

# 2023

## Community Health Needs Assessment



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Early Childhood



Adolescents



Adults



Seniors

## INTRODUCTION

Memorial Hospital in Chester has been a leader in healthcare in the region for 60 years and continues to thrive. Since the groundbreaking on November 4, 1960, Memorial has been dedicated to growing for the future of healthcare to meet the community's needs.

The original building consisted of 45 beds, two emergency operating rooms and two major surgery rooms, x-ray facilities, two obstetrics delivery rooms, and a nursery. The basement was used for storage and office space. Over the years, the bed count has been reduced to 25 and two ICU beds, and the services available have increased and improved as technology and healthcare have made innovative advancements. Many of the services offered now are outpatient and overnight stays in the hospital and are not as necessary for recovery as they were in the 1960s. As healthcare has changed, Memorial has adapted to continue to provide the best quality care possible for the people it serves.

Memorial opened its doors on October 12, 1962. The first active medical staff was appointed on September 20, 1962, and included I.D. Newmark, M.D., and Milton Zemlyn, M.D., both of Chester. In May 1970, eight years after the first patients were accepted, an addition was added onto the east wing of that hospital that created an expansion containing 34 beds and five ICU beds.

In 1973 and 1974, the basement level of the hospital was renovated to provide a new and expanded Laboratory, Physical Therapy Department, Respiratory Care Department, Nuclear Medicine Department, Maintenance and Engineering quarters, Linen Room, Eye Clinic, ENT Clinic, EEG Facility, Personnel Office, and additional classroom area.

Dr. Stephen Platt joined Dr. Newmark and Dr. Zemlyn in Chester in 1977 with Dr. James Krieg following in 1980. Together, these four family healthcare providers broke ground in 1982 on the Chester Clinic P.C., located on Old Plank Road. The original facility included a laboratory, x-ray unit, and space for physical therapy and minor surgeries. The Chester Clinic is still in use today but no longer offers on-site x-ray or physical therapy and only conducts small procedures in one of two procedure rooms at the clinic.

The next expansion at Memorial Hospital did not happen until 1997-1998 when the Emergency Room, Obstetrics, and Operating Room departments were expanded on the west end of the hospital. The 11,750 square foot addition was completed on May 16, 1999. About a year later, the family providers expanded their practice with the Steeleville Family Practice location that opened on April 13, 1998, and remains active today.

The final purchase of property for Memorial Hospital was in 2004, when the once "Oogies's Building" at 833 Lehmen Drive was purchased. After much renovation, the therapy department moved in May 2007 from its 2,800-square-foot space at the hospital to their current location, which offers 9,000 square feet of private treatment rooms, a full gym, large therapy room, and aquatic rehab pool. The Therapy & Sports Rehab Center currently provides physical therapy, occupational therapy, and speech-language therapy in outpatient settings at the facility and provides inpatient care at the hospital.

The last expansion to the hospital prior to current renovations was in July 2010 when the addition next to the ER entrance was added to house the new MRI unit.

Memorial's most recent construction has included the remodel of Same Day Surgery and the Infusion and Chemo Therapy Departments in 2015. In 2017, improvements were made in the lower level of the hospital to add an employee training room, new sleep study rooms, and restrooms. The main entrance of the hospital received a facelift in 2019 with the complete renovation of the main entrance and registration area, outside canopy drop off, and ER waiting room.

In 2020, the lower level of the northeast wing was renovated to improve office spaces for the Medical Records Department, Business Office, Administrative Staff, and Board Room.

Even during a pandemic, in 2021, Memorial held strong and moved forward with renovations to the new Medical Surgical Unit and ICU which now occupies the upper level of the northeast wing. This remodel was designed with the latest technology and safety features to improve patient care and employee workflows. Most recently, in 2022, the new Memorial Community Pharmacy was added in the west wing, along with a newly renovated location for cardiopulmonary and nuclear medicine. Renovations will continue at the hospital for the next few years and include the addition of a Medical Office Building to begin in 2023.

Memorial is thankful for the community support as crews work vigorously to continue to build for their future in healthcare.



#### **MISSION**

The Memorial Hospital team is committed to professional excellence in providing safe, quality healthcare, compassion, and service to patients, the community, and each other.



## EXECUTIVE SUMMARY

Provisions in the Affordable Care Act (ACA) require charitable hospitals to conduct a Community Health Needs Assessment (CHNA). The CHNA is a systematic process involving the community to identify and analyze community health needs as well as community assets and resources in order to plan and act upon priority community health needs.

This assessment process results in a CHNA report which assists the hospital in planning, implementing, and evaluating hospital strategies and community benefit activities. This Community Health Needs Assessment was developed and conducted, in partnership with representatives from the community, by a consultant provided through the Illinois Critical Access Hospital Network (ICAHN). ICAHN is a not-for-profit 501(c)(3) corporation established in 2003 for the purposes of sharing resources, education, promoting operational efficiencies, and improving healthcare services for critical access and rural hospitals and their communities.

ICAHN, with 58 member hospitals, is an independent network governed by a nine-member board of directors, with standing and project development committees facilitating the overall activities of the network. ICAHN continually strives to strengthen the capacity and viability of its members.

This Community Health Needs Assessment will serve as a guide for planning and implementation of healthcare initiatives that will allow the hospital and its partners to best serve the emerging health needs of Chester and the surrounding area.

The CHNA process was coordinated by the Director of Performance Improvement. Two focus groups met to discuss the state of overall health and wellness in the Memorial Hospital service area and to identify health concerns and needs in the delivery of healthcare and health services in order to improve wellness and reduce chronic illness for all residents.

The focus groups included representatives of healthcare providers, community leaders, community services providers, schools, faith-based organizations, local elected officials, public health, and others. Several members of these groups provided services to underserved and unserved persons as all or part of their roles.

