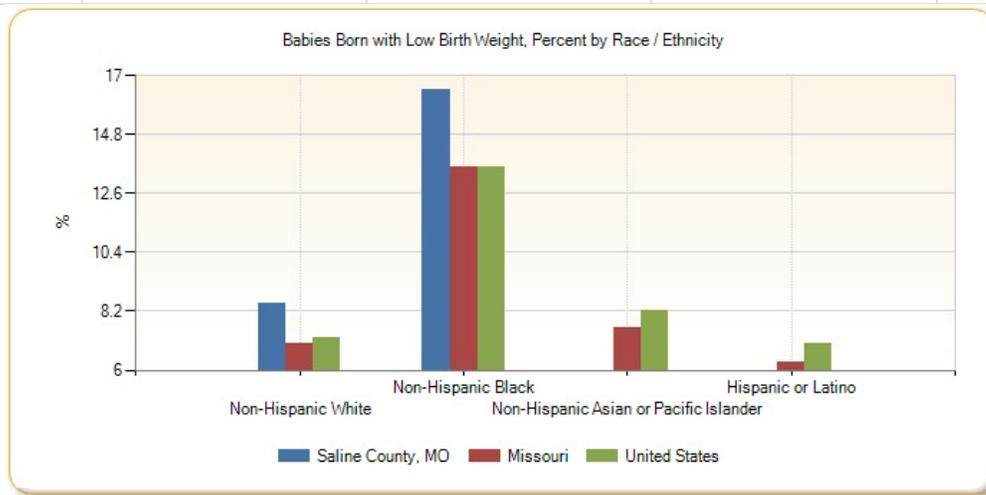


Low Birth Weight, Percent of Live Births by County, NVSS 2006-12

■ Over 10.0%
■ 8.1 - 10.0%
■ 6.1 - 8.0%
■ Under 6.1%
■ No Data or Data Suppressed
□ Report Area

Babies Born with Low Birth Weight, Percent by Race / Ethnicity

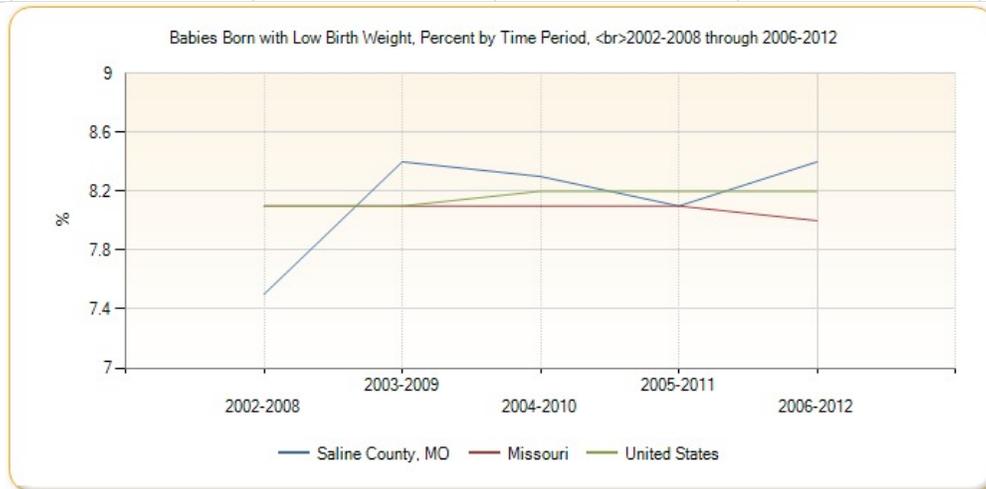
Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Asian or Pacific Islander	Hispanic or Latino
Saline County, MO	8.5%	16.5%	no data	no data
Missouri	7%	13.6%	7.6%	6.3%
United States	7.2%	13.6%	8.2%	7%



Babies Born with Low Birth Weight, Percent by Time Period, 2002-2008 through 2006-2012

Report Area	2002-2008	2003-2009	2004-2010	2005-2011	2006-2012
Saline County, MO	7.5%	8.4%	8.3%	8.1%	8.4%
Missouri	8.1%	8.1%	8.1%	8.1%	8%

Report Area	2002-2008	2003-2009	2004-2010	2005-2011	2006-2012
United States	8.1%	8.1%	8.2%	8.2%	8.2%



Mortality - Cancer

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

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Saline County, MO	23,292	62	267.9	206.9
Missouri	6,005,372	12,689	211.3	182.4
United States	311,430,373	577,313	185.4	168.9
HP 2020 Target				<= 160.6

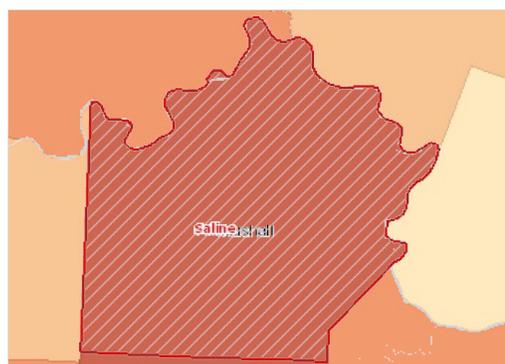
Cancer Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



- Saline County, MO (206.9)
- Missouri (182.4)
- United States (168.9)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2009-13. Source geography: County



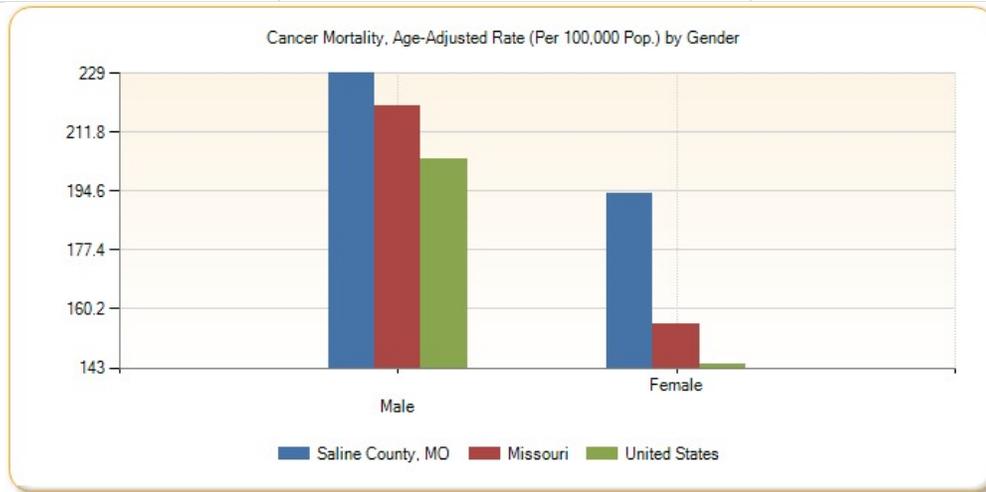
Cancer Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2009-13

- Over 200.0
- 180.1 - 200.0
- 160.1 - 180.0
- Under 160.1
- Data Suppressed (<20 Deaths)
- Report Area

Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

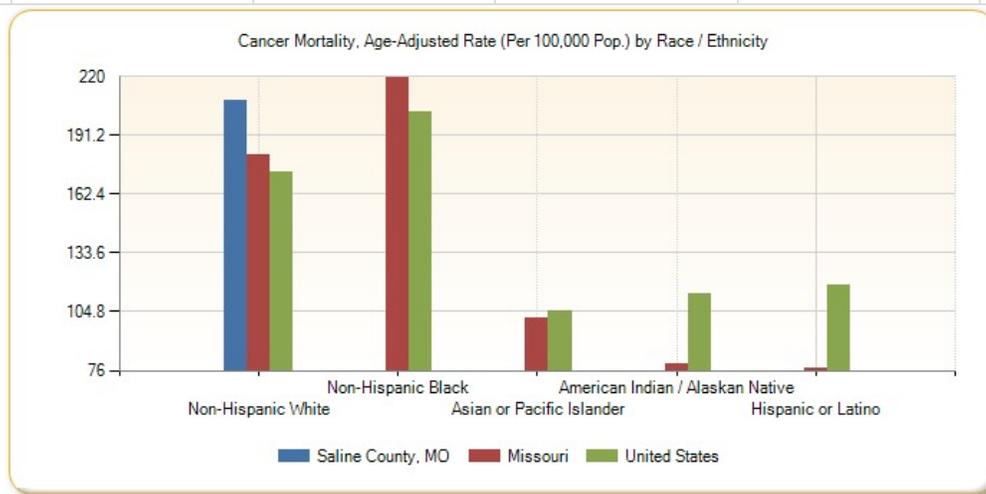
Report Area	Male	Female
Saline County, MO	228.9	193.9
Missouri	219.6	155.9

Report Area	Male	Female
United States	204	143.9



Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	208.4	no data	no data	no data	no data
Missouri	181.9	219.2	101.5	79.4	76.9
United States	173	202.7	105	113.4	117.4



Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2002 through 2013

Report Area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Missouri	204.1	202.1	201.1	198	195.8	190.9	189.5	185.7	185.6	179.4	182.4	179.4
United States	194.3	190.9	186.8	185.1	181.8	179.3	176.4	173.5	172.8	169	166.5	163.2



Mortality - Heart Disease

Within the report area the rate of death due to coronary heart disease per 100,000 population is 211. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because heart disease is a leading cause of death in the United States.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Saline County, MO	23,292	69	297.09	211
Missouri	6,005,372	13,881	231.14	198.5
United States	311,430,373	600,899	192.95	175

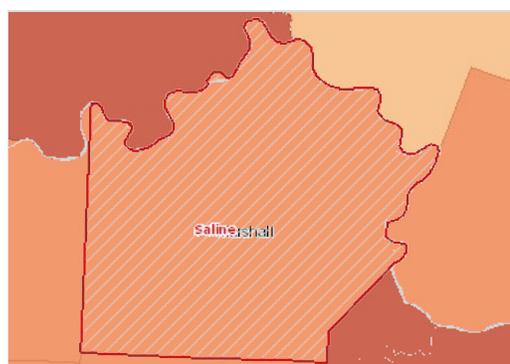
Heart Disease Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



- Saline County, MO (211)
- Missouri (198.5)
- United States (175)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2009-13. Source geography: County

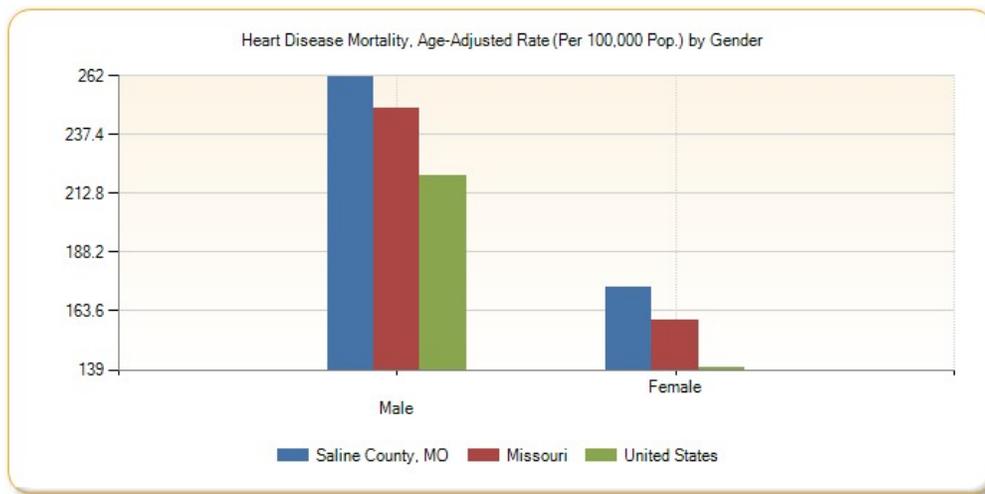


Heart Disease Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2009-13

- Over 240.0
- 200.1 - 240.0
- 160.1 - 200.0
- Under 160.1
- Data Suppressed (<20 Deaths)
- Report Area

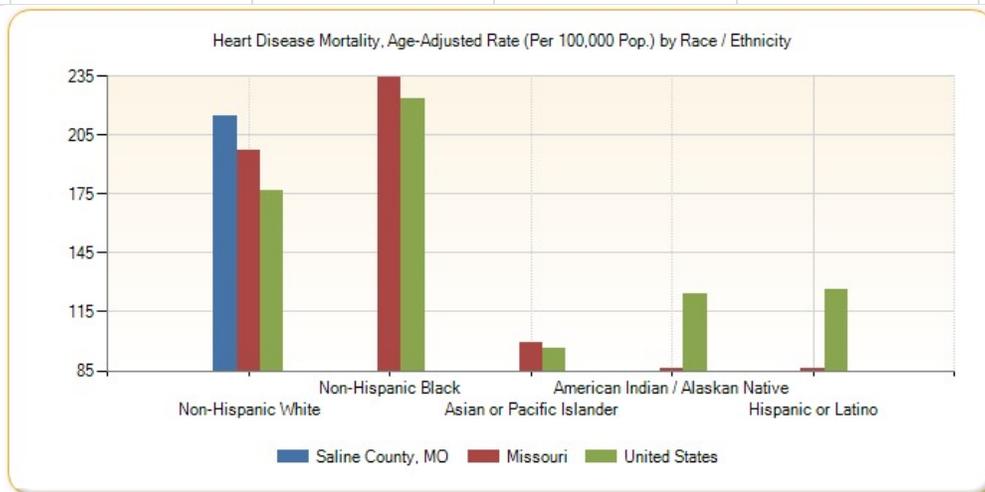
Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Saline County, MO	261.5	173.4
Missouri	248.2	159.4
United States	220.1	139.6



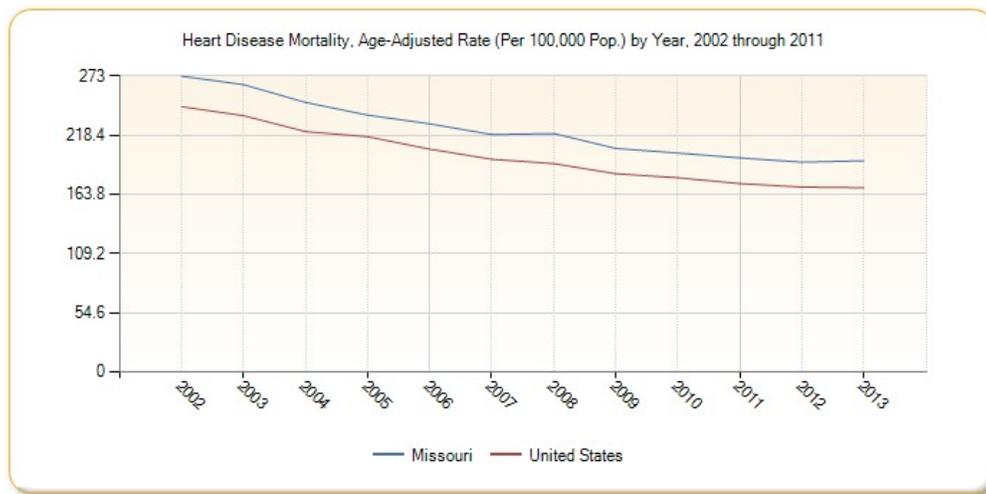
Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	214.5	no data	no data	no data	no data
Missouri	197.2	234.5	99.5	85.2	85.7
United States	176.4	223.1	96.1	124.4	126.6



Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2002 through 2011

Report Area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Missouri	272.7	264.9	248.5	236.8	228.8	218.9	219.8	206.1	201.8	197.4	193.4	194.7
United States	244.6	236.3	221.6	216.9	205.5	196.1	192.1	182.8	179.1	173.7	170.5	169.8

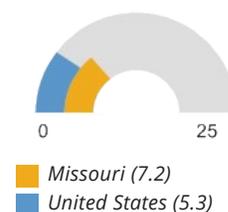


Mortality - Homicide

This indicator reports the rate of death due to assault (homicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummairized for report areas from county level data, only where data is available. This indicator is relevant because homicide rate is a measure of poor community safety and is a leading cause of premature death.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Saline County, MO	23,292	0	no data	no data
Missouri	6,005,372	420	7	7.2
United States	311,430,373	16,421	5.3	5.3
HP 2020 Target				<= 5.5

Homicide, Age-Adjusted Death Rate (Per 100,000 Pop.)



Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2009-13. Source geography: County

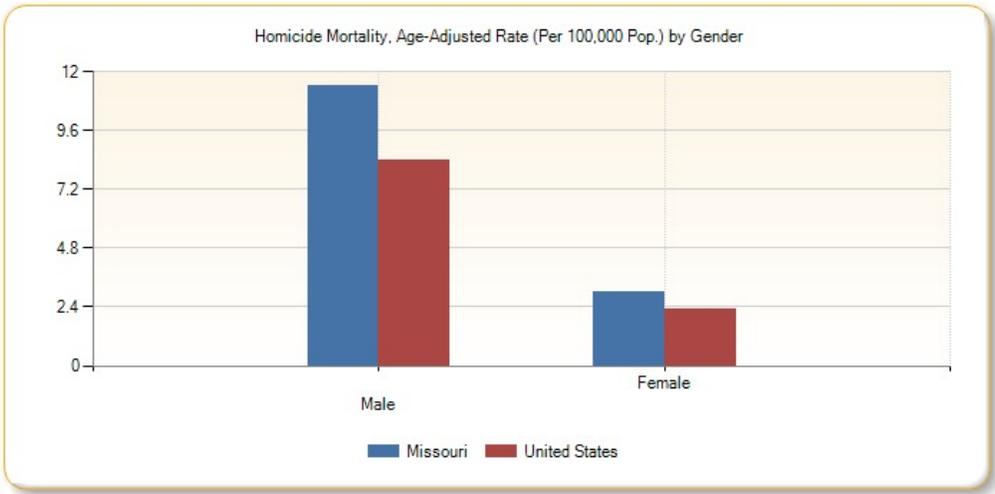


Homicide Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2009-13

- Over 9.0
- 6.1 - 9.0
- 3.1 - 6.0
- Under 3.1
- Data Suppressed (<20 Deaths)
- Report Area

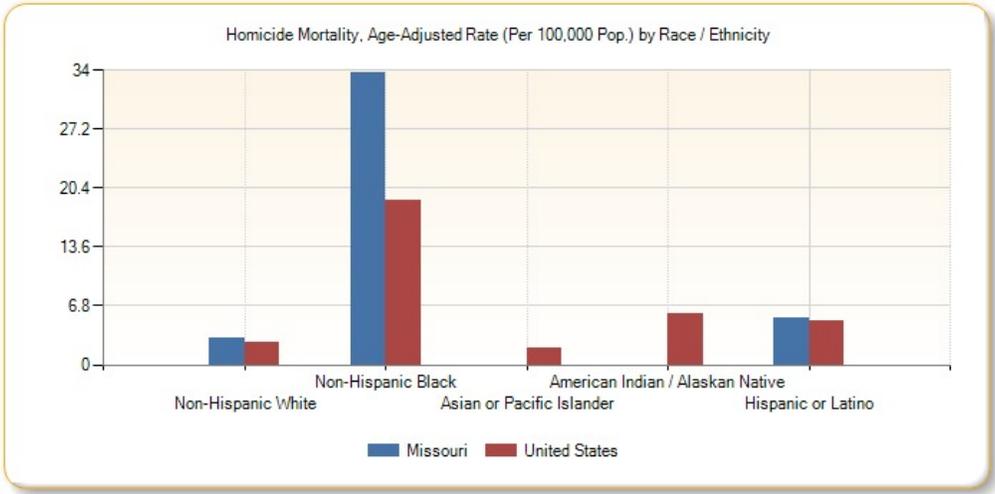
Homicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Saline County, MO	no data	no data
Missouri	11.4	3
United States	8.4	2.3



Homicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	no data	no data	no data	no data	no data
Missouri	3.1	33.7	no data	no data	5.4
United States	2.6	18.9	1.9	5.8	5.1



Homicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2002 through 2011

Report Area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Missouri	6.5	5.8	6.5	7.3	7.2	6.6	8.4	7.3	7.5	7.2	7.3	6.8
United States	6.1	6.1	5.9	6.2	6.3	6.2	5.9	5.5	5.3	5.3	5.4	5.2



Mortality - Ischaemic Heart Disease

Within the report area the rate of death due to coronary heart disease per 100,000 population is 149. This rate is greater than than the Healthy People 2020 target of less than or equal to 103.4. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because heart disease is a leading cause of death in the United States.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Saline County, MO	23,292	49	210.4	149
Missouri	6,005,372	8,965	149.3	128.1
United States	311,430,373	376,572	120.9	109.5
HP 2020 Target				<= 103.4

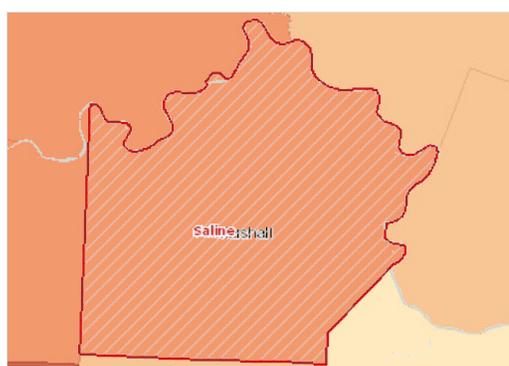
Coronary Heart Disease Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



- Saline County, MO (149)
- Missouri (128.1)
- United States (109.5)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2009-13. Source geography: County

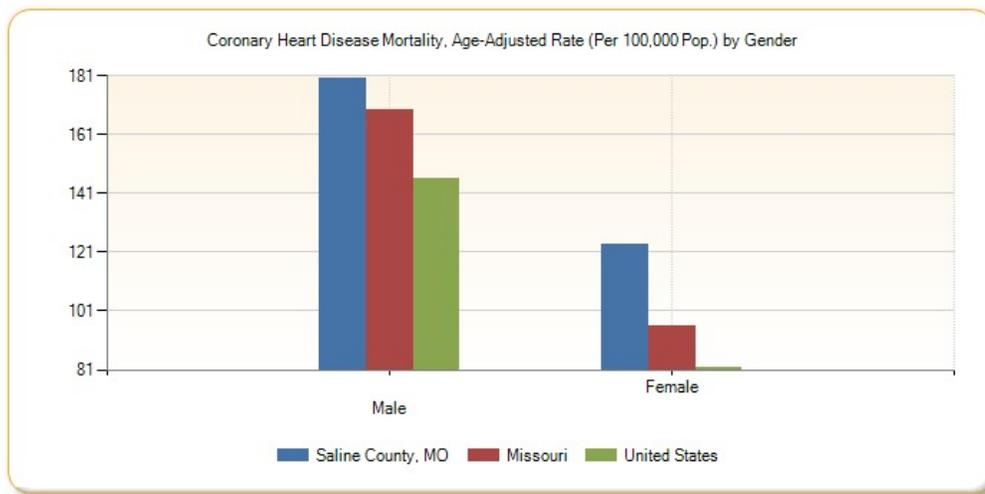


Ischaemic Heart Disease Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2009-13

- Over 150.0
- 120.1 - 150.0
- 100.1 - 120.0
- Under 100.1
- Data Suppressed (<20 Deaths)
- Report Area

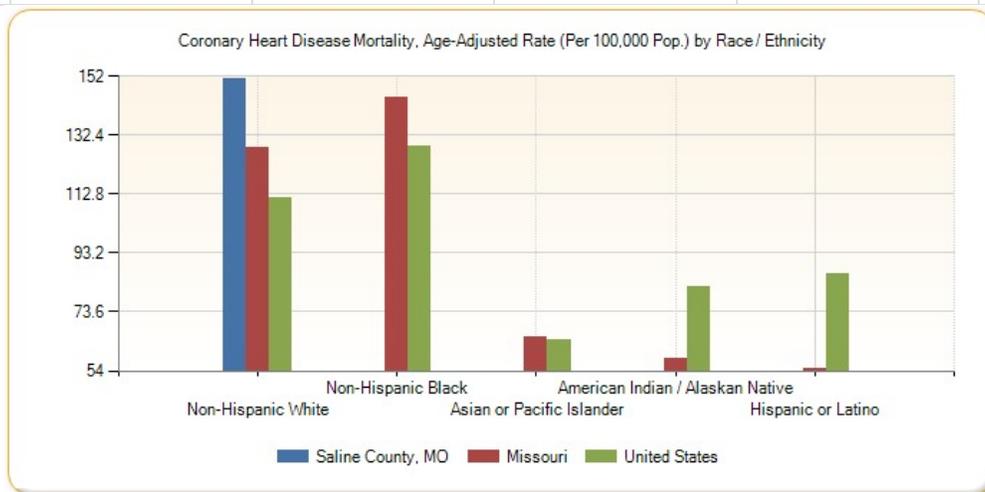
Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Saline County, MO	180.2	123.5
Missouri	169.3	95.8
United States	146.2	81.3



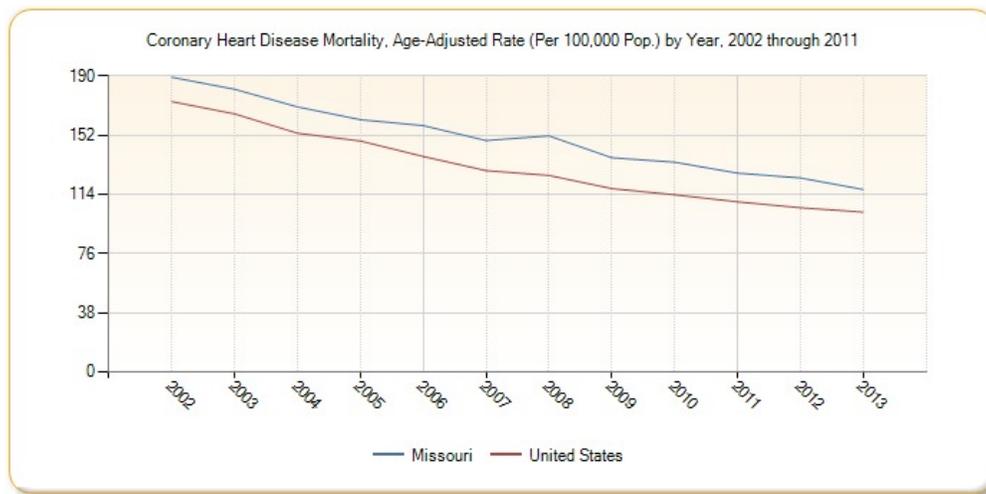
Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	151.2	no data	no data	no data	no data
Missouri	128.3	144.7	65.3	58.1	54.5
United States	111.3	128.6	64.1	81.7	86



Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2002 through 2011

Report Area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Missouri	189.1	181.4	170.1	161.9	158.1	148.5	151.5	137.5	134.6	127.6	124.5	117.1
United States	173.5	165.6	153.2	148.2	138.3	129.2	126.1	117.7	113.7	109.2	105.4	102.6



Mortality - Lung Disease

This indicator reports the rate of death due to chronic lower respiratory disease per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because lung disease is a leading cause of death in the United States.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Saline County, MO	23,292	17	72.99	54.1
Missouri	6,005,372	3,591	59.79	51.9
United States	311,430,373	142,214	45.66	42.2

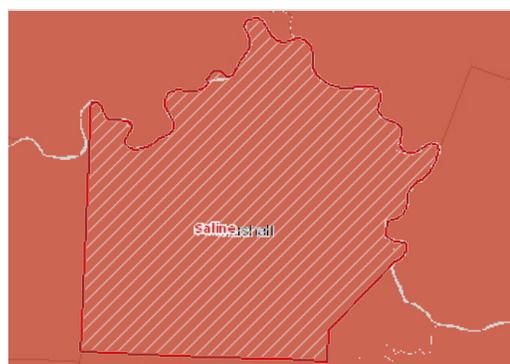
Lung Disease Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



- Saline County, MO (54.1)
- Missouri (51.9)
- United States (42.2)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2009-13. Source geography: County

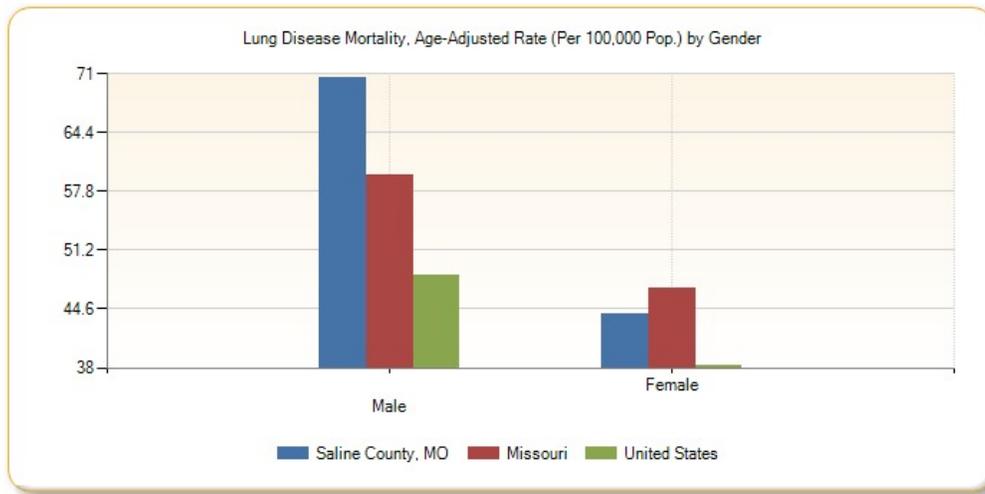


Lung Disease Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2009-13

- Over 24.0
- 18.1 - 24.0
- 14.1 - 18.0
- Under 14.1
- Data Suppressed (<20 Deaths)
- Report Area

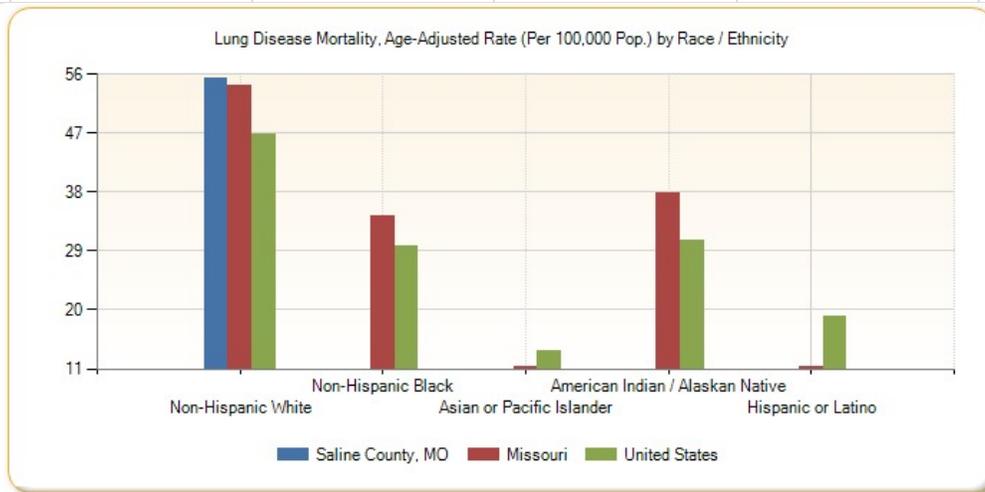
Lung Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Saline County, MO	70.5	44.1
Missouri	59.6	47
United States	48.3	38.2



Lung Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	55.4	no data	no data	no data	no data
Missouri	54.2	34.3	11.3	37.9	11.2
United States	46.8	29.8	13.8	30.7	19.1



Lung Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2002 through 2011

Report Area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Missouri	47.2	47.9	44.1	49.2	47.4	47.6	57.4	51.9	52.6	50.5	51.7	52.9
United States	43.9	43.7	41.6	43.9	41	41.4	44.7	42.7	42.2	42.5	41.5	42.1

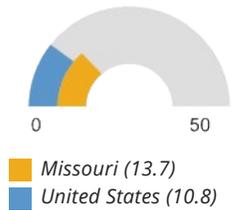


Mortality - Motor Vehicle Accident

This indicator reports the rate of death due to motor vehicle crashes per 100,000 population, which include collisions with another motor vehicle, a nonmotorist, a fixed object, and a non-fixed object, an overturn, and any other non-collision. This indicator is relevant because motor vehicle crash deaths are preventable and they are a cause of premature death.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Saline County, MO	23,292	3	14.6	no data
Missouri	6,005,372	829	13.8	13.7
United States	311,430,373	34,139	11	10.8

Motor Vehicle Crash Death, Age-Adjusted Death Rate (Per 100,000 Pop.)



Note: This indicator is compared with the state average.
 Data Source: Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2009-13. Source geography: County

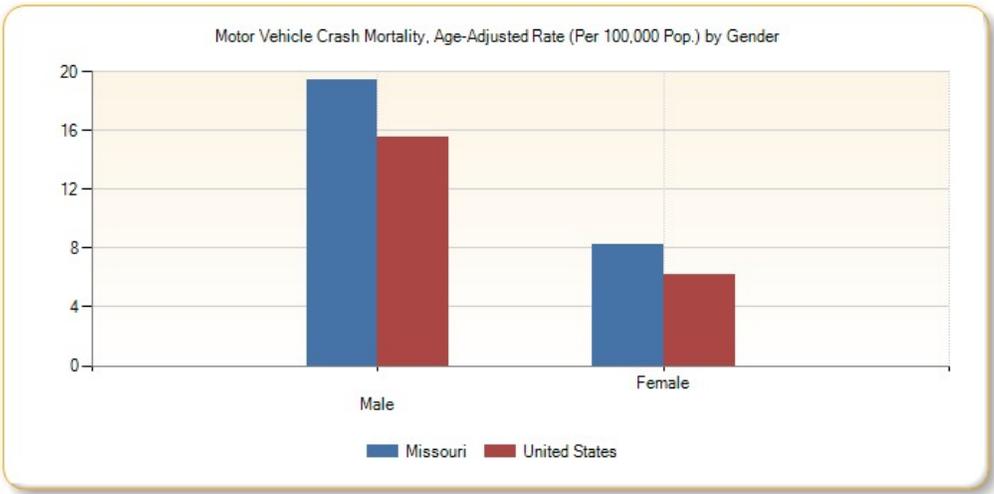


Motor Vehicle Accident Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2009-13

- Over 25.0
- 20.1 - 25.0
- 10.1 - 20.0
- Under 10.1
- Data Suppressed (<20 Deaths)
- Report Area

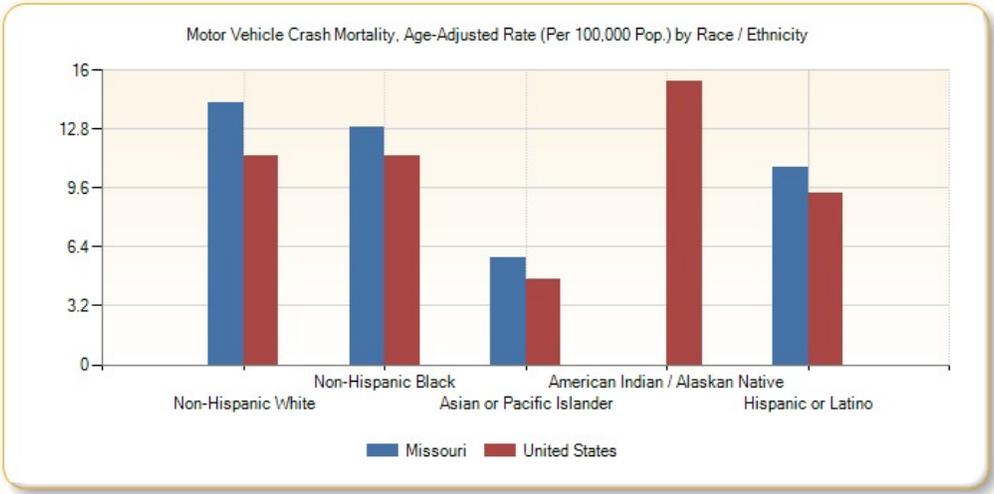
Motor Vehicle Crash Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Saline County, MO	no data	no data
Missouri	19.4	8.2
United States	15.5	6.2



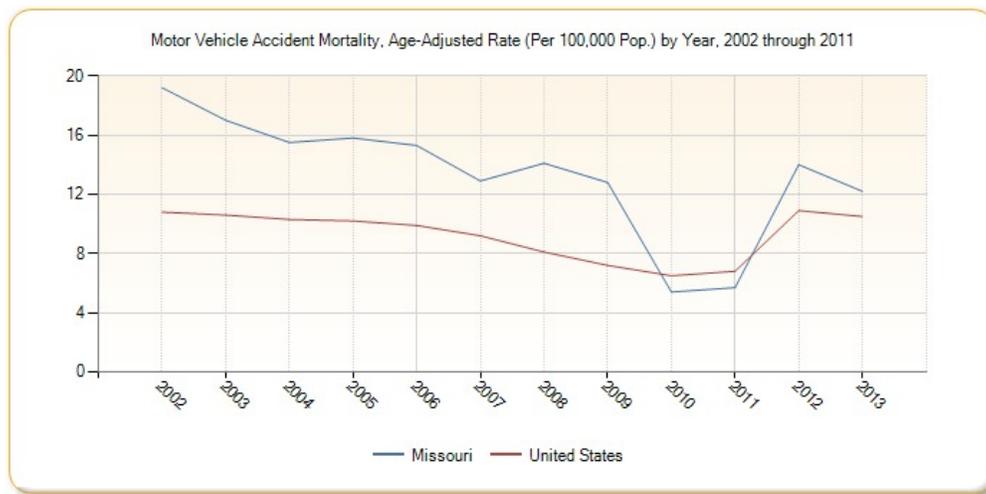
Motor Vehicle Crash Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	no data	no data	no data	no data	no data
Missouri	14.2	12.9	5.8	no data	10.7
United States	11.3	11.3	4.6	15.4	9.3



Motor Vehicle Accident Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2002 through 2011

Report Area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Missouri	19.2	17	15.5	15.8	15.3	12.9	14.1	12.8	5.4	5.7	14	12.2
United States	10.8	10.6	10.3	10.2	9.9	9.2	8.1	7.2	6.5	6.8	10.9	10.5



Mortality - Pedestrian Accident

This indicator reports the crude rate of pedestrians killed by motor vehicles per 100,000 population. This indicator is relevant because pedestrian-motor vehicle crash deaths are preventable and they are a cause of premature death.