The findings of the focus groups were presented, along with secondary data analyzed by the consultant to a third group for identification and prioritization of the significant health needs facing the community. The group consisted of representatives of public health, community leaders, healthcare providers, and community services providers.

## **IDENTIFICATION AND PRIORITIZATION > ADDRESSING THE NEED**

At the conclusion of their review and discussion, the identification and prioritization group advanced the following needs:



- 1. Improve Access to Local Direct Services**
  - a. Access to local urgent care
  - b. Improve local access to vaccines
- 2. Increase Access to Mental Health Services at All Levels**
- 3. Increase Local Healthcare Workforce by Increasing Access to Day Care for Healthcare Workers and Community Members**
- 4. Improve Access to Local Dentist Services**
- 5. Improve Local Health Equity**

The results of the assessment process were then presented to the senior staff at Memorial Hospital through a facilitated discussion for development of a plan to address the identified and prioritized needs.

## **ADDRESSING THE NEED > CREATING THE PLAN**

The group addressed the needs with the following strategies:

- Memorial Hospital will build a Medical Office Building that will house a Convenient Care clinic along with other providers.
- Memorial Hospital will develop means for the new pharmacy to grow access to all vaccines through increased clinics for COVID vaccines and others.
- Memorial Hospital will continue to collaborate with community and health care partners to develop community-wide resources that provide solutions to service needs.
- Memorial Hospital will continue to seek grants and other resources for mental health mid-level providers and community workers.
- Memorial Hospital will continue support of the new before-and-after school program.
- Memorial Hospital will explore developing a community daycare center in collaboration with other interested organizations and persons.
- Memorial Hospital will assist community efforts to address dental needs as reasonable and appropriate.
- Memorial Hospital will collaborate with community partners to provide a health resource event targeted to the local Spanish-speaking audience.
- Memorial Hospital will continue building responses to healthcare needs of Spanish-speaking community members based on a local health equity survey conducted by the Illinois Health and Hospital Association.
- Memorial Hospital will support efforts of the new Spanish-speaking social workers.

## BACKGROUND

The Community Health Needs Assessment process is conducted every three years. In response to issues identified and prioritized and the Implementation Strategy developed to address them, Memorial Hospital has been ambitious. The detailed approach to the issues begins here and continues as Appendix A on Page 85.

### Increase available substance abuse prevention education and programming

Proposed Plan of Action	Tasks	Events
<ul style="list-style-type: none"> <li>- Fentanyl training               <ul style="list-style-type: none"> <li>o First responders and nursing staff</li> </ul> </li> <li>- Naloxone/Narcan training               <ul style="list-style-type: none"> <li>o Randolph County community members and educators</li> </ul> </li> <li>- Parent education materials on opioid prescription monitoring for their children and one-on-one consultations when opioids are prescribed to minors</li> <li>- Work with MH staff to communicate the dangers of opioid addiction</li> <li>- Assist in promotion of COPS program</li> </ul>	<p>"Hidden in Plain Sight" event hosted in cooperation with Southern Illinois Substance Abuse Alliance (SISAA) at Chester Grade School</p> <p>Work with Chester Police Department, Chester Fire Department, Medstar, and Health Department to organize Fentanyl training and Naloxone/Narcan training through SISAA</p>	<p>October 2018</p> <p>Trainings held in 2019 and one planned in Jan 2023</p>
<b>Current and Ongoing Actions</b> <ul style="list-style-type: none"> <li>- Continue education with physicians on prescription monitoring</li> <li>- ER is equipped with brochures explaining our policy on pain management</li> <li>- Frequent ads and education on the dangers of substance abuse are shared on MH Facebook page</li> <li>- "CATCH My Breath" vaping curriculum instructed by Jackson County Health Department to be provided at Chester High School and Elementary School</li> <li>- Randolph County Health Department IPLAN and SISAA collaboration               <ul style="list-style-type: none"> <li>o Support schools in building protective factors against alcohol and other drug use</li> <li>o Support and build positive parenting opportunities</li> <li>o Build a community environment that reflects healthy norms</li> <li>o Develop youth prevention leaders and peer-to-peer support in school using materials form SAMHSA , "Talk, They Hear You"</li> <li>o Decrease stigma related to addiction and recovery</li> </ul> </li> </ul>	<p>SAMHSA informational pamphlets provided to CHS for high school registration</p> <p>Anti-vaping posters from SAMHSA provided to local schools</p> <p>"Hidden in Plain Sight" event hosted in cooperation with SISAA at Chester Grade School</p> <p>Held fentanyl training for CGS/CHS administrators in November 2019</p> <p>SISAA hosted prevention assemblies in Chester, Coulterville, Sparta, and Steelevator</p> <p>SISAA's Red Bud High School Operation Snowball Team won the Cebrin Goodman Teen Institute Community Action Team award and provided two midnight sports tournaments in the fall</p>	<p>July 2019</p> <p>September 2019</p> <p>October 2019</p> <p>November 2019</p> <p>March 2022</p> <p>July 2022</p>