Report Area	Total Population (2010)	Total Pedestrian Deaths, 2011-2013	Average Annual Deaths, Rate per 100,000 Pop.
Saline County, MO	23,370	0	0
Missouri	5,988,927	247	1.4
United States	312,732,537	15,591	1.7
<u>HP 2020 Target</u>			<= 1.3

Pedestrian Motor Vehicle Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



Note: This indicator is compared with the state average.

Data Source: US Department of Transportation, National Highway Traffic Safety Administration, [Fatality Analysis Reporting System](#), 2011-13. Source geography: County



Pedestrian Motor Vehicle Crash Mortality, Rate (Per 100,000 Pop.) by County, NHTSA 2011-13

- Over 3.0
- 2.1 - 3.0
- 1.1 - 2.0
- 0.1 - 1.0
- No Deaths
- Report Area

Mortality - Premature Death

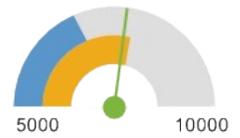
This indicator reports Years of Potential Life Lost (YPLL) before age 75 per 100,000 population for all causes of death, age-adjusted to the 2000 standard. YPLL measures premature death and is calculated by subtracting the age of death from the 75 year benchmark. This indicator is relevant because a measure of premature death can provide a unique and comprehensive look at overall health status.

Report Area	Total Population, 2008-2010 Average	Total Premature Deaths, 2008-2010 Average	Total Years of Potential Life Lost, 2008-2010 Average	Years of Potential Life Lost, Rate per 100,000 Population
Saline County, MO	23,280	99	1,792	7,699
Missouri	6,010,688	24,293	473,410	7,876
United States	311,616,188	1,074,667	21,327,690	6,851

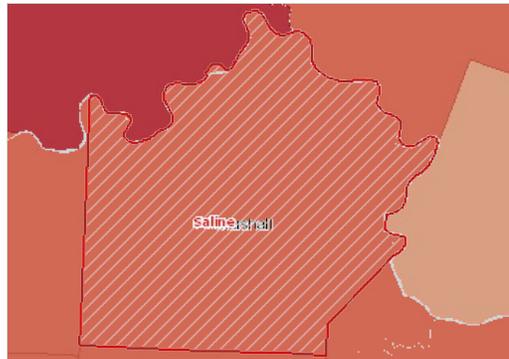
Note: This indicator is compared with the state average.

Data Source: University of Wisconsin Population Health Institute, [County Health Rankings](#). Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2008-10. Source geography: County

Years of Potential Life Lost, Rate per 100,000 Population



- Saline County, MO (7,699)
- Missouri (7,876)
- United States (6,851)



Premature Death, Years Lost Rate (Per 100,000 Pop.) by County, CHR 2008-10

- Over 10,000
- 8,001 - 10,000
- 6,001 - 8,000
- Under 6,001
- No Data or Data Suppressed
- Report Area

Mortality - Stroke

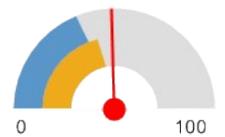
Within the report area there are an estimated 49 deaths due to cerebrovascular disease (stroke) per 100,000 population. This is greater than than the Healthy People 2020 target of less than or equal to 33.8. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because stroke is a leading cause of death in the United States.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Saline County, MO	23,292	15	66.1	49
Missouri	6,005,372	2,995	49.9	43
United States	311,430,373	128,955	41.4	37.9
HP 2020 Target				<= 33.8

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2009-13. Source geography: County

Stroke Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



- Saline County, MO (49)
- Missouri (43)
- United States (37.9)

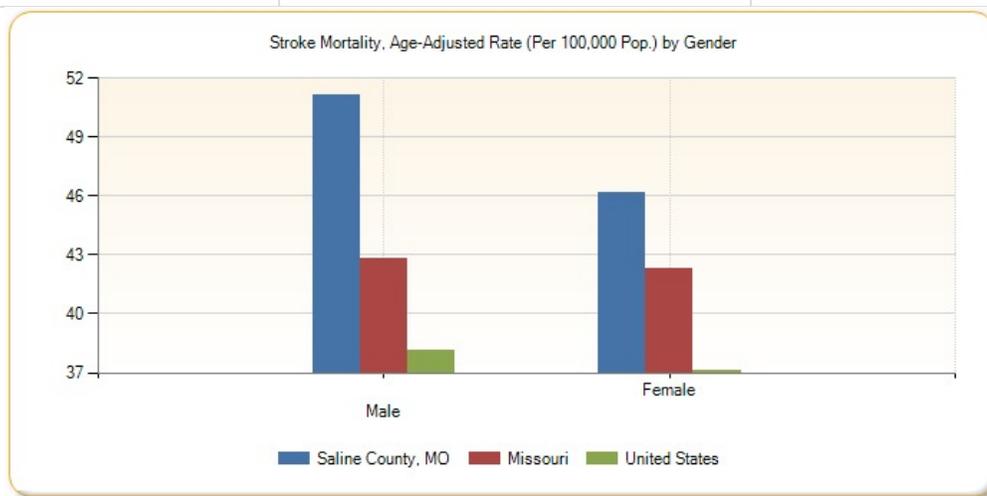


Stroke Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2009-13



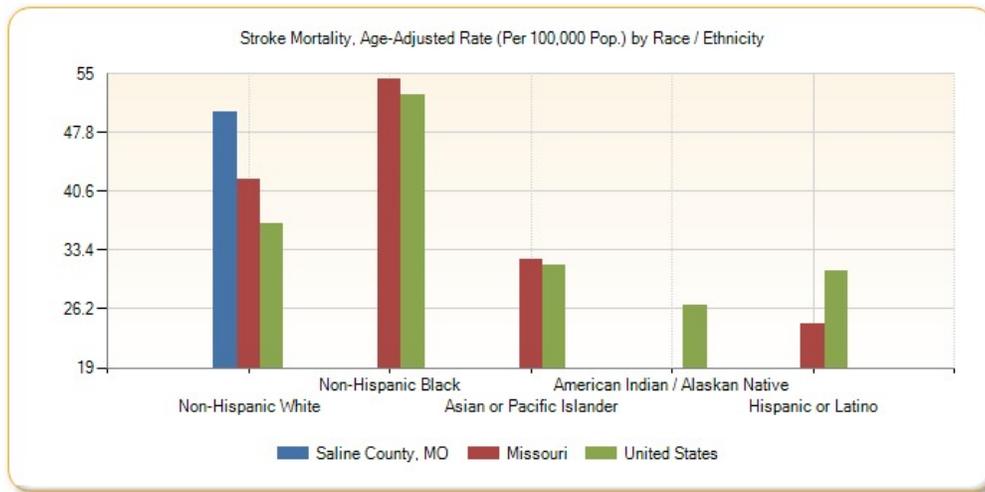
Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Saline County, MO	51.1	46.2
Missouri	42.8	42.3
United States	38.1	37.1



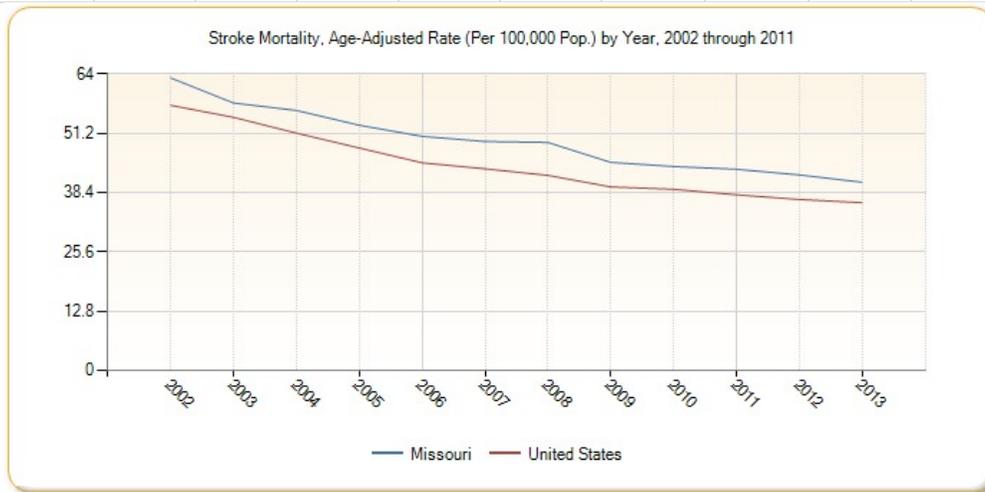
Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	50.3	no data	no data	no data	no data
Missouri	42.1	54.4	32.2	19	24.4
United States	36.7	52.4	31.5	26.7	30.8



Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2002 through 2011

Report Area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Missouri	63.1	57.7	56.1	52.9	50.5	49.4	49.2	44.9	44	43.4	42.2	40.6
United States	57.2	54.6	51.2	48	44.8	43.5	42.1	39.6	39.1	37.9	36.9	36.2

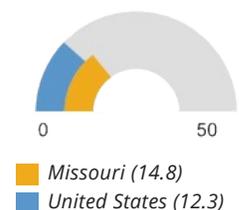


Mortality - Suicide

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

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Saline County, MO	23,292	2	8.6	no data
Missouri	6,005,372	905	15.1	14.8
United States	311,430,373	39,308	12.6	12.3
HP 2020 Target				<= 10.2

Suicide, Age-Adjusted Death Rate (Per 100,000 Pop.)



Note: This indicator is compared with the state average.
 Data Source: Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2009-13. Source geography: County

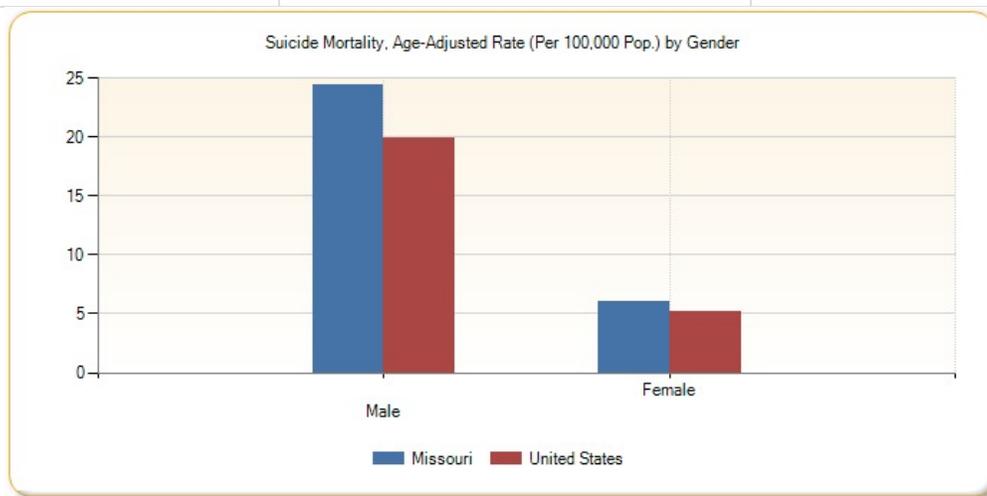


Suicide Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2009-13



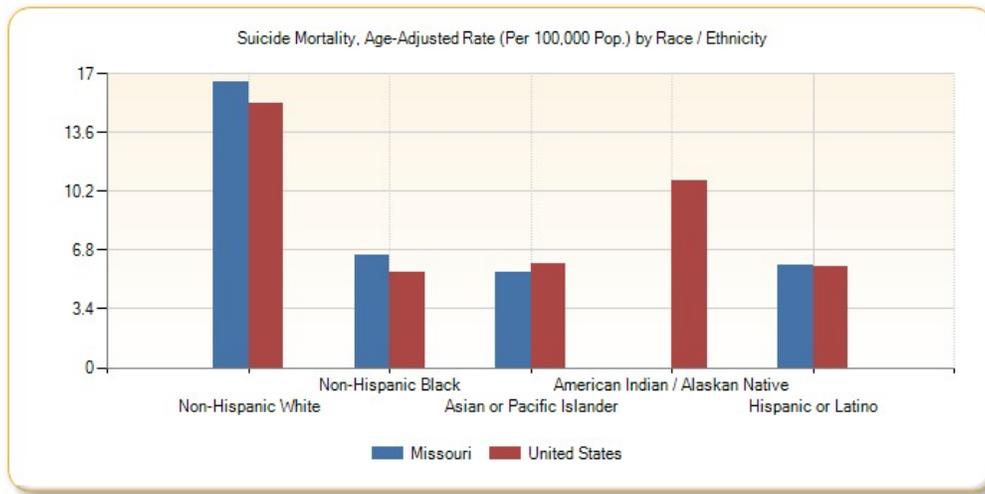
Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

Report Area	Male	Female
Saline County, MO	no data	no data
Missouri	24.4	6
United States	19.9	5.2



Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	no data	no data	no data	no data	no data
Missouri	16.5	6.5	5.5	no data	5.9
United States	15.3	5.5	6	10.8	5.8



Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2002 through 2011

Report Area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Missouri	12.1	11.8	12.4	12.5	13.5	13.5	13	14.3	14	15.3	14.9	15.6
United States	11	10.8	11	10.9	11	11.3	11.6	11.8	12.1	12.3	12.6	12.6



Mortality - Unintentional Injury

This indicator reports the rate of death due to unintentional injury (accident) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because accidents are a leading cause of death in the U.S.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Saline County, MO	23,292	12	53.24	46.7
Missouri	6,005,372	3,013	50.18	48.2
United States	311,430,373	124,733	40.05	38.6
HP 2020 Target				<= 36.0

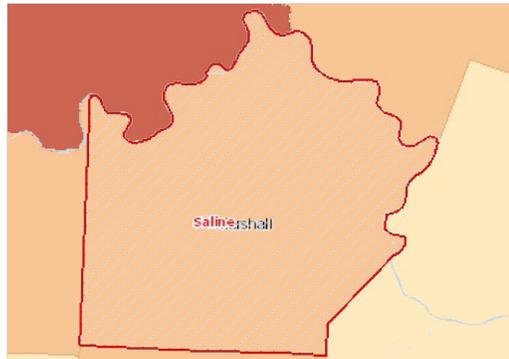
Unintentional Injury (Accident) Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



- Saline County, MO (46.7)
- Missouri (48.2)
- United States (38.6)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2009-13. Source geography: County

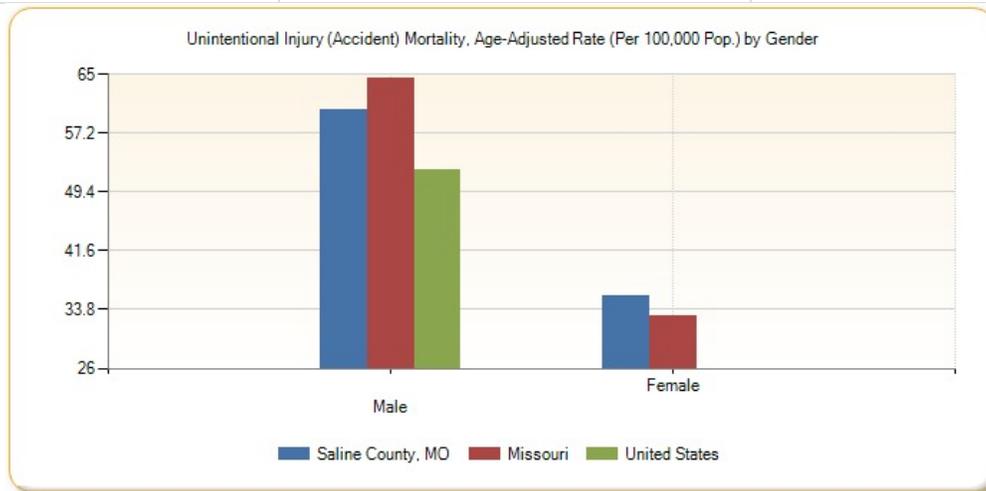


Unintentional Injury (Accident) Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2009-13

- Over 70.0
- 50.1 - 70.0
- 40.1 - 50.0
- Under 40.1
- Data Suppressed (<20 Deaths)
- Report Area

Unintentional Injury (Accident) Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

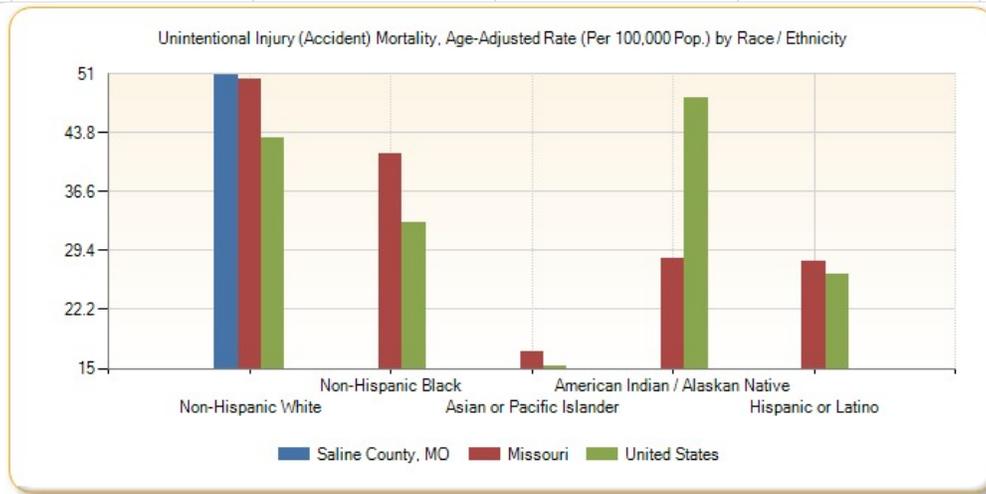
Report Area	Male	Female
Saline County, MO	60.2	35.6
Missouri	64.4	33
United States	52.3	26



Unintentional Injury (Accident) Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Saline County, MO	50.9	no data	no data	no data	no data

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian / Alaskan Native	Hispanic or Latino
Missouri	50.4	41.2	17.1	28.5	28.1
United States	43.2	32.8	15.2	48.1	26.4



Unintentional Injury (Accident) Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Year, 2002 through 2011

Report Area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Missouri	45.6	47.6	46.4	47.8	50.1	48.8	48.9	47.5	47.9	50.5	47.8	47
United States	37.1	37.6	38.1	39.5	40.2	40.4	39.3	37.5	38	39.1	39.1	39.4

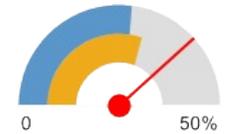


Obesity

38.3% of adults aged 20 and older self-report that they have a Body Mass Index (BMI) greater than 30.0 (obese) in the report area. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Report Area	Total Population Age 20	Adults with BMI > 30.0 (Obese)	Percent Adults with BMI > 30.0 (Obese)
Saline County, MO	17,245	6,553	38.3%
Missouri	4,456,386	1,365,174	30.3%
United States	231,417,834	63,336,403	27.1%