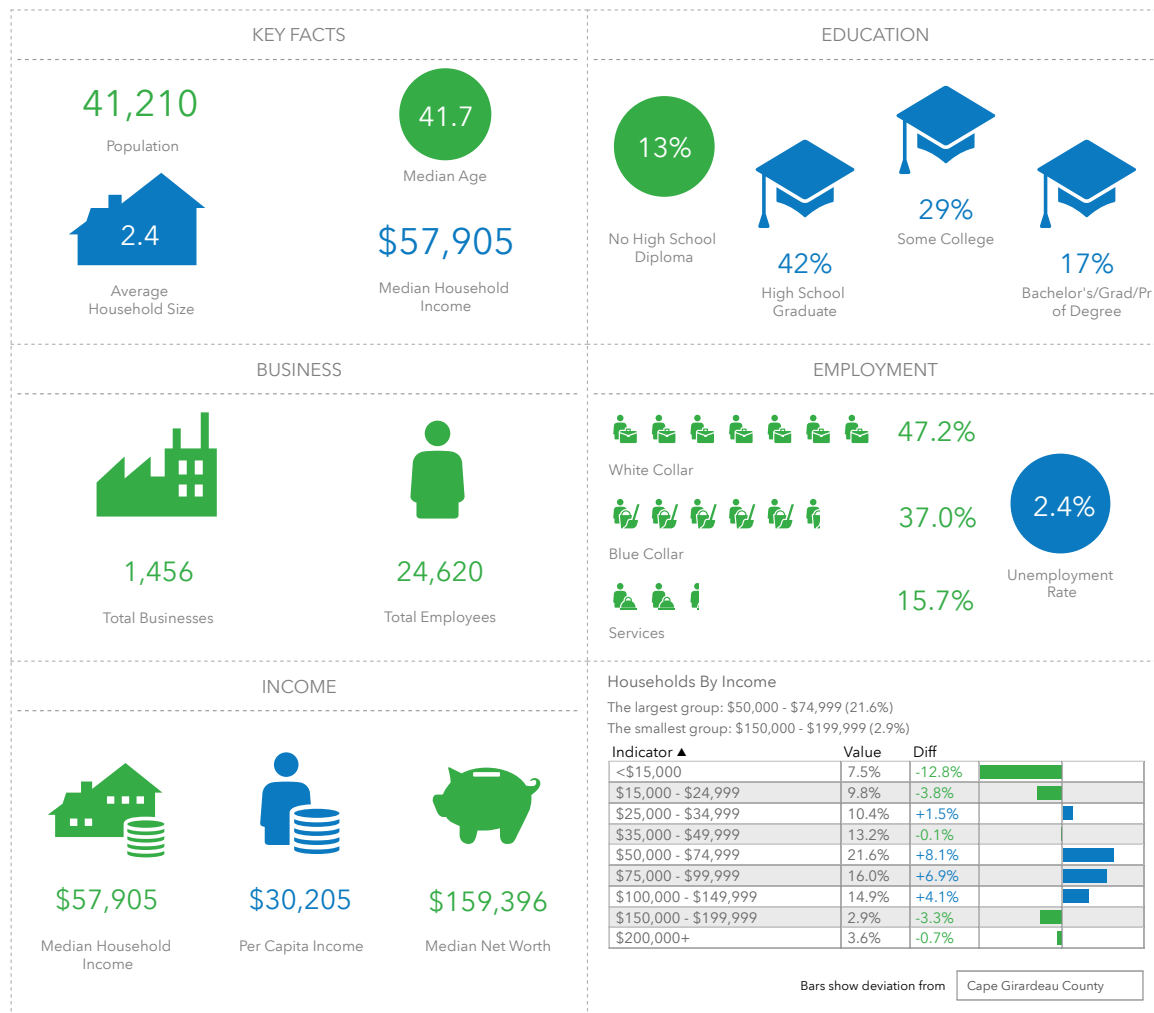
## AREA SERVED BY MEMORIAL HOSPITAL



For the purpose of this CHNA, Memorial Hospital has defined its primary service area and populations as the general population within the geographic area in and surrounding Chester, IL, defined in detail below. The hospital's patient population includes all who receive care without regard to insurance coverage or eligibility for assistance. The service area consists of the following rural communities.

Chester, IL	Percy, IL	Ellis Grove, IL	Walsh, IL
Sparta, IL	Cutler, IL	Evansville, IL	Willisville, IL
Ava, IL	Steeleville, IL	Campbell Hill, IL	Perryville, MO

## Memorial Hospital Service Area – Key Facts



The data on the following pages will take a deep dive into the demographics of Memorial Hospital's service area and will offer insight to both the commonality and complexity of the Memorial Hospital audience. The infographic above highlights some of the key facts of that data and provides a snapshot of the population served by Memorial Hospital.

The average household size of the area, at 2.4, is lower than both Illinois (3.00) and the U.S. (2.50). Median age is 41.7 years, which is higher than both Illinois (38.6) and the U.S. (38.0). The largest education segment is high school graduate, followed by some college.

The unemployment rate of 2.4% is lower than both Illinois (4.6%) and the U.S. (3.6%). Also, median family household income in the service area (\$57,905) is lower than both the Illinois' median family household income (\$65,886) and the U.S. (\$61,937).

## LOCAL IMPACT OF COVID

### COVID-19 Mortalities

There have been 141 total deaths among patients with confirmed cases of the coronavirus disease COVID-19. The mortality rate in the report area is 245.56 per 100,000 population, which is less than the state average of 283.86.

Report Area	Total Population	Total Deaths
Jackson County, IL	57,419	141
Perry County, IL	21,174	100
Randolph County, IL	32,106	135
Cape Girardeau County, MO	78,753	269
Perry County, MO	19,150	51
Illinois	12,741,080	36,167
Missouri	6,126,452	21,272
United States	326,262,499	1,088,980

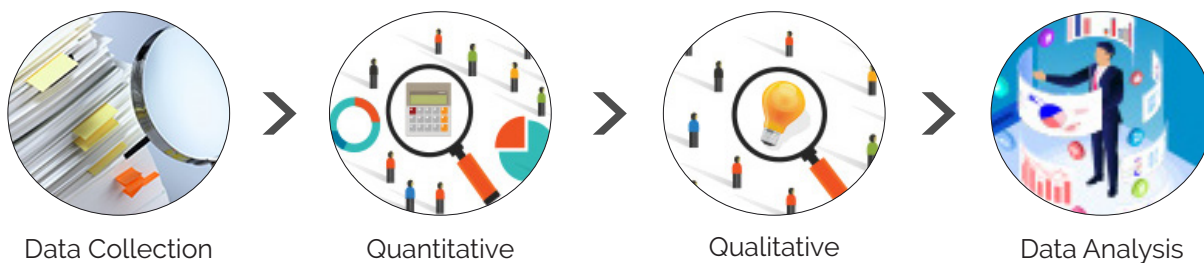
### COVID-19 Mortalities

## COVID-19 Fully Vaccinated Adults

This indicator reports the percent of adults fully vaccinated for COVID-19. Vaccine hesitancy is the percent of the population estimated to be hesitant towards receiving a COVID-19 vaccine. The Vaccine Coverage Index is a score of how challenging vaccine roll-out may be in some communities compared to others, with values ranging from 0 (least challenging) to 1 (most challenging).

Report Area	Percent of Adults Fully Vaccinated	Estimated Percent of Adults Hesitant About Receiving COVID-19 Vaccination	Vaccine Coverage Index	Last Update
Memorial Hospital - Chester	58.73%	12.59%	0.55	09/28/2022
Jackson County, IL	59.80%	9.85%	0.52	09/28/2022
Perry County, IL	60.80%	9.85%	0.61	09/28/2022
Randolph County, IL	61.90%	10.02%	0.51	09/28/2022
Cape Girardeau County, MO	59.30%	14.34%	0.40	09/28/2022
Perry County, MO	49.90%	16.38%	0.61	09/28/2022
Illinois	76.59%	7.94%	0.37	09/28/2022
Missouri	61.22%	13.41%	0.56	09/28/2022
United States	73.75%	10.27%	0.44	09/28/2022





## ESTABLISHING THE CHNA INFRASTRUCTURE AND PARTNERSHIPS

### Data Collection

#### SECONDARY DATA

#### Description of Data Sources – Quantitative

Quantitative (secondary) data is collected from many resources including, but not restricted to, the following:

Source	Description
Behavioral Risk Factor Surveillance System	The BRFSS is the largest, continuously conducted telephone health survey in the world. It enables the Center for Disease Control and Prevention (CDC), state health departments, and other health agencies to monitor modifiable risk factors for chronic diseases and other leading causes of death.
SparkMap	SparkMap is an online mapping and reporting platform powered by the Center for Applied Research and Engagement Systems (CARES) at the University of Missouri.
US Census	National census data is collected by the US Census Bureau every 10 years.
Centers for Disease Control	Through the CDC's National Vital Statistics System, states collect and disseminate vital statistics as part of the US's oldest and most successful intergovernmental public health data sharing system.

Source	Description
County Health Rankings	Each year, the overall health of each county in all 50 states is assessed and ranked using the latest publicly available data through a collaboration of the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute.
American Communities Survey	The American Community Survey (ACS), a product of the U.S. Census Bureau, helps local officials, community leaders, and businesses understand the changes taking place in their communities. It is the premier source for detailed population and housing information about our nation.
Illinois Department of Employment Security	The Illinois Department of Employment Security is the state's employment agency. It collects and analyzes employment information.
National Cancer Institute	The National Cancer Institute coordinates the National Cancer Program, which conducts and supports research, training, health information dissemination, and other programs with respect to the cause, diagnosis, prevention, and treatment of cancer, rehabilitation from cancer, and the continuing care of cancer patients, and the families of cancer patients.
Illinois Department of Public Health	The Illinois Department of Public Health is the state agency responsible for preventing and controlling disease and injury, regulating medical practitioners, and promoting sanitation.
HRSA	The Health Resources and Services Administration of the US Department of Health and Human Services develops health professional shortage criteria for the nation and uses that data to determine the location of Health Professional Shortage Areas and Medically Underserved Areas and Populations.
Local IPLANS	The Illinois Project for Local Assessment of Needs (IPLAN) is a community health assessment and planning process that is conducted every five years by local health jurisdictions in Illinois.
ESRI	ESRI (Environmental Systems Research Institute) is an international supplier of Geographic Information System (GIS) software, web GIS and geodatabase management applications. ESRI allows for specialized inquiries at the zip code, or other defined, level.
Illinois State Board of Education	The Illinois State Board of Education administers public education in the state of Illinois. Each year, it releases school "report cards" which analyze the makeup, needs, and performance of local schools.
USDA	USDA, among its many functions, collects and analyzes information related to nutrition and local production and food availability.

Secondary data is initially collected through the SparkMap and/or ESRI systems and then reviewed. Questions raised by the data reported from those sources are compared with other federal, state, and local data sources in order to resolve or reconcile potential issues with reported data.

## PRIMARY DATA

Two focus groups were convened at Memorial Hospital on September 22, 2022.

Group 1 consisted of medical professionals and partners, hospital staff, nursing home and assisted living providers, the county health department, and others. Group 2 consisted of community members and medical professionals including a physician, pharmacist, school superintendent, Fire/EMS personnel, a Regional Office of Education representative, ministers, and others.

In response to a request to identify positive developments in health and wellness of the community, The following information was referenced:

### **Group 1: Medical professionals and partners, hospital staff, nursing home and assisted living providers, and county health department personnel**

- Medical Explorers group at Memorial Hospital to educate youth about local healthcare professions
- Retail pharmacy at Memorial Hospital
- Increased access to specialty services
- Memorial Hospital is doing a good job informing and educating the community
- City of Chester is exploring affordable housing needs
- 340B drug program is helping uninsured and underinsured patients
- Memorial Hospital maintains strong relations with Hispanic community members
- County-wide collaboration on community issues is good
- Access to vaccines has been expanded to pharmacies and other locations
- Memorial Hospital takes a leadership role in facilitating local collaboration
- Memorial Hospital stepped up to address vaccination needs related to COVID

In response to a question to identify health and wellness needs that remain in the service area of Memorial Hospital, the group advanced the following issues and concerns:

- Improve access to mental health services, including counselors for adults and youth
- Local recovery opportunities for substance use disorders
- Transportation to and from medical services and appointments
- Increase local opportunities for recreation
- Continue to recruit local healthcare workforce at all levels
- Increase opportunities for youth to be happy and healthy
- Reestablish a broad local workforce
- Expand substance use prevention efforts
- Address day care needs in the community
- Increase education for youth about STDs
- Increase education and services to address suicide among youth
- Continue momentum toward better access to healthy food and nutrition information