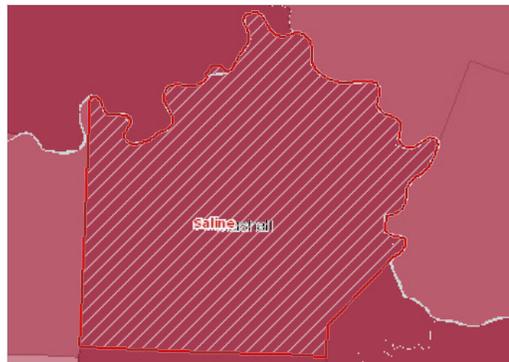
Percent Adults with BMI > 30.0 (Obese)



- Saline County, MO (38.3%)
- Missouri (30.3%)
- United States (27.1%)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [National Center for Chronic Disease Prevention and Health Promotion](#), 2012. Source geography: County

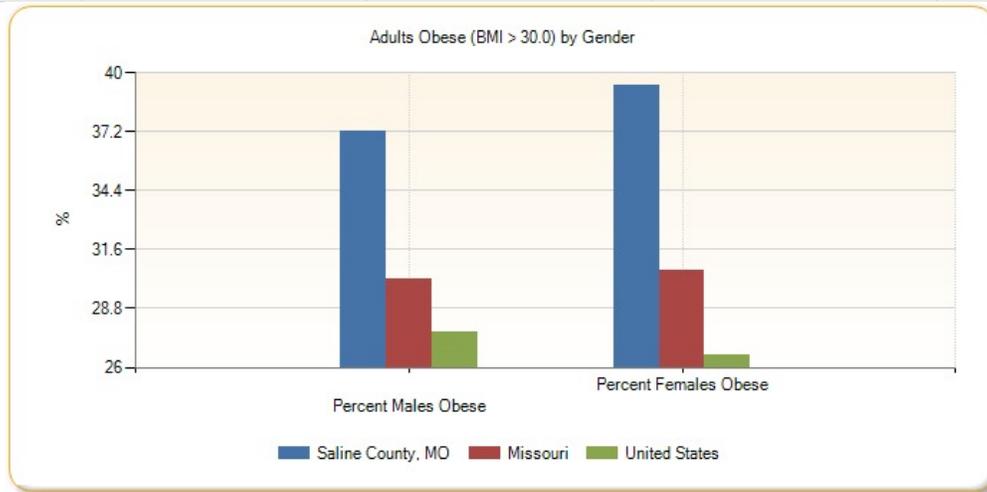


Obese (BMI >= 30), Adults Age 20 , Percent by County, CDC NCCDPHP 2012

- Over 34.0%
- 30.1 - 34.0%
- 26.1 - 30.0%
- Under 26.1%
- Report Area

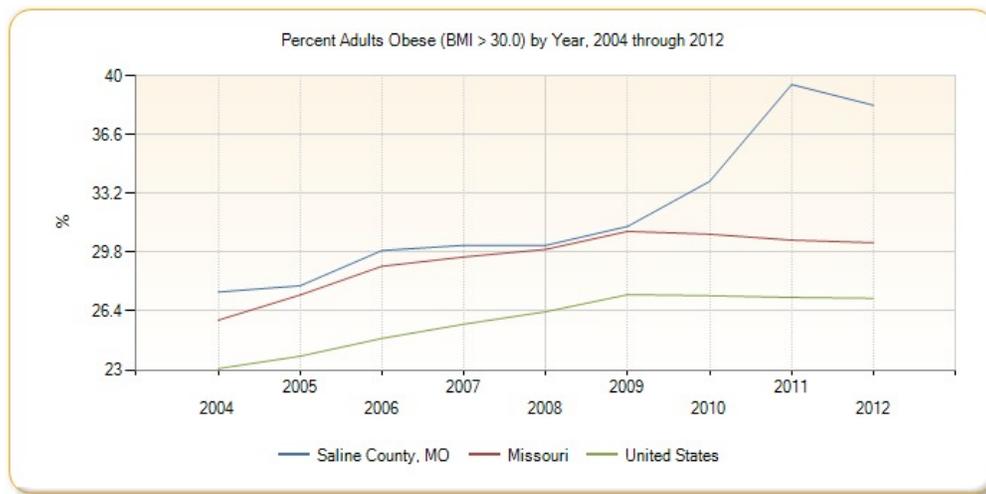
Adults Obese (BMI > 30.0) by Gender

Report Area	Total Males Obese	Percent Males Obese	Total Females Obese	Percent Females Obese
Saline County, MO	3,136	37.2%	3,417	39.4%
Missouri	658,134	30.17%	707,050	30.58%
United States	31,423,447	27.7%	31,912,963	26.59%



Percent Adults Obese (BMI > 30.0) by Year, 2004 through 2012

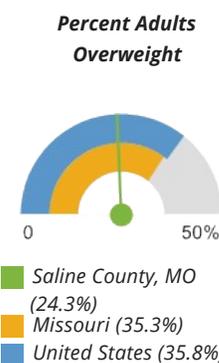
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012
Saline County, MO	27.5%	27.86%	29.9%	30.2%	30.2%	31.3%	33.9%	39.5%	38.3%
Missouri	25.87%	27.33%	28.99%	29.53%	29.97%	31.01%	30.84%	30.5%	30.35%
United States	23.07%	23.79%	24.82%	25.64%	26.36%	27.35%	27.29%	27.19%	27.14%



Overweight

24.3% of adults aged 18 and older self-report that they have a Body Mass Index (BMI) between 25.0 and 30.0 (overweight) in the report area. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Report Area	Survey Population (Adults Age 18)	Total Adults Overweight	Percent Adults Overweight
Saline County, MO	13,638	3,309	24.3%
Missouri	4,363,655	1,541,649	35.3%
United States	224,991,207	80,499,532	35.8%



Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#), 2011-12. Source geography: County

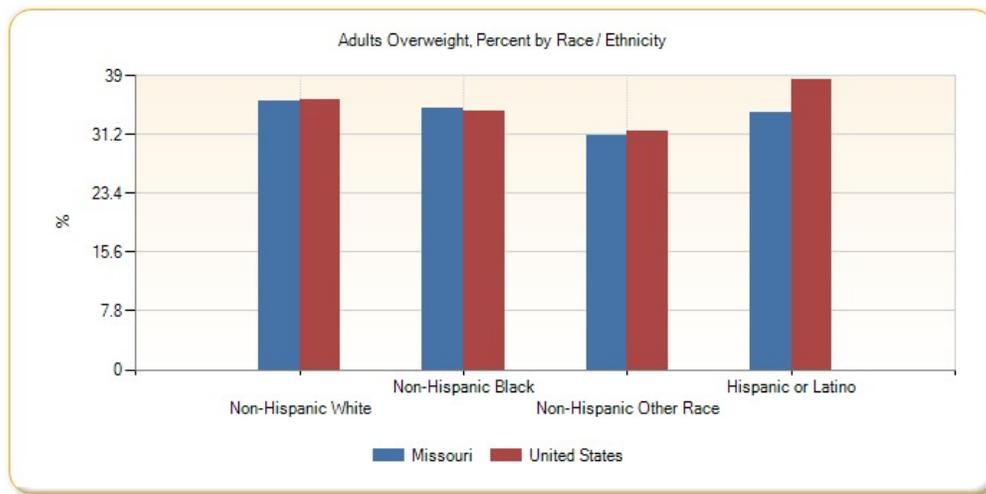


Overweight (BMI 25.0-29.9), Adults Age 18 , Percent by County, BRFSS 2011-12

- Over 39.0%
- 36.1 - 39.0%
- 33.1 - 36.0%
- Under 33.1%
- No Data or Data Suppressed
- Report Area

Adults Overweight, Percent by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Missouri	35.63%	34.72%	31.13%	34.11%
United States	35.85%	34.31%	31.61%	38.43%



Poor Dental Health

This indicator reports the percentage of adults age 18 and older who self-report that six or more of their permanent teeth have been removed due to tooth decay, gum disease, or infection. This indicator is relevant because it indicates lack of access to dental care and/or social barriers to utilization of dental services.

Report Area	Total Population (Age 18)	Total Adults with Poor Dental Health	Percent Adults with Poor Dental Health
Saline County, MO	17,772	3,939	22.2%
Missouri	4,532,155	915,359	20.2%
United States	235,375,690	36,842,620	15.7%

Percent Adults with Poor Dental Health



- Saline County, MO (22.2%)
- Missouri (20.2%)
- United States (15.7%)

Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#), 2006-10. Source geography: County

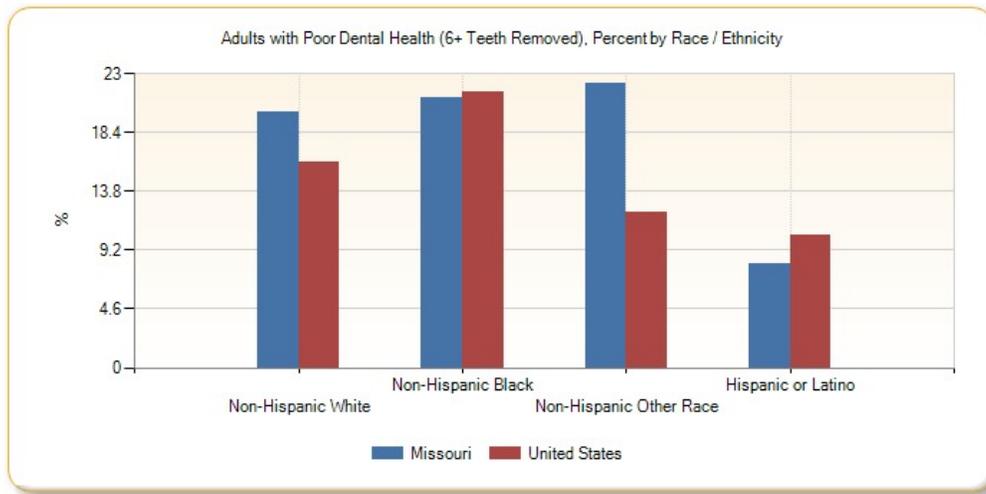


Adults Age 18 Without Dental Exam in Past 12 Months, Percent by County, BRFSS 2006-10

- Over 42.0%
- 34.1 - 42.0%
- 26.1 - 34.0%
- Under 26.1%
- No Data or Data Suppressed
- Report Area

Adults with Poor Dental Health (6 Teeth Removed), Percent by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other Race	Hispanic or Latino
Missouri	20.05%	21.17%	22.29%	8.12%
United States	16.04%	21.6%	12.11%	10.31%



Poor General Health

Within the report area 18.5% of adults age 18 and older self-report having poor or fair health in response to the question "Would you say that in general your health is excellent, very good, good, fair, or poor?". This indicator is relevant because it is a measure of general poor health status.

Report Area	Total Population Age 18	Estimated Population with Poor or Fair Health	Crude Percentage	Age-Adjusted Percentage
Saline County, MO	17,841	3,301	18.5%	16%
Missouri	4,532,155	765,934	16.9%	16%
United States	232,556,016	37,766,703	16.2%	15.7%

Percent Adults with Poor or Fair Health (Age-Adjusted)



- Saline County, MO (16%)
- Missouri (16%)
- United States (15.7%)

Note: This indicator is compared with 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



Adults with Poor or Fair Health, Percent by County, BRFSS 2006-12

- Over 22.0%
- 16.1 - 22.0%
- 12.1 - 16.0%
- Under 12.1%
- No Data or Data Suppressed
- Report Area

STI - Chlamydia Incidence

This indicator reports incidence rate of chlamydia cases per 100,000 population. This indicator is relevant because it is a measure of poor health status and indicates the prevalence of unsafe sex practices.

Report Area	Total Population	Total Chlamydia Infections	Chlamydia Infection Rate (Per 100,000 Pop.)
Saline County, MO	23,252	85	365.56
Missouri	6,044,718	27,981	462.9
United States	316,128,839	1,441,789	456.08

Chlamydia Infection Rate (Per 100,000 Pop.)



- Saline County, MO (365.56)
- Missouri (462.9)
- United States (456.08)

Note: This indicator is compared with the state average.

Data Source: US Department of Health & Human Services, [Health Indicators Warehouse](#). Centers for Disease Control and Prevention, [National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention](#). 2014. Source geography: County

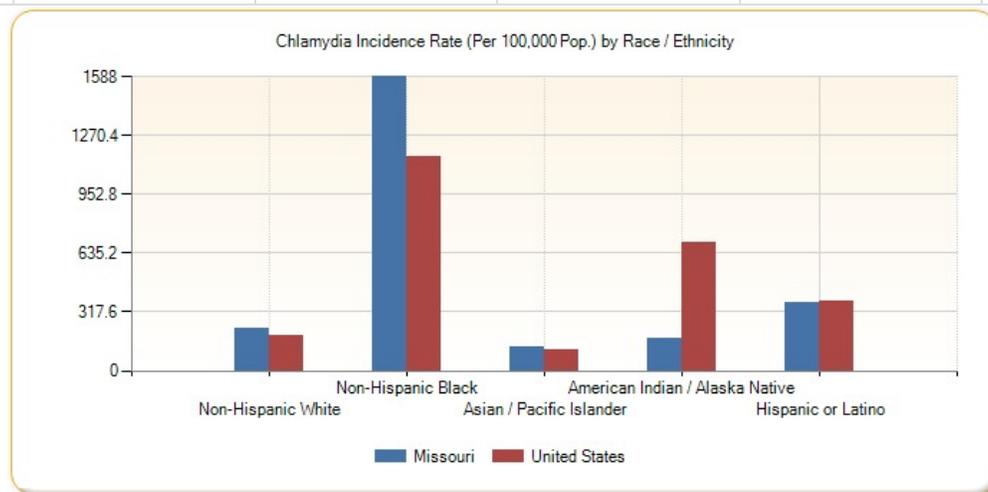


Chlamydia, Infection Rate per 100,000 Population by County, NCHHSTP 2014

- Over 500.0
- 300.1 - 500.0
- 150.1 - 300.0
- 0.1 - 150.0
- Suppressed (< 4 Cases)
- Report Area

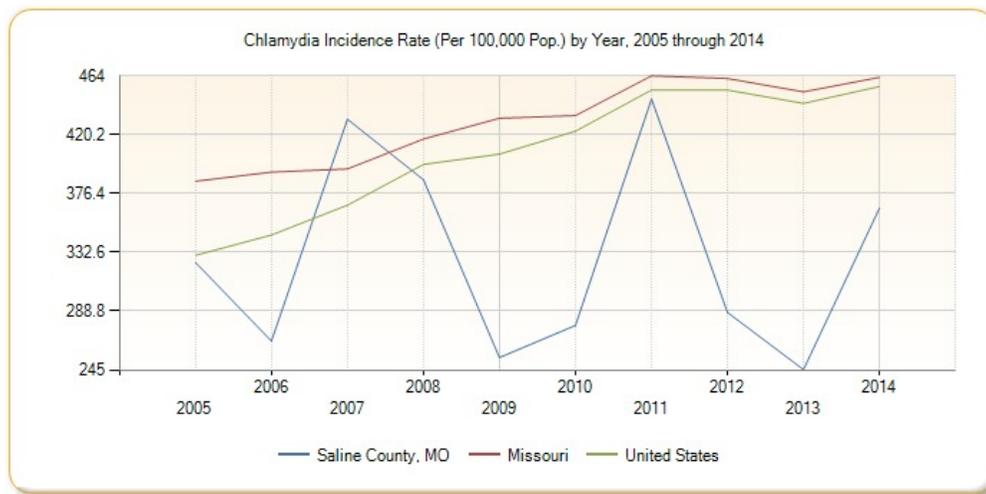
Chlamydia Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian / Pacific Islander	American Indian / Alaska Native	Hispanic or Latino
Missouri	225.8	1,588	125.6	170.9	364.5
United States	187	1,152.6	115.8	689.1	376.2



Chlamydia Incidence Rate (Per 100,000 Pop.) by Year, 2005 through 2014

Report Area	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Saline County, MO	325.03	266.42	431.7	386.58	254.15	278.13	446.74	287.8	245.14	365.56
Missouri	385.47	392.32	394.67	416.96	432.41	434.44	464	462.03	452.1	462.9
United States	330.3	345.4	367.7	398	405.7	422.8	453.4	453.4	443.5	456.1



STI - Gonorrhea Incidence

This indicator reports incidence rate of Gonorrhea cases per 100,000 population. This indicator is relevant because it is a measure of poor health status and indicates the prevalence of unsafe sex practices.

Report Area	Total Population	Total Gonorrhea Infections	Gonorrhea Infection Rate (Per 100,000 Pop.)
Saline County, MO	23,252	3	12.9
Missouri	60,450	7,387	12,220.02
United States	316,128,839	350,062	110.73

Gonorrhea Infection Rate (Per 100,000 Pop.)



- Saline County, MO (12.9)
- Missouri (12,220.02)
- United States (110.73)

Note: This indicator is compared with the state average.

Data Source: US Department of Health & Human Services, [Health Indicators Warehouse](#). Centers for Disease Control and Prevention, [National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention](#). 2014. Source geography: County

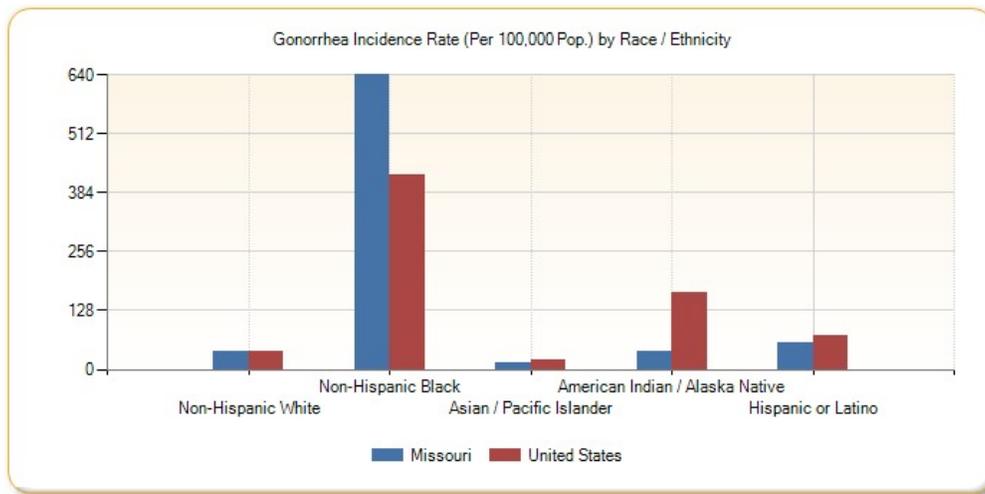


Gonorrhea, Infection Rate per 100,000 Population by County, NCHHSTP 2014

- Over 120.0
- 60.01 - 120.00
- 20.01 - 60.00
- 0.1 - 20.0
- Suppressed (<4 Cases)
- Report Area

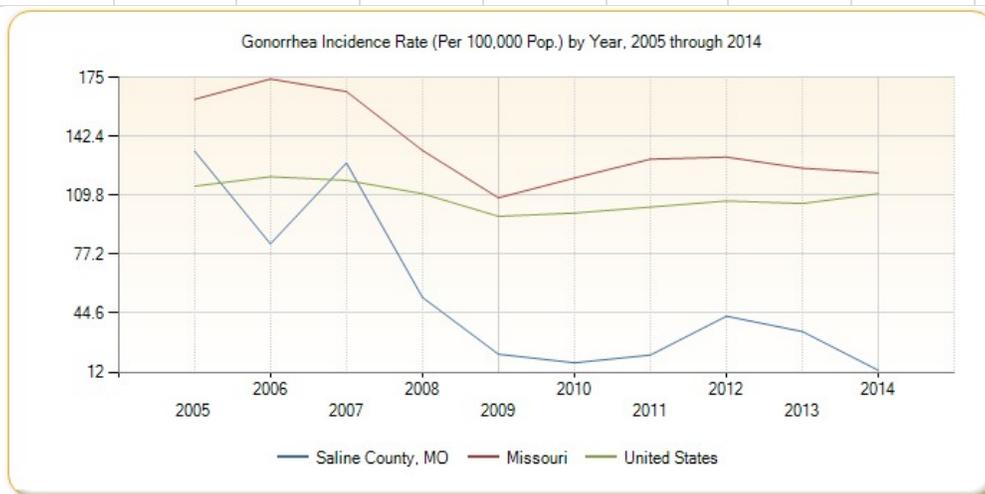
Gonorrhea Incidence Rate (Per 100,000 Pop.) by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian / Pacific Islander	American Indian / Alaska Native	Hispanic or Latino
Missouri	39.7	639.6	12.9	39.7	56.7
United States	39.8	422.9	19.9	166.4	72.7



Gonorrhea Incidence Rate (Per 100,000 Pop.) by Year, 2005 through 2014

Report Area	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Saline County, MO	134.34	82.98	127.75	53.32	21.91	17.12	21.48	42.96	34.41	12.9
Missouri	162.92	174.19	167.23	134.65	108.45	119.4	129.82	130.95	124.8	122.2
United States	114.9	120.1	118.1	110.7	98.2	100	103.3	106.7	105.3	110.7



STI - HIV Prevalence

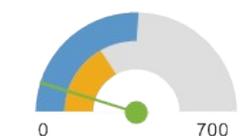
This indicator reports prevalence rate of HIV per 100,000 population. This indicator is relevant because HIV is a life-threatening communicable disease that disproportionately affects minority populations and may also indicate the prevalence of unsafe sex practices.

Report Area	Population Age 13	Population with HIV / AIDS	Population with HIV / AIDS, Rate (Per 100,000 Pop.)
Saline County, MO	19,404	13	67
Missouri	5,043,482	11,968	237.3
United States	263,765,822	931,526	353.16

Note: This indicator is compared with the state average.

Data Source: US Department of Health & Human Services, [Health Indicators Warehouse](#). Centers for Disease Control and Prevention, [National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention](#). 2013. Source geography: County

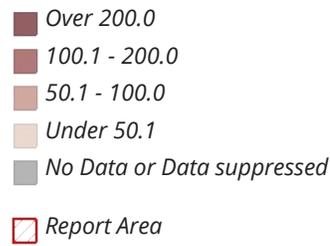
Population with HIV / AIDS, Rate (Per 100,000 Pop.)



- Saline County, MO (67)
- Missouri (237.3)
- United States (353.16)

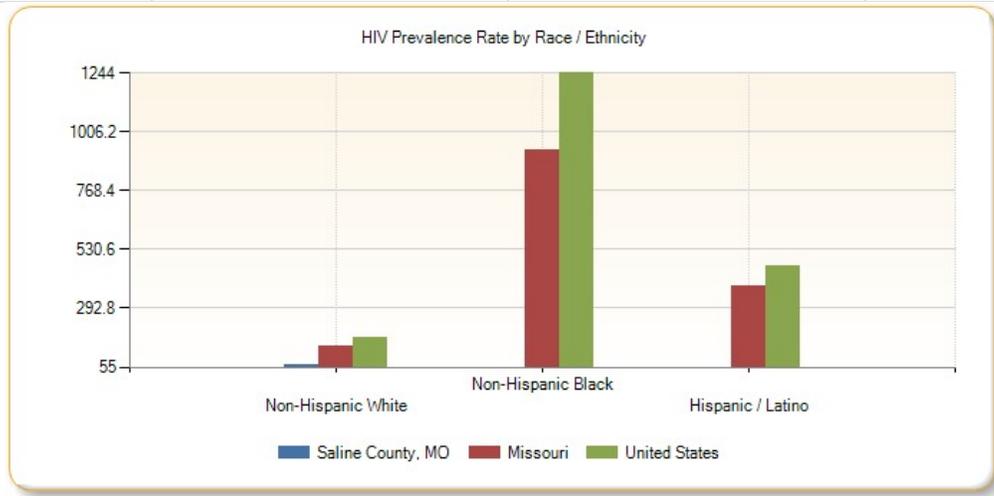


HIV Prevalence, Rate (Per 100,000 Pop.) by County, NCHHSTP 2013



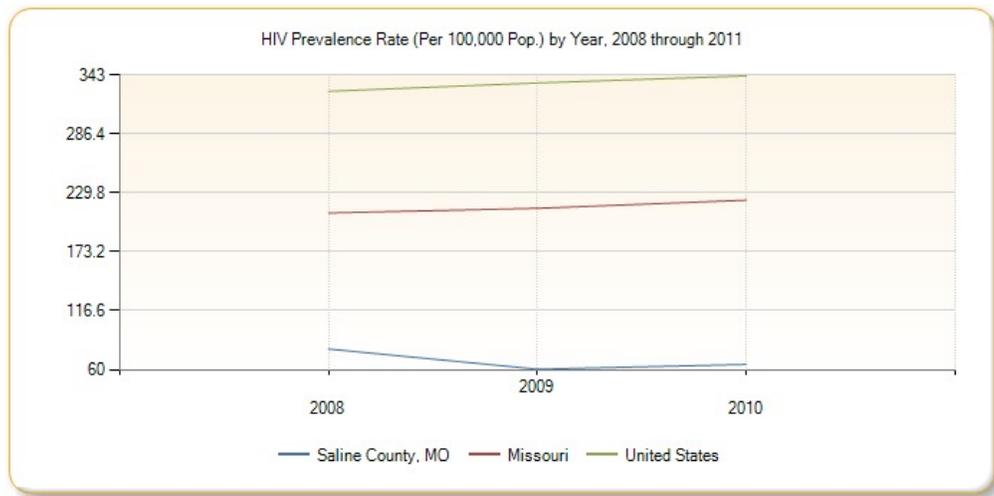
HIV Prevalence Rate by Race / Ethnicity

Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic / Latino
Saline County, MO	55.64	no data	no data
Missouri	138.8	930.2	380
United States	174	1,243.8	462



HIV Prevalence Rate (Per 100,000 Pop.) by Year, 2008 through 2011

Report Area	2008	2009	2010
Saline County, MO	79.8	60.4	65
Missouri	210.46	214.95	222.75
United States	327.37	335.38	342.17



Please see [Health Indicators Report footnotes](#) for information about the data background, analysis methodologies and other related notes.

Report prepared by [Community Commons](#), April 21, 2016.



V. Appendices

Appendix 1 2016 CHNA Survey Questions

Appendix 2 2016 CHNA Raw Survey Results

Appendix 3 County Health Rankings Comparative Snapshots



Appendix 1
2016 CHNA Survey Questions

[SEE ATTACHED]

About this survey

Fitzgibbon Hospital's mission is "To Improve the Health of Our Community." While we strive to meet our mission in everything we do, we are actively seeking your thoughts and opinions regarding the health needs of our community, the impact of programs undertaken by Fitzgibbon Hospital and feedback about how we can best improve the health of the populations we serve.

In the Community Health Needs Assessment published in April of 2013, the three most-pressing health needs in our community were identified as:

- 1) Obesity**
- 2) Smoking**
- 3) Preventive care and wellness**

Since May 2013, Fitzgibbon Hospital has launched a series of efforts to educate our community and impact these issues. Please provide your answers to the questions, below. This survey is being conducted by Fitzgibbon Hospital, in cooperation with community stakeholders, to assess health needs in our community. Responses will remain confidential but may be used in important planning for future programs and services.

Community Health Needs Assessment 2016

Help us understand more about you

* 1. In what ZIP code is your home located? (enter 5-digit ZIP code; for example, 00544 or 94305)

65340

65339

65349

65236

65344

65351

65330

65347

Other (please specify)

* 2. What is your gender?

Female

Male

* 3. Please describe your race/ethnicity.

American Indian or Alaska Native

Asian

Black or African American

Hispanic or Latino

Mixed Race

Native Hawaiian or Other Pacific Islander

White or Caucasian

Other (please specify)

* 4. Which category below includes your age?

18-24

25-44

45-54

55-64

65-74

75 or older

Community Health Needs Assessment 2016

Help us improve how we communicate about health

* 5. Were you aware of and/or did you receive the email blasts, "90 Days to a Healthier You," generated by a registered dietician at Fitzgibbon Hospital, which included tips on diet, exercise and healthy living?

Yes

No

* 6. If you received these emails, do you believe the tips helped you think more about improving your own health?

Strongly Agree

Agree

No Opinion

Disagree

No knowledge of the emails

* 7. In thinking about health and wellness education for adults, please select the top three (3) methods of communication you would most prefer?

Weekly email tips

Health tips via an e-mailed monthly newsletter

Health tips incorporated into a quarterly magazine

Health tips sent via text message

I would attend a free health education class

* 8. If the hospital offered a text alert service for health information and classes, do you believe many people would sign up for this service?

Yes

No

* 9. In thinking about health education classes, what time of day do you think classes are best attended by members of our community?

- Morning
- Lunch hour
- Afternoon
- Evening
- Weekend
- Classes are not a good option for health education

Community Health Needs Assessment 2016

Initiatives to prevent and reduce the smoking rate in our community

* 10. Are you aware of the community-based group known as "Breathe Easy Marshall" as it advocates for smoke-free public places?

Yes

No

* 11. Do you believe the educational efforts about the air quality in Marshall's public restaurants and the health risks of second-hand smoke increased community knowledge about the health effects of second-hand smoke?

Yes, it greatly impacted public knowledge about the dangers of second-hand smoke

Yes, it somewhat impacted public knowledge about the health effects of second-hand smoke

No, I do not think it was effective in educating the public about the effects of second-hand smoke

I was not aware of any educational efforts about the dangers of second-hand smoke

* 12. How effective do you think enactment of a policy prohibiting smoking in public places would be in reducing the negative health effects of second-hand smoke and ultimately impacting the smoking rate in Saline County?

Extremely effective

Very effective

Moderately effective

Not at all effective

13. What measures do you feel should be undertaken to reduce the high numbers of smokers in Saline County?

Community Health Needs Assessment 2016

Help us reach those who need to improve their health

14. Please describe how can we help individuals become more engaged in improving their health?

* 15. Please select the top three (3) barriers you believe prevent people in our community from getting the healthcare they need.

- Cannot afford the co-pays
- Cannot afford health insurance
- Transportation barrier - cannot get to provider
- Language or cultural barrier
- They don't know how to sign up for health insurance
- The specialty care they need is not available here
- Other (please specify)

* 16. What do you believe is the biggest psycho-social factor preventing people in our community from getting the healthcare they need?

- Apathy - they don't feel its important/health is not a priority
- Ignorance - they don't understand what they need or where to get it
- Fear - they are afraid of the cost, the potential diagnosis, the treatment plan or another facet of the healthcare experience
- Other (please specify)

* 17. Please select the top three (3) factors you believe influence the health of our community?

- Housing instability or poor quality of housing
- Food insecurity or lack of access to healthy foods
- Utility needs
- Interpersonal or family violence
- Low health literacy - they don't understand what to do to improve their health
- Other (please specify)

18. What do you feel should be done to ensure people know about the health services available to them?

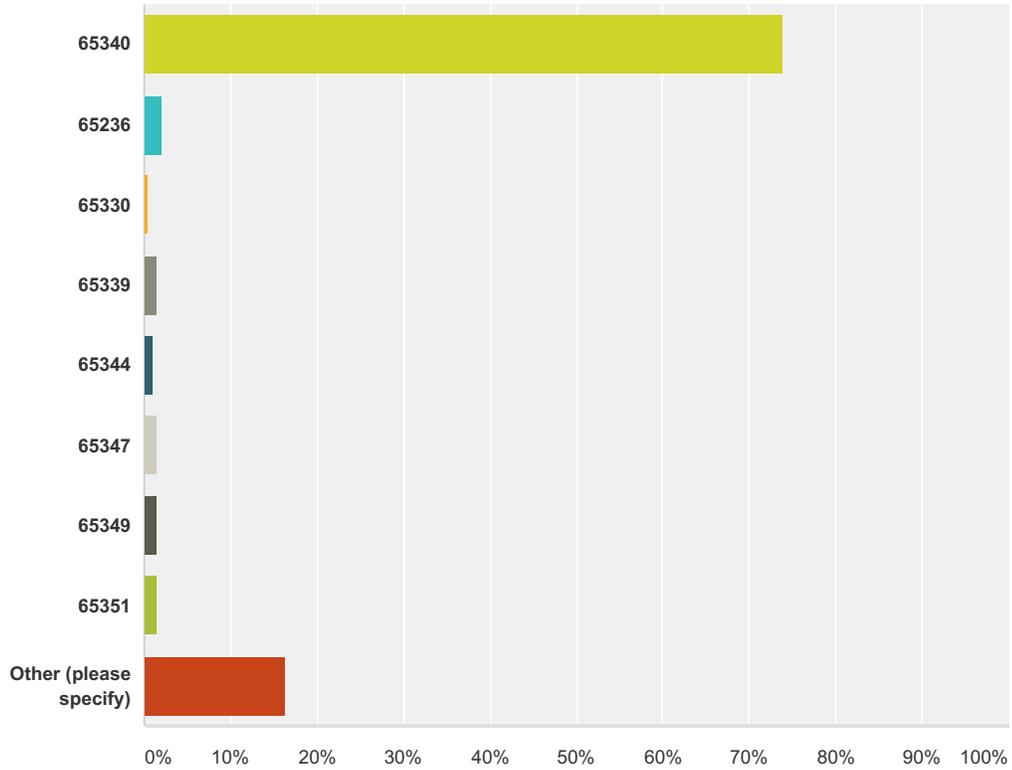


Appendix 2
2016 CHNA Raw Survey Results

[SEE ATTACHED]

**Q1 In what ZIP code is your home located?
(enter 5-digit ZIP code; for example, 00544
or 94305)**

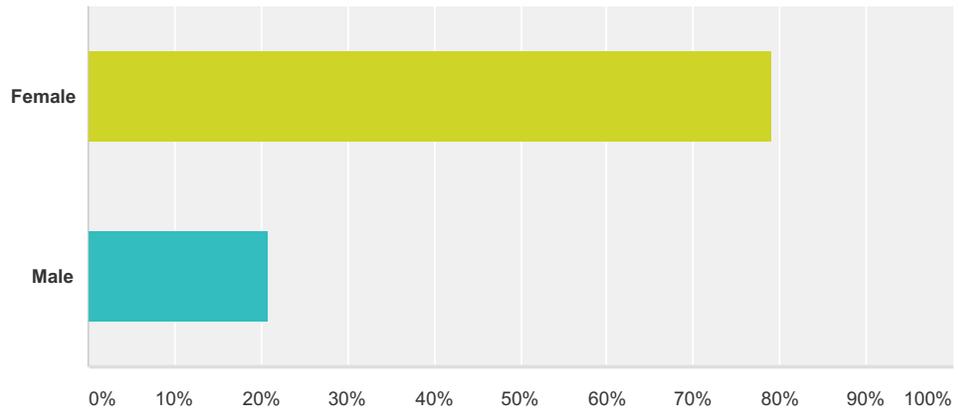
Answered: 196 Skipped: 0



Answer Choices	Responses	
65340	73.98%	145
65236	2.04%	4
65330	0.51%	1
65339	1.53%	3
65344	1.02%	2
65347	1.53%	3
65349	1.53%	3
65351	1.53%	3
Other (please specify)	16.33%	32
Total		196

Q2 What is your gender?

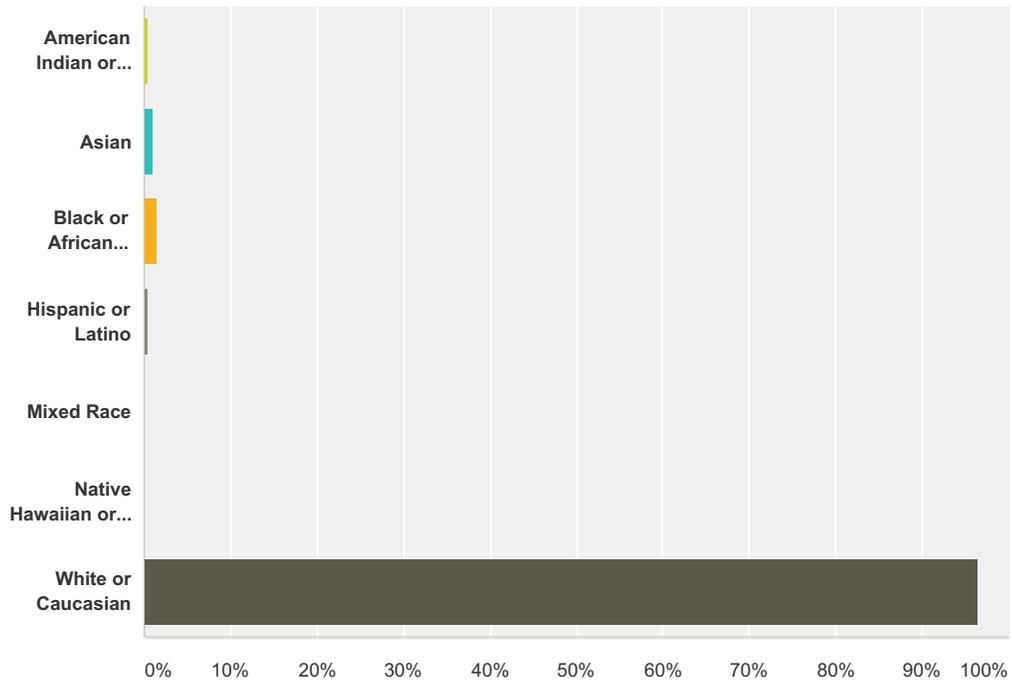
Answered: 196 Skipped: 0



Answer Choices	Responses	
Female	79.08%	155
Male	20.92%	41
Total		196

Q3 Please describe your race/ethnicity.