**Group 2: Community members and medical professionals including a physician, pharmacist, school superintendent, Fire/EMS personnel, a Regional Office of Education representative, ministers, and others.**

Recent positive developments identified included:

- New disc golf course at public park
- Community activities have opened back up following COVID
- Memorial Hospital and its resources are evident to new residents
- Southern Illinois Substance Abuse Alliance has increased activities
- Memorial Hospital has merged with providers, resulting in increased access
- Community is working together to recruit and welcome new members

- Better Together group is addressing food access issues
- Coming out of COVID has increased opportunities for community education on many issues for youth and adults

Health and wellness needs facing the communities were identified as:

- Improved access to vaccines
- Support groups to address substance use disorders (including alcohol)
- Reliable, affordable, and flexible public transportation
- Transportation to and from medical appointments and services, particularly for uninsured and underinsured
- Improve access to behavioral health beds
- Access to day care and after-school care for youth
- Improve access to urgent care
- Athletic training services in partnership with schools
- Increase cultural sensitivity community-wide
- Increase access to nutrition education
- Greenways and other opportunities for recreation and education





Age Group



Ethnicity



Race



Disability

## DATA ANALYSIS

### DEMOGRAPHICS

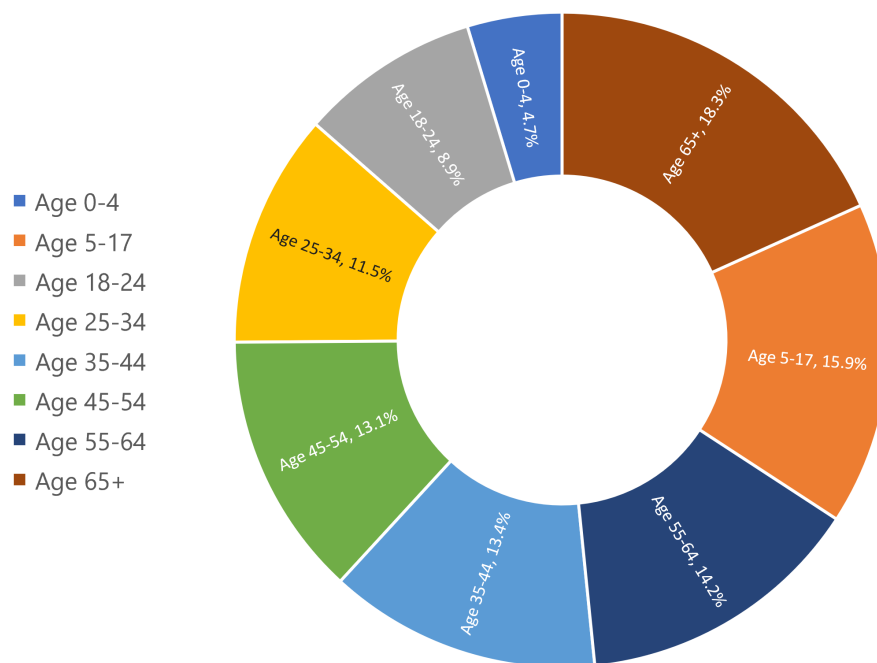
#### Total Population Change between 2010 and 2020

According to the United States Census Bureau Decennial Census, between 2010 and 2020, the population in the service area fell by -2,923 persons, a change of -6.77%. A significant positive or negative shift in total population over time impacts healthcare providers and the utilization of community resources.

Report Area	Total Population, 2010 Census	Total Population, 2020 Census	Population Change, 2010-2020	Population Change, 2010-2020, Percent
Memorial Hospital - Chester	43,183	40,260	-2,923	<b>-6.77%</b>
Jackson County, IL	60,218	52,974	-7,244	-12.03%
Perry County, IL	22,350	20,945	-1,405	-6.29%
Randolph County, IL	33,476	30,163	-3,313	-9.90%
Cape Girardeau County, MO	75,674	81,710	6,036	7.98%
Perry County, MO	18,971	18,956	-15	-0.08%
Illinois	12,830,633	12,812,508	-18,125	-0.14%
Missouri	5,988,913	6,154,913	166,000	2.77%
United States	312,471,161	334,735,155	22,263,994	7.13%

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

## Total Population by Age Groups, Memorial Hospital Service Area



## Total Population by Ethnicity

Report Area	Total Population	Hispanic or Latino Population	Hispanic or Latino Population, Percent	Non-Hispanic Population	Non-Hispanic Population, Percent
Memorial Hospital - Chester	40,182	1,405	3.50%	38,777	96.50%
Jackson County, IL	53,676	2,452	4.57%	51,224	95.43%
Perry County, IL	21,158	689	3.26%	20,469	96.74%
Randolph County, IL	30,632	1,031	3.37%	29,601	96.63%
Cape Girardeau County, MO	81,086	2,020	2.49%	79,066	97.51%
Perry County, MO	19,007	441	2.32%	18,566	97.68%
Illinois	12,821,813	2,250,076	17.55%	10,571,737	82.45%
Missouri	6,141,534	271,566	4.42%	5,869,968	95.58%
United States	329,725,481	60,806,969	18.44%	268,918,512	81.56%