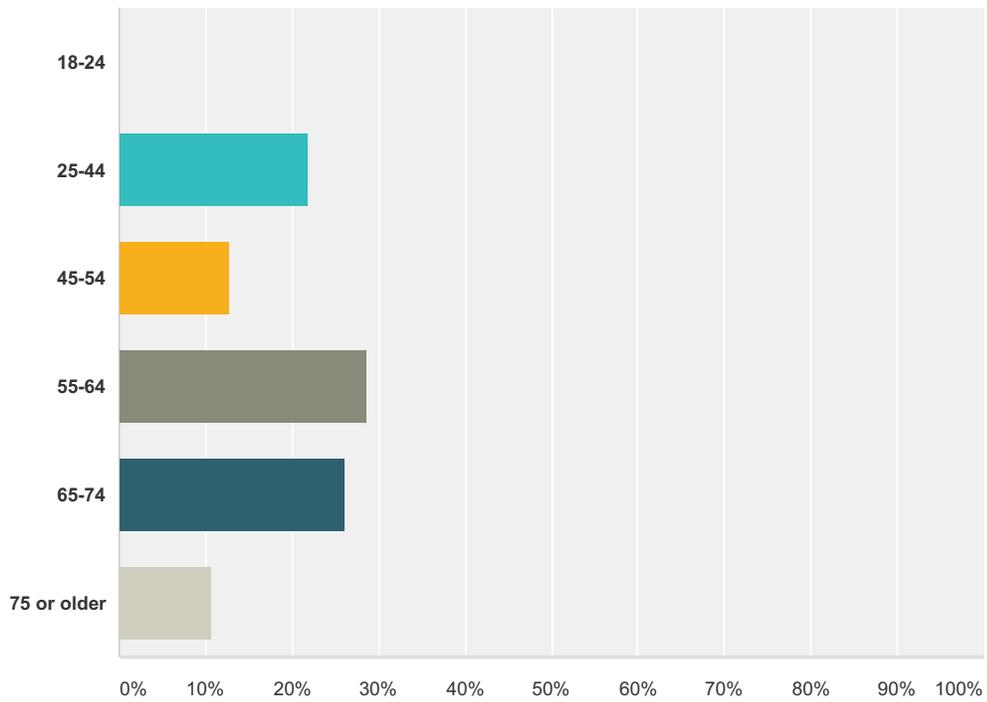
Answered: 196 Skipped: 0



Answer Choices	Responses
American Indian or Alaska Native	0.51% 1
Asian	1.02% 2
Black or African American	1.53% 3
Hispanic or Latino	0.51% 1
Mixed Race	0.00% 0
Native Hawaiian or Other Pacific Islander	0.00% 0
White or Caucasian	96.43% 189
Total	196

Q4 Which category below includes your age?

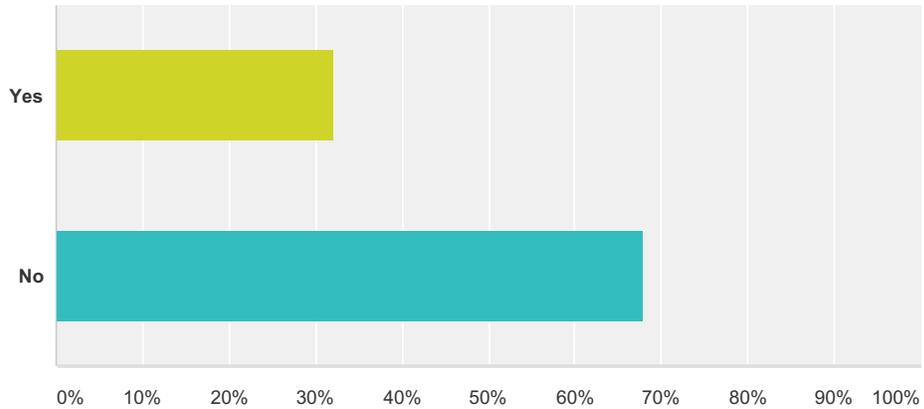
Answered: 196 Skipped: 0



Answer Choices	Responses
18-24	0.00% 0
25-44	21.94% 43
45-54	12.76% 25
55-64	28.57% 56
65-74	26.02% 51
75 or older	10.71% 21
Total	196

Q5 Were you aware of and/or did you receive the email blasts, "90 Days to a Healthier You," generated by a registered dietician at Fitzgibbon Hospital, which included tips on diet, exercise and healthy living?

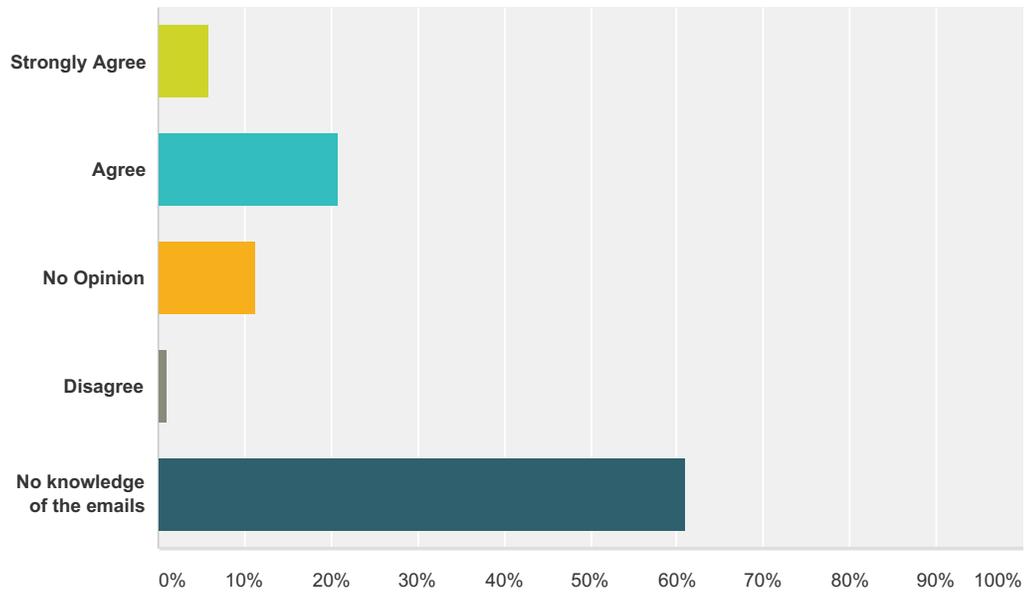
Answered: 187 Skipped: 9



Answer Choices	Responses	
Yes	32.09%	60
No	67.91%	127
Total		187

Q6 If you received these emails, do you believe the tips helped you think more about improving your own health?

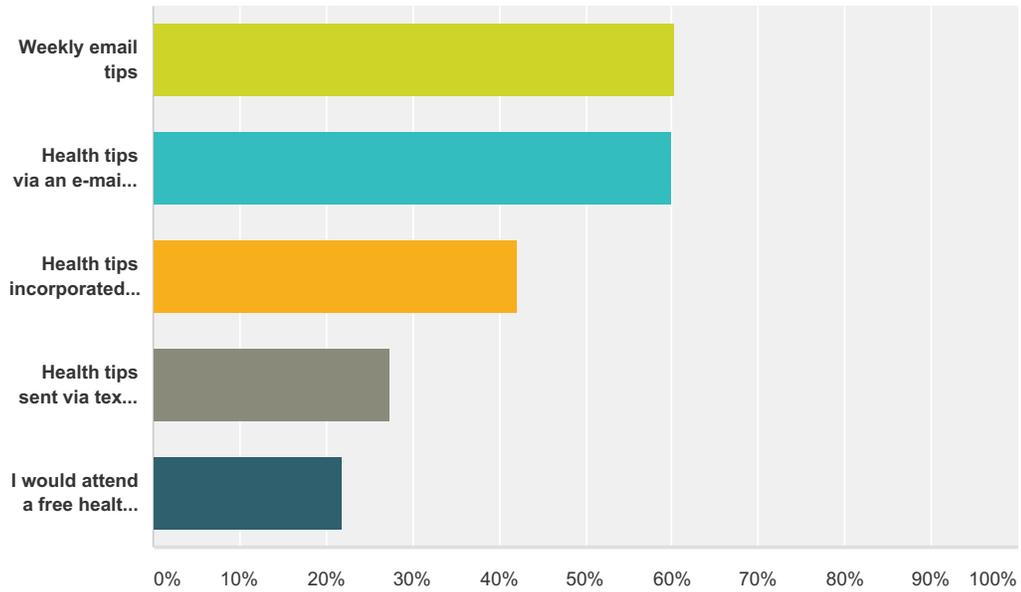
Answered: 187 Skipped: 9



Answer Choices	Responses	
Strongly Agree	5.88%	11
Agree	20.86%	39
No Opinion	11.23%	21
Disagree	1.07%	2
No knowledge of the emails	60.96%	114
Total		187

Q7 In thinking about health and wellness education for adults, please select the top three (3) methods of communication you would most prefer?

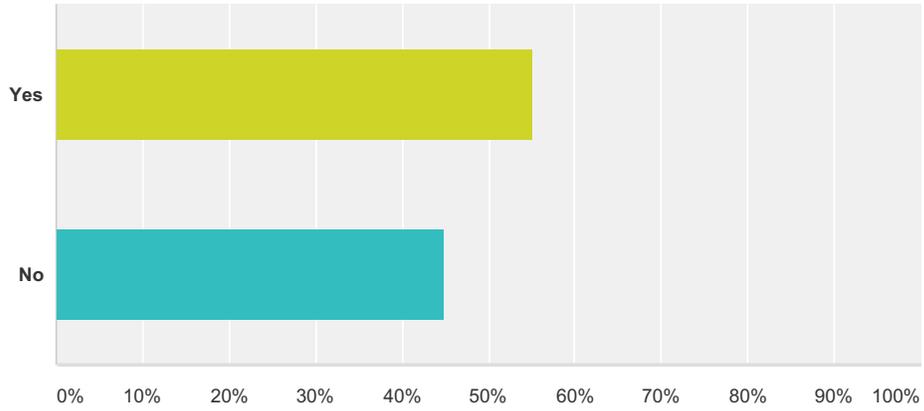
Answered: 187 Skipped: 9



Answer Choices	Responses
Weekly email tips	60.43% 113
Health tips via an e-mailed monthly newsletter	59.89% 112
Health tips incorporated into a quarterly magazine	42.25% 79
Health tips sent via text message	27.27% 51
I would attend a free health education class	21.93% 41
Total Respondents: 187	

Q8 If the hospital offered a text alert service for health information and classes, do you believe many people would sign up for this service?

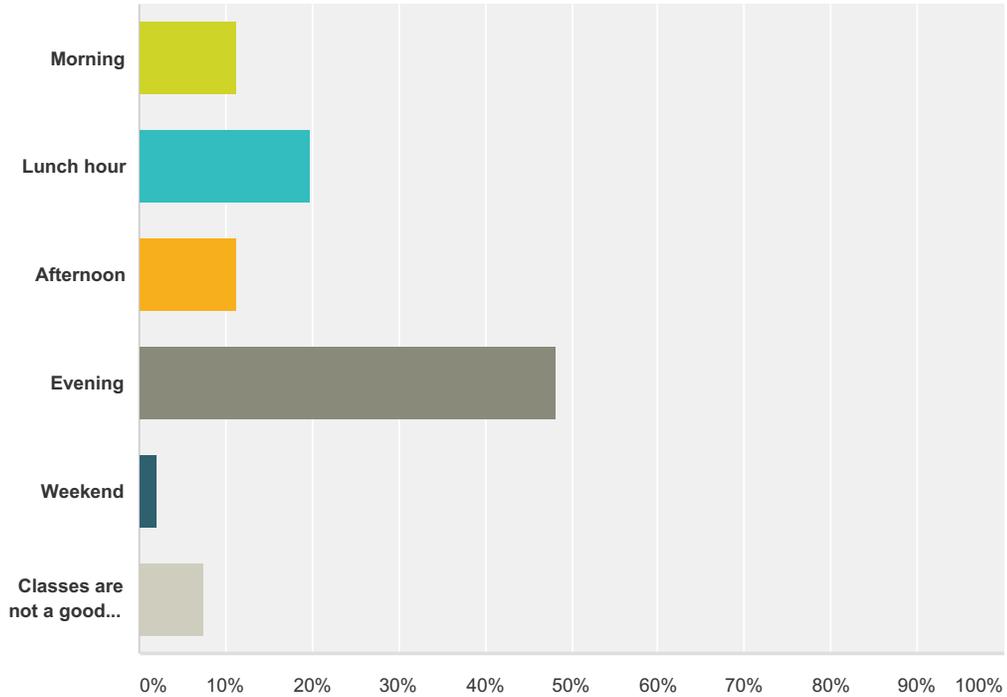
Answered: 187 Skipped: 9



Answer Choices	Responses
Yes	55.08% 103
No	44.92% 84
Total	187

Q9 In thinking about health education classes, what time of day do you think classes are best attended by members of our community?

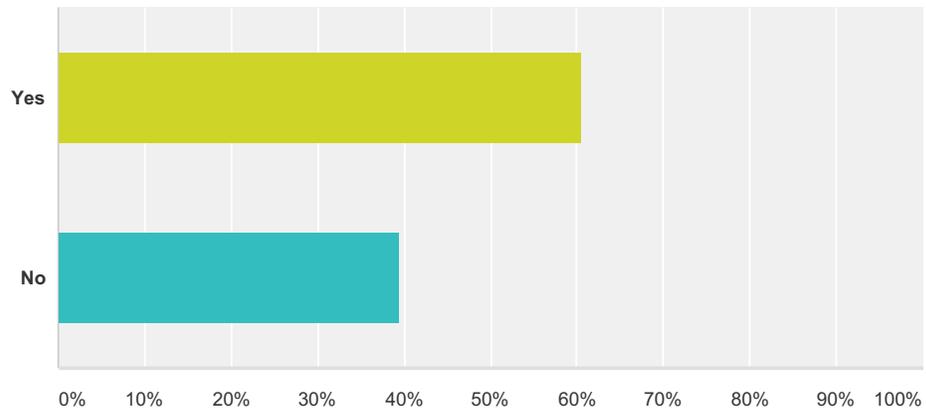
Answered: 187 Skipped: 9



Answer Choices	Responses
Morning	11.23% 21
Lunch hour	19.79% 37
Afternoon	11.23% 21
Evening	48.13% 90
Weekend	2.14% 4
Classes are not a good option for health education	7.49% 14
Total	187

Q10 Are you aware of the community-based group known as "Breathe Easy Marshall" as it advocates for smoke-free public places?

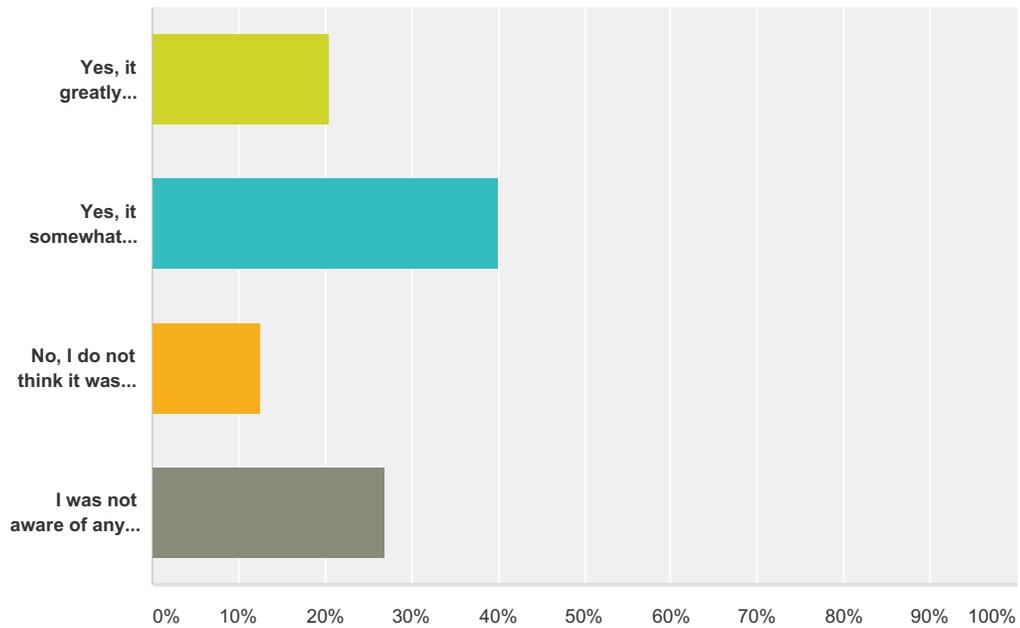
Answered: 185 Skipped: 11



Answer Choices	Responses	
Yes	60.54%	112
No	39.46%	73
Total		185

Q11 Do you believe the educational efforts about the air quality in Marshall's public restaurants and the health risks of second-hand smoke increased community knowledge about the health effects of second-hand smoke?

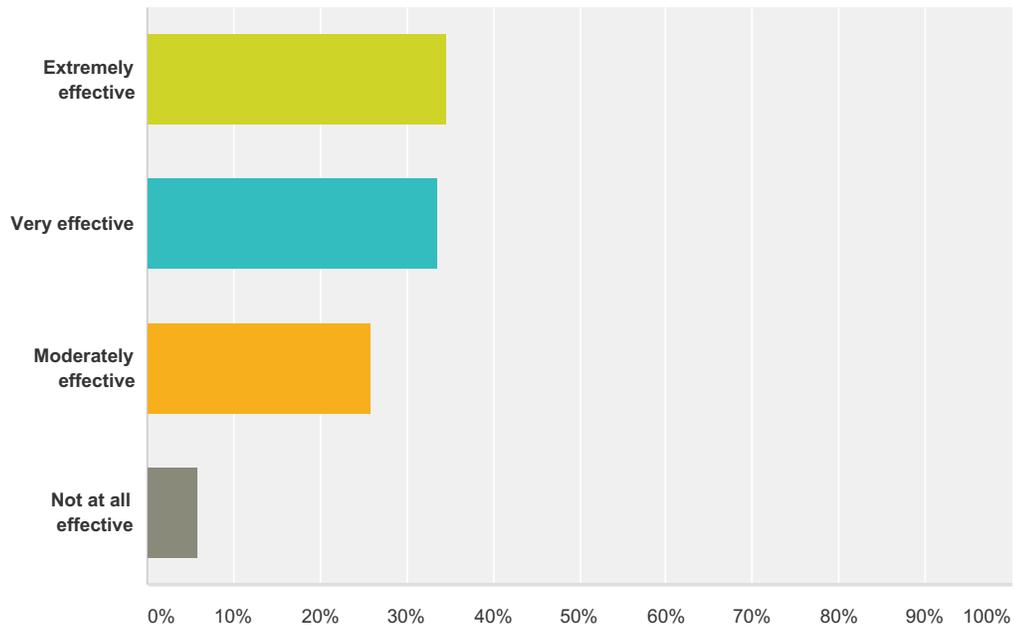
Answered: 185 Skipped: 11



Answer Choices	Responses	
Yes, it greatly impacted public knowledge about the dangers of second-hand smoke	20.54%	38
Yes, it somewhat impacted public knowledge about the health effects of second-hand smoke	40.00%	74
No, I do not think it was effective in educating the public about the effects of second-hand smoke	12.43%	23
I was not aware of any educational efforts about the dangers of second-hand smoke	27.03%	50
Total		185

Q12 How effective do you think enactment of a policy prohibiting smoking in public places would be in reducing the negative health effects of second-hand smoke and ultimately impacting the smoking rate in Saline County?

Answered: 185 Skipped: 11



Answer Choices	Responses	
Extremely effective	34.59%	64
Very effective	33.51%	62
Moderately effective	25.95%	48
Not at all effective	5.95%	11
Total		185

Community Health Needs Assessment 2016

Q13 What measures do you feel should be undertaken to reduce the high numbers of smokers in Saline County?