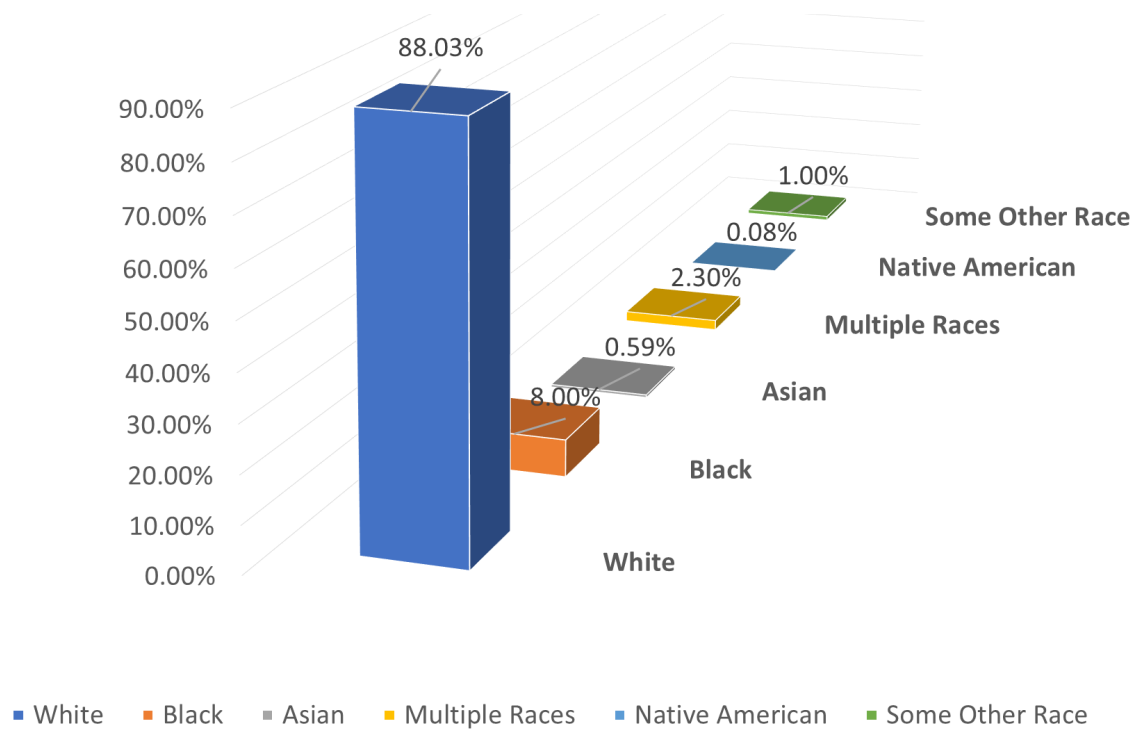
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

## Total Population by Race Alone

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Memorial Hospital - Chester	35,371	3,216	237	31	0	403	924
Jackson County, IL	40,131	7,807	1,855	155	88	1,467	2,173
Perry County, IL	18,373	1,801	124	18	0	237	605
Randolph County, IL	26,254	3,264	203	27	15	382	487
Cape Girardeau County, MO	70,394	5,980	1,205	90	80	396	2,941
Perry County, MO	18,149	102	179	6	0	27	544
Illinois	8,699,413	1,804,013	725,482	42,714	5,111	795,980	749,100
Missouri	4,930,466	695,678	123,406	19,904	8,468	84,084	279,528
United States	224,789,109	41,393,012	18,782,924	2,722,661	615,557	18,382,796	23,039,422

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

## Total Population by Race Alone, Memorial Hospital Service Area



## Population with any Disability

This indicator reports the percentage of the total civilian non-institutionalized population with a disability. The service area has a total population of 38,287 for whom disability status has been determined, of which 6,031 or 15.75% have any disability. This indicator is relevant because disabled individuals comprise a vulnerable population that requires targeted services and outreach by providers.

Report Area	Total Population (For Whom Disability Status Is Determined)	Population with a Disability	Population with a Disability, Percent
Memorial Hospital - Chester	38,287	6,031	15.75%
Jackson County, IL	56,984	8,779	15.41%
Perry County, IL	18,475	3,780	20.46%
Randolph County, IL	28,324	4,773	16.85%
Cape Girardeau County, MO	77,586	10,830	13.96%
Perry County, MO	18,852	2,585	13.71%
Illinois	12,536,614	1,404,151	11.20%
Missouri	6,011,968	865,039	14.39%
United States	321,525,041	40,786,461	12.69%

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



## SOCIAL DETERMINANTS OF HEALTH

The data and discussion on the following pages will take a look into the social determinants in the Memorial Hospital service area and will offer insight into the complexity of circumstances that impact physical and mental wellness for the Memorial Hospital audience. The infographic on Page 28 provides a snapshot of the at-risk population served by Memorial Hospital.

The CDC describes social determinants of health as conditions in the places where people live, learn, work, and play that affect a wide range of health and quality of life risks and outcomes. Healthy People 2030 uses a place-based framework that outlines five key areas of SDoH:

- Healthcare access and quality, including:
  - Access to healthcare
  - Access to primary care
  - Health insurance coverage
  - Health literacy
- Education access and quality, including:
  - High school graduation
  - Enrollment in higher education
  - Educational attainment in general
  - Language and literacy
  - Early childhood education and development
- Social and community context – within which people live, learn work and play, including:
  - Civic participation
  - Civic cohesiveness
  - Discrimination
  - Conditions within the workplace
- Economic stability, including:
  - Income
  - Cost of living
  - Socioeconomic status
  - Poverty

- Employment
- Food security
- Housing stability
- Neighborhood and built environment, including:
  - Quality of housing
  - Access to transportation
  - Availability of healthy food
  - Air and water quality
  - Crime and violence

Some of the social determinant indicators reflected in the data include:

- 5,015 households with disability
- 1,742 households below the poverty level (13%)
- Median household income is \$57,905, which is lower than both Illinois and the U.S.

## Veteran Population

This indicator reports the percentage of the population age 18 and older that served (even for a short time), but is not currently serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard, or that served in the U.S. Merchant Marine during World War II. Of the 33,329 population of the service area, 2,851 or 8.58% are veterans.

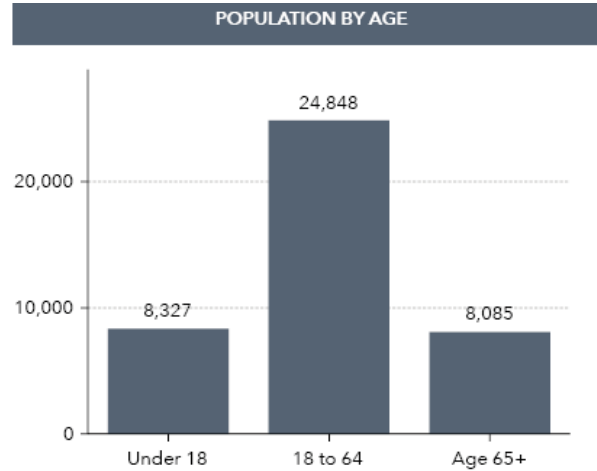
Report Area	Total Population Age 18+	Total Veterans	Veterans, Percent of Total Population
Memorial Hospital - Chester	33,239	2,851	8.58%
Jackson County, IL	46,848	3,242	6.92%
Perry County, IL	17,030	1,372	8.06%
Randolph County, IL	25,790	2,216	8.59%
Cape Girardeau County, MO	61,965	4,675	7.54%
Perry County, MO	14,620	1,299	8.89%
Illinois	9,842,595	553,593	5.62%
Missouri	4,726,263	391,513	8.28%
United States	252,130,477	17,835,456	7.07%

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

## Memorial Hospital Service Area

### AT RISK POPULATION PROFILE

Geography: County



**41,210**

Population

**16,040**

Households

**2.38**

Avg Size Household

**41.7**

Median Age

**\$57,905**

Median Household Income

**\$145,921**

Median Home Value

**65**

Wealth Index

**186**

Housing Affordability

**29**

Diversity Index

#### AT RISK POPULATION



**5,015**

Households With Disability



**8,085**

Population 65+



**1,001**

Households Without Vehicle

#### POVERTY AND LANGUAGE



**11%**

Households Below the Poverty Level



**1,742**

Households Below the Poverty Level



**0**

Pop 65+ Speak Spanish & No English

#### POPULATION AND BUSINESSES



**41,030**

Daytime Population



**1,456**

Total Businesses



**24,620**

Total Employees

Language Spoken (ACS)	Age 5-17	18-64	Age 65+	Total
English Only	6,657	25,211	7,690	39,558
Spanish	224	848	42	1,114
Spanish & English Well	224	766	8	998
Spanish & English Not Well	0	79	34	113
Spanish & No English	0	3	0	3
Indo-European	66	375	163	604
Indo-European & English Well	66	325	153	544
Indo-European & English Not Well	0	50	0	50
Indo-European & No English	0	0	10	10
Asian-Pacific Island	36	124	61	221
Asian-Pacific Isl & English Well	36	124	61	221
Asian-Pacific Isl & English Not Well	0	0	0	0
Asian-Pacific Isl & No English	0	0	0	0
Other Language	7	96	0	103
Other Language & English Well	0	88	0	88
Other Language & English Not Well	7	0	0	7
Other Language & No English	0	8	0	8

## Economic Stability – Income and Economics

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.

### Income – Median Household Income

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

#### Income - Median Household Income

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

Report Area	Total Households	Average Household Income	Median Household Income
Memorial Hospital - Chester	14,948	\$70,673	No data
Jackson County, IL	23,186	\$64,120	\$41,699
Perry County, IL	8,108	\$65,926	\$53,108
Randolph County, IL	11,538	\$71,696	\$58,093
Cape Girardeau County, MO	30,913	\$73,788	\$59,252
Perry County, MO	7,305	\$70,949	\$56,832
Illinois	4,930,255	\$100,719	\$72,563

Median Household Income



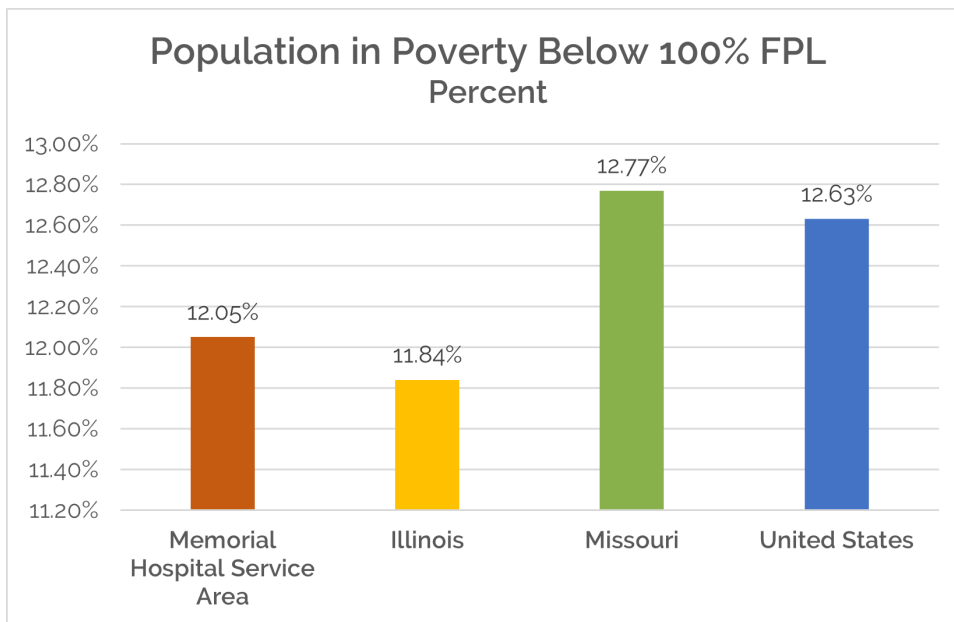
*Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract*