Answered: 96 Skipped: 100

#	Responses	Date
1	?	4/18/2016 12:20 PM
2	Prohibition of smoking in public places is a good start.	4/18/2016 8:05 AM
3	Testimonials from people who are going through diseases attributed to smoking	4/15/2016 9:43 PM
4	Dunno, the older you get the smarter you get about it, but kids don't worry about it.	4/14/2016 9:28 PM
5	More education	4/14/2016 6:43 PM
6	Provide free help through Saline Co Health Office	4/14/2016 3:08 PM
7	quit selling them, tax them high, reduce accessibility,	4/14/2016 1:06 PM
8	Increase taxes on smoking products	4/14/2016 9:17 AM
9	I think tickets should be issued to smokers that are not 18 years old and possibly to the persons who are providing the whatever they are smoking.	4/14/2016 9:02 AM
10	Increase education efforts and make nicotine replacement products easily available. Encourage physicians/providers to be proactive in offering prescriptions for nicotine replacements and other medications that would help people kick the habit.	4/14/2016 8:39 AM
11	Make it difficult to smoke in public places	4/13/2016 10:04 PM
12	Do not know.	4/13/2016 9:26 PM
13	It's their life. They will quit when ready no matter how much you put out there of the health consequences.	4/13/2016 6:08 PM
14	Smoking ban in all public places-indoor and outdoor	4/13/2016 5:47 PM
15	More education and health coaches to help people quit	4/13/2016 4:57 PM
16	Not sure am a non-smoker	4/13/2016 4:25 PM
17	smoke cessation classes	4/13/2016 4:14 PM
18	Don't know	4/13/2016 3:44 PM
19	all non-smoking facilities	4/13/2016 3:31 PM
20	Higher Taxes!	4/9/2016 5:02 AM
21	Help those people who want to quit smoking.	3/10/2016 2:35 AM
22	I do not know	3/7/2016 12:42 PM
23	Increase the price minimize the places where they are allowed to smoke.	3/6/2016 2:49 PM
24	Educate early age groups by examples of people suffering from the effects of smoking.	3/6/2016 10:07 AM
25	Prohibiting smoking in public places.	3/4/2016 6:59 PM
26	I cannot believe the cost does not deter more people. They have to want to quit! Can't do it for them.	3/4/2016 6:00 PM
27	Don't Know	3/4/2016 4:44 PM
28	Restrict smoking in all public places	3/3/2016 2:00 PM
29	Offer classes with free patches/gum/lozengers to help stop smoking medications for this too if possible	3/3/2016 10:45 AM
30	Prohibiting smoking in public places is a good start.	3/2/2016 7:25 PM
31	Band smoking in Restaurants. I also feel that Parks and Receptions should prohibit smoking during sporting actives or at least 50 feet from the event.	3/1/2016 10:58 PM

Community Health Needs Assessment 2016

32	Prohibiting smoking in public places; more anti-smoking educational efforts directed at children	3/1/2016 10:50 PM
33	Having nurses, respiratory threapist, or other health officials go to schools, (class rooms), churches (afternoon scheduled presentations), clubs (Optimus, VFW, etc.) with grafic literature , and question & answer sessions! When I was in Home Health a few years ago, our job was teaching the public about things like this! I took blood tubes with high levels of cholesterol in them, pamphlets, etc.. After I spoke a short speech about the subject, the questions started in. They listened and were curious after what they saw! This was done at the glove factory, and senior citizens, and a bank!	3/1/2016 7:44 PM
34	None	3/1/2016 5:11 PM
35	Educating young adults and teens about not smoking; improving the local economy so less residents on welfare or low-income and educating people on ways to de-stress their lives. Many people smoke because others in their families have smoked	3/1/2016 2:31 PM
36	Have more non-smoking places and eliminate the smoking allowed restaurants like Angie's.	3/1/2016 1:30 PM
37	TALK TO HIGH SCHOOL AGE KIDS	3/1/2016 11:46 AM
38	We should offer a community based tobacco cessation program. Offer patient assistance for nicotine replacement therapy Early education in the schools on remaining tobacco free	3/1/2016 10:45 AM
39	It needs to be a community wide effort that includes the hospital, public health office and Marshall city government. It needs to target the low economic population that has the highest percentage of smokers.	3/1/2016 10:44 AM
40	increase the local taxes on cigarettes to fund a new shool	3/1/2016 9:21 AM
41	cost	3/1/2016 9:13 AM
42	Community cessation/counseling groups that assist with providing nicotine replacement therapy and work with primary care providers to address prescribing other medications that would assist people to kick the habit.	3/1/2016 8:33 AM
43	Support group	3/1/2016 8:30 AM
44	The governor needs to raise cigarette tax--lowest in nation and I have written him twice regarding that. He could care less!!	3/1/2016 8:27 AM
45	How many smokers are there? Habits are a personal problem and self discipline is the answer and of course education	3/1/2016 6:36 AM
46	Ban smoking in public buildings.	2/29/2016 10:21 PM
47	No smoking in public places and higher taxes on tobacco products	2/29/2016 10:14 PM
48	I don't know. Maybe a higher tax on tobacco. Everyone knows the danger of second hand smoke and of smoking.	2/29/2016 8:44 PM
49	I don't know I have tried to get people to quit and they have health issues	2/29/2016 5:53 PM
50	Not to smoke in public places.	2/29/2016 5:29 PM
51	Going smoke free as a community in all public places might reduce the number of smokers and would certainly benefit non-smokers who are exposed to secondhand smoke.	2/29/2016 3:24 PM
52	Raise the cigarette tax, smoke-free ordinances and more youth education. Link ability to receive health benefits to lifestyle choices.	2/29/2016 3:16 PM
53	More education in the school system about the negative and permanent damage. Columbia has programs starting in 3rd grade explaining to children.	2/29/2016 2:41 PM
54	Seminars, weekly support groups, health incentives...	2/29/2016 1:13 PM
55	do a middle school program with pictures of damaged lungs	2/29/2016 1:09 PM
56	Higher taxes on cigarettes.	2/29/2016 11:56 AM
57	repeating information	2/29/2016 11:46 AM
58	Support Groups to help long-time smokers receive information and tips about how to quit smoking?	2/29/2016 11:26 AM
59	I don't believe that any measures will make a difference	2/29/2016 11:18 AM
60	Old habits are hard to break. We must both educate so people do not start smoking and help those who are smoker's to quit.	2/29/2016 10:55 AM
61	No smoking in public venues.	2/29/2016 10:54 AM
62	I don't believe there are any measures. Smokers only quit when they are ready to quit.	2/29/2016 10:49 AM

Community Health Needs Assessment 2016

63	publicity against smoking band smoking in establishments	2/29/2016 10:47 AM
64	enacting smoke-free policy in Saline County public areas and education from elementary to high school on the grim effects of smoking...make it real so it hits home with them at a young age and again when peer pressure is high	2/29/2016 10:44 AM
65	How to quit seminars	2/29/2016 10:43 AM
66	No sure. Education but has it been working? Parent support and roll modeling would be the best but first you have to get them to quit.	2/29/2016 8:30 AM
67	smoke free restaurants and sporting events at the park, etc. Never fails watching a game at the park and someone lights up right next to you, yuck!	2/29/2016 8:30 AM
68	Not sure - I believe they have to be ready to change themselves.	2/29/2016 8:25 AM
69	I don't believe it's anyone else's business who smokes. We have to breathe in toxins from semi-trucks and buses all the time and those are far worse than second hand smoke. Are you going to ban those as well? If someone asked me to put out my cigarette for fear of second hand smoke I would kindly oblige their request, but no way should big brother tell anyone they aren't allowed to smoke out in public. Secondly, unless you have a undeniable way of assisting smokers in quitting and not some half-hearted approach, then leave them alone because taking away a right or criticizing them is only going to make them smoke more. You need to reward the process and results of quitting smoking, not make it something negative. Telling people it causes cancer and talking about the dangers isn't going to cut it.	2/29/2016 8:12 AM
70	Smoking Cessation programs	2/29/2016 7:11 AM
71	trying to make sure that there are several designated places for people to smoke--they have rights as well as non-smokers.	2/29/2016 6:49 AM
72	Education. Of middle school and high school students	2/28/2016 6:15 PM
73	People are going to smoke if they want to, or are addicted. Cost or other measures are not prohibitive.	2/28/2016 7:30 AM
74	Smoking cessation support group.	2/27/2016 8:32 PM
75	Raise the tax on cigarettes as a deterrent. Offer incentives to withdraw from cigarette/tobacco use.	2/27/2016 5:03 PM
76	Implement an excise tax on cigarettes-make is too expensive. Give the money from the tax to programs for special needs kids or schools.	2/27/2016 12:20 PM
77	Band smoking in public places and educate during campaign to do so about how capitalist greed is killing us	2/27/2016 10:28 AM
78	Ban smoking in ALL public places and events with large fine and/or community service for violation.	2/27/2016 9:13 AM
79	Elementary school anti-smoking education	2/27/2016 8:53 AM
80	?	2/27/2016 7:23 AM
81	As a non smoker, I really don't know the answer to that. I do know that people are stubborn about their "rights" and some enjoy smoking. To them it won't matter what you do. My answers to # 8 & 9 are purely a guess since you did not have an "I don't know choice.	2/27/2016 4:55 AM
82	BAn smoking in public places and put higher taxes on cigarettes	2/26/2016 6:12 PM
83	Non smoking eating and work places	2/26/2016 5:34 PM
84	Eating establishments like Joan's Drive In and Patty's Have-A-Snack should become non-smoking. I would eat at both if they did, but right now I wouldn't step inside them.	2/26/2016 4:24 PM
85	Stop selling cigarettes. Really enforce the laws against young people smoking.	2/26/2016 4:08 PM
86	better education in elementary school about the smoking risks	2/26/2016 4:04 PM
87	More community educational events	2/26/2016 3:50 PM
88	Clean-air ordinance	2/26/2016 3:35 PM
89	Shoot them!	2/26/2016 3:19 PM
90	smoking cessation classes make Marshall smoke-free	2/26/2016 3:18 PM
91	Smoke free areas in parks, schools, and other government areas and enforcement of the law.	2/26/2016 3:16 PM
92	Youth education	2/26/2016 3:16 PM
93	Lower costs for smoking cessation products	2/26/2016 3:15 PM

Community Health Needs Assessment 2016

94	education to teens and young adults to prevent them from starting to smoke in the first place.	2/26/2016 3:15 PM
95	target children from the time they enter the school system until they are out	2/18/2016 4:29 PM
96	Portable shock canons deployed by multiple individuals as a collaboration between cross-disciplinary multi-jurisdictional task force once someone lights up in any public space.	2/18/2016 3:50 PM

Community Health Needs Assessment 2016

Q14 Please describe how can we help individuals become more engaged in improving their health?

Answered: 75 Skipped: 121

#	Responses	Date
1	make it interesting	4/18/2016 12:23 PM
2	Continue with great community participation efforts!	4/18/2016 8:07 AM
3	Testimonials re: how it's never too late to change bad habits when it comes to exercise and diet	4/15/2016 9:51 PM
4	stop enabling current behaviors, (behavior management/coaching), understand each individuals motivational factor that would engage them whether it be their ability to play with their children,grand children, breathe without difficulties, feel healthier...you don't know how much better you feel until you stop what you are doing ..ie overeating, not exercising, smoking	4/14/2016 1:19 PM
5	weekly health tips, dieting, exercises	4/14/2016 11:19 AM
6	It seems that free stuff is what seems to work.	4/14/2016 9:22 AM
7	Na	4/14/2016 9:18 AM
8	Help individuals set self goals and educate on how they are responsible for their own health choices.	4/14/2016 8:42 AM
9	Not sure.	4/13/2016 6:12 PM
10	Increased publicity about healthy diet, exercise locally. Classes about such	4/13/2016 5:50 PM
11	Education regarding the effects of an unhealthy lifestyle.... Not just education regarding how to change. People need to fully understand the consequences of their actions. Also support for those trying to change.	4/13/2016 5:00 PM
12	Having safe sidewalks, bike trails, classes, e mail tips, social media posts. Mental health issues need to be addressed.	4/13/2016 3:55 PM
13	You have to prove to them that thir health is important. With the way the world is,attitudes are poor.	4/13/2016 3:48 PM
14	money usually motivates.	4/13/2016 3:37 PM
15	?	4/13/2016 3:34 PM
16	I don't know	3/7/2016 12:48 PM
17	I wished I knew, possibly supply them with more graphic side effects that can happen with smoking, diabetes, etc.	3/6/2016 3:04 PM
18	Start young, preferably preschool or kindergarten.	3/6/2016 10:19 AM
19	Education should help...but first they have to listen and adhere to the suggestions.	3/4/2016 6:03 PM
20	education, but people need to want to help themselves and improve their health	3/3/2016 2:03 PM
21	???	3/3/2016 10:48 AM
22	Maybe spot lights on the radio.	3/2/2016 7:33 PM
23	People work the best with visual orientation	3/2/2016 11:46 AM
24	Health educational classes for young and old, that are free.	3/1/2016 11:30 PM
25	Keep encouraging exercise & walking programs.	3/1/2016 11:07 PM
26	Show interest in them!	3/1/2016 7:50 PM
27	few people significantly care about their health unless they have a significant health crisis or an enlightening, positive health experience. Open a wellness center (workout center) where patients and residents (especially elderly) can workout. it would also create healthy competition with the Y.	3/1/2016 2:36 PM
28	Encourage membership at the YMCA.	3/1/2016 1:35 PM
29	OFFER FREE TIME TO USE AT BUCKNER WELLNESS CENTER	3/1/2016 11:48 AM

Community Health Needs Assessment 2016

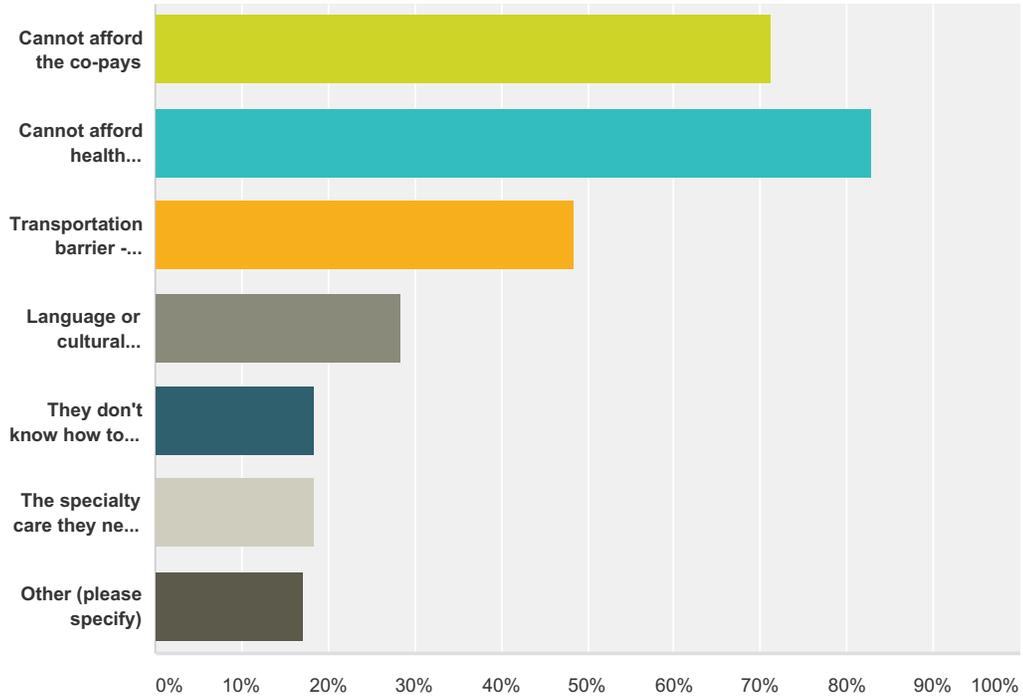
30	Education on diet, food labels, food ingredients. Help them understand what processed foods and chemicals do to their body.	3/1/2016 10:49 AM
31	People seem not to be motivated. Entitlement programs have made them non responsible for there own health situations.	3/1/2016 9:17 AM
32	Provide counseling/coaching to help individuals realize personal benefits of improving their health and assist them with setting personalized short term goals that are easy to meet. Provide a group forum so that individuals can mentor each other.	3/1/2016 8:39 AM
33	group meetings, motivational support, routine follow up, health education, caring attitude	3/1/2016 8:34 AM
34	Maybe newsletters to those in low rent housing, the high rise etc. In doing Meals on Wheels I am aware of the MANY smokers living there.	3/1/2016 8:30 AM
35	Tell them to join the Y. Ask for a personal trainer to learn how to operate the machines Perhaps the hospital could coordinate classes and and meet at the Y	3/1/2016 6:51 AM
36	Make tips pronounced and obvious. Show before and after clips.	2/29/2016 10:28 PM
37	Not sure that is possible	2/29/2016 10:18 PM
38	Education about preventative measures	2/29/2016 9:54 PM
39	Don't know	2/29/2016 9:00 PM
40	TV ads	2/29/2016 5:56 PM
41	Most aren't worrying about it. until it hits & they don't know where o go & they have no insurance.	2/29/2016 5:37 PM
42	Weekly newspaper--health tips-similar to the question/answer Dr. Gott column; weekly health spots on the radio; health spots in Marshall HS newspaper and on the MHS and MO Valley College ITV Programming.	2/29/2016 3:40 PM
43	Link receipt of health and welfare benefits or other financial incentive to health status or health engagement activities.	2/29/2016 3:19 PM
44	By educating them through programs promoted by the Extension office, newspaper, radio station, City Council and library.	2/29/2016 2:42 PM
45	Free or low cost community fitness groups for different activity levels. Cooking seminars. Early childhood education for health and wellness.	2/29/2016 1:29 PM
46	I like the idea of classes on health issues to be held at the hospital	2/29/2016 1:21 PM
47	Public service announcements	2/29/2016 12:27 PM
48	More community education	2/29/2016 11:19 AM
49	It is hard to force someone to improve their health. Perhaps personal testimonials from those who have had health challenges and survived to live a better life would be most effective.	2/29/2016 11:00 AM
50	Television, Newspaper, schools.	2/29/2016 10:59 AM
51	Provide good health care when we come to the hospital.	2/29/2016 10:51 AM
52	accountability...if you have no one to answer to it becomes easy to give up	2/29/2016 10:49 AM
53	Partner with gyms to offer discounted memberships. Provide information regarding easy and affordable meals. Offer incentives for engaging in healthier lifestyles.	2/29/2016 9:05 AM
54	Tough question. They have to want it first and I am unsure how to motivate others to want to be healthier.	2/29/2016 8:32 AM
55	Some type of incentive.	2/29/2016 8:32 AM
56	Offer some kind of concrete incentives for people to "join" the movement to better health besides the physical benefits to themselves--like a membership to the Y or something similar.	2/29/2016 7:28 AM
57	Fitness clubs . . . fitness events . . . (like biking around town) . . . people can join the Y, but there is cost involved there . . . fun, free activities like the "walk-a-thons" ???	2/28/2016 7:36 AM
58	Tax cigarettes even more. Can a city/county do this?	2/27/2016 11:20 PM
59	Emails with health tips and maybe accompanied by motivational statements.	2/27/2016 8:36 PM
60	Care for them as individuals and encourage the socks off of them. Provide group based programs like an 9AM walking group accompanied by staff.	2/27/2016 5:07 PM
61	Offering alternatives to help stop smoking like accupuncture	2/27/2016 12:26 PM

Community Health Needs Assessment 2016

62	more education	2/27/2016 11:19 AM
63	Improve the quality of our public educational system	2/27/2016 10:37 AM
64	Advertise benefits and layout dangers	2/27/2016 7:28 AM
65	Empowering individuals to be a part of their care Offer a text service to community sending out health tips every 2wks or once a month.	2/26/2016 9:31 PM
66	Education in schools, work pLAcEs, unfortunately we have an increasing population of very low income, education that smoke and drink excessively and do not show any desire to change	2/26/2016 5:38 PM
67	Social physical activities	2/26/2016 5:15 PM
68	Health fairs, and Spanish language clinics, with emphasis on treatment of Depression and Diabetes.	2/26/2016 4:55 PM
69	I have lived with type I diabetes, without complications, for almost 60 years by establishing a positive lifestyle. I would like to talk about it.	2/26/2016 4:37 PM
70	More community incentive plans	2/26/2016 3:52 PM
71	Offer a transportation service to the hospital, to help people keep appointments. Have appointment reminder service implemented in outpatient areas.	2/26/2016 3:36 PM
72	Keep providing the information.	2/26/2016 3:25 PM
73	Connect it to fun family activities	2/26/2016 3:17 PM
74	financial incentive	2/18/2016 4:31 PM
75	Pay them. Provide financial incentives for each health meal eaten, each pound lost, and each day without cigarettes or beer.	2/18/2016 3:54 PM

Q15 Please select the top three (3) barriers you believe prevent people in our community from getting the healthcare they need.

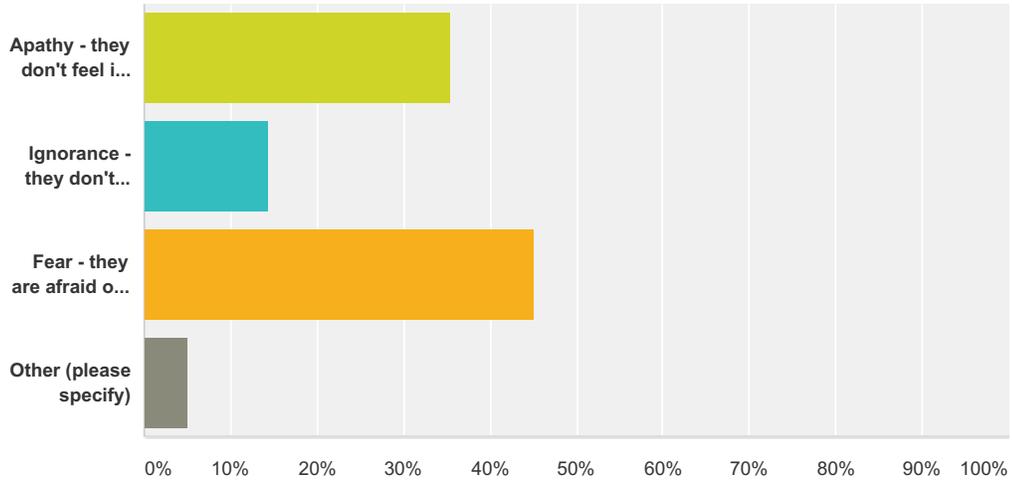
Answered: 180 Skipped: 16



Answer Choices	Responses	Count
Cannot afford the co-pays	71.11%	128
Cannot afford health insurance	82.78%	149
Transportation barrier - cannot get to provider	48.33%	87
Language or cultural barrier	28.33%	51
They don't know how to sign up for health insurance	18.33%	33
The specialty care they need is not available here	18.33%	33
Other (please specify)	17.22%	31
Total Respondents: 180		

Q16 What do you believe is the biggest psycho-social factor preventing people in our community from getting the healthcare they need?

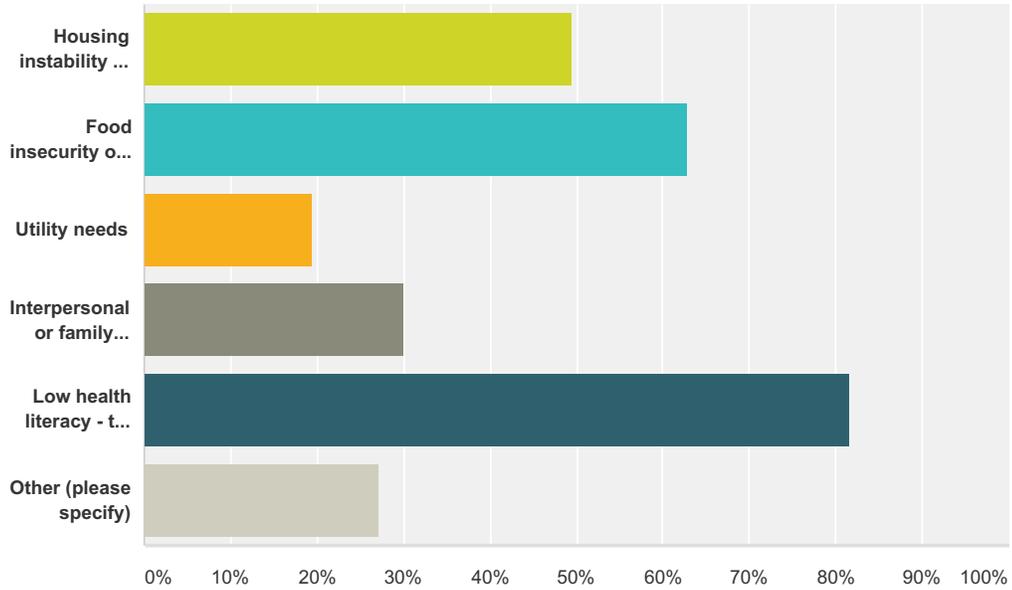
Answered: 180 Skipped: 16



Answer Choices	Responses	
Apathy - they don't feel its important/health is not a priority	35.56%	64
Ignorance - they don't understand what they need or where to get it	14.44%	26
Fear - they are afraid of the cost, the potential diagnosis, the treatment plan or another facet of the healthcare experience	45.00%	81
Other (please specify)	5.00%	9
Total		180

Q17 Please select the top three (3) factors you believe influence the health of our community?

Answered: 180 Skipped: 16



Answer Choices	Responses	
Housing instability or poor quality of housing	49.44%	89
Food insecurity or lack of access to healthy foods	62.78%	113
Utility needs	19.44%	35
Interpersonal or family violence	30.00%	54
Low health literacy - they don't understand what to do to improve their health	81.67%	147
Other (please specify)	27.22%	49
Total Respondents: 180		

Community Health Needs Assessment 2016

Q18 What do you feel should be done to ensure people know about the health services available to them?

Answered: 84 Skipped: 112

#	Responses	Date
1	?	4/18/2016 12:23 PM
2	I am not really sure.	4/18/2016 8:07 AM
3	Provide more nutritional and healthcare services in the schools at an early age.	4/17/2016 10:55 AM
4	Continue the great informational articles in the Marshall Democrat News re: health care available in our community Also, focus on educating the children in our schools re: healthy habits and lifestyles	4/15/2016 9:51 PM
5	Start with educating the kids in school	4/14/2016 3:12 PM
6	im not sure	4/14/2016 11:19 AM
7	Na	4/14/2016 9:18 AM
8	Provide community publications, newspaper, radio, facebook.	4/14/2016 8:42 AM
9	Put the info in places where people go	4/13/2016 10:07 PM
10	In our community people have too many other priorities to handle to worry about health. Affordable housing, transportation, living wage jobs, affordable and quality childcare.	4/13/2016 6:12 PM
11	additional collaborative programs with area schools, senior centers etc; outreach programs	4/13/2016 5:50 PM
12	Go to them.... Go into community, offer services, offer help without strings	4/13/2016 5:00 PM
13	Some PCP's don't seem to know what is available even.	4/13/2016 4:27 PM
14	social workers---doctors--nurses-brochure	4/13/2016 4:18 PM
15	Resources available where the people that need services can access it. Go to them.	4/13/2016 3:55 PM
16	Don't know the answer	4/13/2016 3:48 PM
17	local TV show?	4/13/2016 3:37 PM
18	advertise	4/13/2016 3:34 PM
19	Mail to all homes	3/10/2016 2:38 AM
20	Mail information to the people	3/7/2016 12:48 PM
21	Continue to supply the information & hopefully some day they will see the importance. Also, pray that they realize the importance sooner than later!	3/6/2016 3:04 PM
22	Tough question, I don't have a simple answer.	3/6/2016 10:19 AM
23	Publicize services. I don't even know what Katy Trails is and who can use it.	3/4/2016 6:03 PM
24	Keep advertising them	3/4/2016 4:46 PM
25	hang tags on doors of homes?	3/3/2016 2:03 PM
26	Publications at all Family Services/churches/schools/doctor's offices about services that are available.	3/3/2016 10:48 AM
27	Home visits?	3/2/2016 7:33 PM
28	Education , Education, Education Some form of Out Reach Program	3/1/2016 11:30 PM
29	don't know	3/1/2016 11:07 PM
30	Go to them, let them know, leave information in the lobby for them to pick up and take home!	3/1/2016 7:50 PM
31	informational mailer to each resident in the zip code	3/1/2016 2:36 PM
32	Newspapers, radio.	3/1/2016 1:35 PM

Community Health Needs Assessment 2016

33	radio adds, education to children in schools, education in clinics--TV	3/1/2016 1:19 PM
34	EDUCATION	3/1/2016 11:48 AM
35	Fitzgibbon could advertise more about the scope program-how it works; all the technology available in our radiology department right here at "home"; smoking and wellness community programs at Bucker Wellness-make it more of a community resource instead of referral only.	3/1/2016 10:49 AM
36	Have a more professional, robust website.	3/1/2016 10:46 AM
37	some health literacy programs	3/1/2016 9:23 AM
38	Flyers	3/1/2016 9:09 AM
39	Provide a monthly newsletter that is mailed out to the community. This would reach all citizens, several elderly and low income citizens do not have access to the internet.	3/1/2016 8:39 AM
40	mailers	3/1/2016 8:34 AM
41	Really don't have an answer.	3/1/2016 8:30 AM
42	Perhaps. A "did you know "column in the paper. KMMO. Channel 3. E mails. Many of our population have cell phones covering all incomes	3/1/2016 6:51 AM
43	I don't believe it would matter what you do. Unfortunately, they are not thinking about their health. They have other priorities.	2/29/2016 10:28 PM
44	It is already known what is available, they just don't take advantage of it.	2/29/2016 10:18 PM
45	Outreach booth at WalMart--seriously!!!	2/29/2016 9:54 PM
46	I don't know. Maybe an article in the newspaper, or a mailing to all homes, and info from the doctors'	2/29/2016 9:00 PM
47	It would almost be house to house & talk to the people & have someone that talked their language. Or dealing with the elderly. Health officials present.	2/29/2016 5:37 PM
48	Advertise services. Ask for opportunities to speak to community groups when new services are available. For instance I didn't know the 3-D mammography was available until a hospital employee spoke to a community group.	2/29/2016 3:40 PM
49	Continue to educate - use more social media. It is the wave of the future, and everyone has a smart phone.	2/29/2016 3:19 PM
50	Education through media, schools, senior center, etc.	2/29/2016 2:42 PM
51	put articles in the free Marshall Messenger	2/29/2016 1:21 PM
52	More public programs offered	2/29/2016 12:27 PM
53	More education sent through schools and people's work places.	2/29/2016 11:28 AM
54	Outreach programs and mandatory health screening for Welfare	2/29/2016 11:19 AM
55	You cannot make individuals pay attention to health services offered but the more ways they encounter the information hopefully the better the chance some of it will sink in and change lives.	2/29/2016 11:00 AM
56	More public services and free clinics given by the hospital or even a traveling medical bus for people in areas of county who cannot get to hospital.	2/29/2016 10:59 AM
57	I don't know.	2/29/2016 10:51 AM
58	start in the schools...work with organizations that can encourage and promote healthy lifestyles...get families moving together	2/29/2016 10:49 AM
59	Offer incentives for attending classes or seminars regarding healthy living. For example you can partner with the YMCA or SNAP fitness. If someone attends a healthy living class at Fitz they can receive a voucher for a discounted membership to either gym for a year. If you offer rewards to people for doing things, they will be much more likely to do things that you recommend.	2/29/2016 9:05 AM
60	Make things cost effective more and more insurances have high deductibles so people avoid having to pay the deductibles. Insurance has become only for major medical.	2/29/2016 8:34 AM
61	??	2/29/2016 8:32 AM
62	?	2/29/2016 8:32 AM
63	Radio & newspaper ads about "health counselors"--those who help people sign up for benefits or find places for people to access the health services they need with no charge for this service.	2/29/2016 7:28 AM

Community Health Needs Assessment 2016

64	Post in doctor offices, clinics, service areas,	2/29/2016 7:14 AM
65	Advertisement. Paper and radio	2/28/2016 6:20 PM
66	???	2/28/2016 7:36 AM
67	Newspaper, radio, flyers in convenience stores, library flyers. Flyers in industries.	2/27/2016 8:36 PM
68	Bombard them with encouragement and teach them what priorities will best meet their wants/needs for enhanced health.	2/27/2016 5:07 PM
69	Hold more health fairs, give away a free exam or hold low cost basic cholesterol checks, basic chemistry, etc. More proactive advertising of the providers-we have good ones.	2/27/2016 12:26 PM
70	more education - starting in the school systems	2/27/2016 11:19 AM
71	Get involved in grassroots community organization and the schools	2/27/2016 10:37 AM
72	There are several things that are available that I had not heard of that sometimes come up in conversations. Small notices in the newspaper are not reaching everyone since a lot of people don't take the paper. I guess the radio is good but, personally, I don't listen to the local station so miss anything announced on it.	2/27/2016 5:02 AM
73	Strong active relationships maintained between hospital & community schools & businesses	2/26/2016 9:31 PM
74	Radio and tv	2/26/2016 5:38 PM
75	Outreach to school families and high school students.	2/26/2016 4:55 PM
76	Provide nightly classes at various safe locations around town to answer questions about health concerns and be able to offer personal suggestions to get started and daily support to help establish the habits necessary to keep it happening. I'll be glad to help.	2/26/2016 4:37 PM
77	Saturate all organizations with written information and speakers.	2/26/2016 4:26 PM
78	More agencies involvement	2/26/2016 3:52 PM
79	Use facebook and social media more.	2/26/2016 3:36 PM
80	Keep pushing the information out to them.	2/26/2016 3:25 PM
81	Create hands on opportunities instead of just information.	2/26/2016 3:18 PM
82	Again, connecting it to fun family activities	2/26/2016 3:17 PM
83	incentivize good choices they may make	2/18/2016 4:31 PM
84	Nothing beats apathy like a health crisis. Each person should experience a health crisis.	2/18/2016 3:54 PM



Appendix 3

**County Health Rankings Comparative Snapshots
(2016 vs. 2012)**

[SEE ATTACHED]

Saline (SA)

	Saline County	Error Margin	Top U.S. Performers [^]	Missouri	Rank (of 115)
Health Outcomes					67
Length of Life					42
Premature death	7,600	6,400-8,900	5,200	7,700	
Quality of Life					95
Poor or fair health**	20%	19-20%	12%	16%	
Poor physical health days**	4.4	4.2-4.6	2.9	4.1	
Poor mental health days**	4.0	3.8-4.2	2.8	3.7	
Low birthweight	8%	7-10%	6%	8%	
Health Factors					62
Health Behaviors					100
Adult smoking**	23%	22-23%	14%	21%	
Adult obesity	38%	32-45%	25%	31%	
Food environment index	6.7		8.3	6.9	
Physical inactivity	29%	23-35%	20%	26%	
Access to exercise opportunities	43%		91%	76%	
Excessive drinking**	15%	14-16%	12%	16%	
Alcohol-impaired driving deaths	20%	9-33%	14%	33%	
Sexually transmitted infections	244.2		134.1	453.8	
Teen births	44	39-50	19	38	
Clinical Care					46
Uninsured	17%	15-19%	11%	15%	
Primary care physicians	1,790:1		1,040:1	1,420:1	
Dentists	3,340:1		1,340:1	1,870:1	
Mental health providers	930:1		370:1	600:1	
Preventable hospital stays	92	82-103	38	59	
Diabetic monitoring	90%	80-99%	90%	86%	
Mammography screening	69%	58-79%	71%	62%	
Social & Economic Factors					38
High school graduation	92%		93%	88%	
Some college	53%	47-59%	72%	65%	
Unemployment	5.6%		3.5%	6.1%	
Children in poverty	23%	17-29%	13%	21%	
Income inequality	4.1	3.7-4.6	3.7	4.6	
Children in single-parent households	39%	31-47%	21%	33%	
Social associations	14.6		22.1	11.8	
Violent crime	211		59	452	
Injury deaths	70	56-87	51	74	
Physical Environment					54
Air pollution - particulate matter	9.6		9.5	10.2	
Drinking water violations	Yes		No		
Severe housing problems	13%	11-16%	9%	15%	
Driving alone to work	80%	77-83%	71%	82%	
Long commute - driving alone	18%	16-21%	15%	30%	

[^] 10th/90th percentile, i.e., only 10% are better.

Note: Blank values reflect unreliable or missing data

** Data should not be compared with prior years due to changes in definition/methods

Saline (SA)

	Saline County	Error Margin	Top U.S. Performers [^]	Missouri	Rank (of 115)
Health Outcomes					50
Length of Life					65
Premature death	8,719	7,333-10,104	5,466	7,981	
Quality of Life					31
Poor or fair health	15%	11-19%	10%	16%	
Poor physical health days	2.7	2.1-3.4	2.6	3.6	
Poor mental health days	3.7	2.5-4.8	2.3	3.7	
Low birthweight	7.5%	6.4-8.7%	6.0%	8.1%	
Health Factors					47
Health Behaviors					81
Adult smoking	28%	22-35%	14%	24%	
Adult obesity	31%	26-37%	25%	31%	
Physical inactivity	30%	24-36%	21%	28%	
Excessive drinking	19%	14-25%	8%	17%	
Motor vehicle crash deaths	27	19-35	12	19	
Sexually transmitted infections	258		84	438	
Teen births	42	37-48	22	44	
Clinical Care					16
Uninsured	19%	17-20%	11%	15%	
Primary care physicians	1,614:1		931:1	1,274:1	
Preventable hospital stays	87	76-97	49	75	
Diabetic monitoring	89%	79-99%	89%	84%	
Mammography screening	69.6%	56.9-81.8%	74.5%	64.6%	
Social & Economic Factors					62
High school graduation	85%			86%	
Some college	50.5%	44.9-56.2%	68.4%	60.8%	
Unemployment	8.3%		5.4%	9.6%	
Children in poverty	27%	21-34%	13%	21%	
Inadequate social support	22%	16-28%	14%	19%	
Children in single-parent households	38%	30-46%	20%	32%	
Violent crime	177		73	518	
Physical Environment					31
Air pollution-particulate matter days	0		0	0	
Air pollution-ozone days	0		0	7	
Access to recreational facilities	13		16	10	
Limited access to healthy foods	2%		0%	8%	
Fast food restaurants	52%		25%	47%	

[^] 10th/90th percentile, i.e., only 10% are better.
 Note: Blank values reflect unreliable or missing data