## Poverty – Population Below 100% FPL

Poverty is considered a key driver of health status. Within the service area, 12.05% or 4,385 individuals for whom poverty status is determined are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status. *Note: The total population measurements for poverty are lower, as poverty data collection does not include people in group quarters.*

Report Area	Total Population	Population in Poverty	Population in Poverty, Percent
Memorial Hospital - Chester	36,401	4,385	12.05%
Jackson County, IL	50,045	11,932	23.84%
Perry County, IL	18,496	3,515	19.00%
Randolph County, IL	27,029	3,571	13.21%
Cape Girardeau County, MO	77,741	11,231	14.45%
Perry County, MO	18,673	1,766	9.46%
Illinois	12,529,291	1,483,378	11.84%
Missouri	5,967,909	762,023	12.77%
United States	321,897,703	40,661,636	12.63%

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

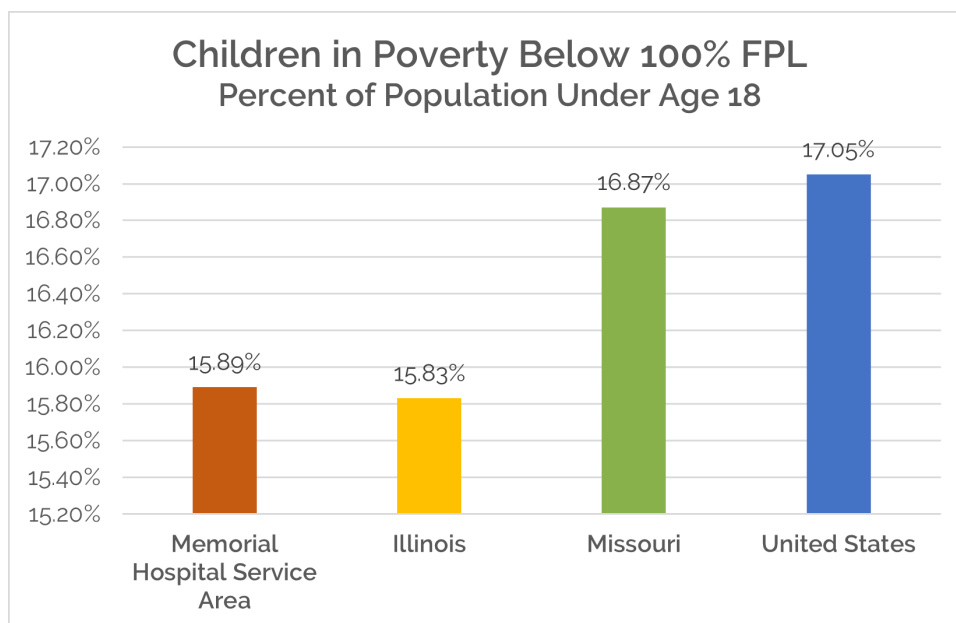


## Poverty – Children Population Below 100% FPL

In the service area, 15.89% or 1,288 children aged 0-17 are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population < Age 18	Population < Age 18 in Poverty	Population < Age 18 in Poverty, Percent
Memorial Hospital - Chester	38,198	8,529	1,157	13.57%
Jackson County, IL	53,728	10,417	2,633	25.28%
Perry County, IL	18,340	3,915	1,040	26.56%
Randolph County, IL	28,251	6,011	1,069	17.78%
Cape Girardeau County, MO	75,522	16,444	3,040	18.49%
Perry County, MO	18,837	4,394	397	9.04%
Illinois	12,418,504	2,813,715	454,654	16.16%
Missouri	5,942,813	1,347,911	233,927	17.35%
United States	318,564,128	72,065,774	12,598,699	17.48%

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



## Unemployment

Total unemployment in the service area for the current month equals 519 or 2.7% 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
Memorial Hospital - Chester	18,910	18,391	519	2.7%
Jackson County, IL	27,418	26,338	1,080	3.9%
Perry County, IL	7,856	7,485	371	4.7%
Randolph County, IL	13,506	13,053	453	3.4%
Cape Girardeau County, MO	40,480	39,634	846	2.1%
Perry County, MO	9,526	9,345	181	1.9%
Illinois	6,416,290	6,133,898	282,392	4.4%
Missouri	3,065,290	2,992,803	72,487	2.4%
United States	165,487,765	159,888,984	5,598,780	3.4%

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



## Children Eligible for Free and Reduced Lunch

This table below shows local, state, and national trends in student free and reduced lunch eligibility by percent. *Note: The states below have more than 80% public schools labeled as "not reported" in 2020-21. For consistency, these states still have their values calculated with the limited records on all geographic levels (unless there is not a single record reported in the selected area). Use with caution when comparing to other years. This issue might occur in other states/years as well. For 2020-21, watch out for Alaska, Arizona, Delaware, District of Columbia, Illinois, Massachusetts, Montana, Ohio, Oregon, Tennessee, Virginia, American Samoa, and Northern Mariana Islands.*

Report Area	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Jackson County, IL	56.5%	63.4%	66.3%	66.1%	55.9%	55.9%	70.7%	66.4%	No data
Perry County, IL	44.7%	48.5%	52.2%	49.1%	51.7%	51.7%	49.2%	49.7%	No data
Randolph County, IL	44.5%	44.9%	49.0%	48.0%	49.0%	49.0%	49.1%	49.6%	No data
Cape Girardeau County, MO	45.3%	50.8%	50.3%	49.4%	47.9%	47.9%	63.3%	63.2%	62.3%
Perry County, MO	49.7%	53.5%	52.3%	53.0%	53.9%	53.9%	51.0%	49.2%	51.1%
Illinois	50.6%	51.5%	54.2%	49.9%	50.2%	50.2%	48.9%	48.7%	No data
Missouri	46.8%	49.8%	51.4%	50.2%	50.5%	50.5%	50.2%	50.0%	49.0%
United States	51.8%	52.4%	52.3%	52.7%	52.1%	52.1%	52.4%	52.1%	53.2%

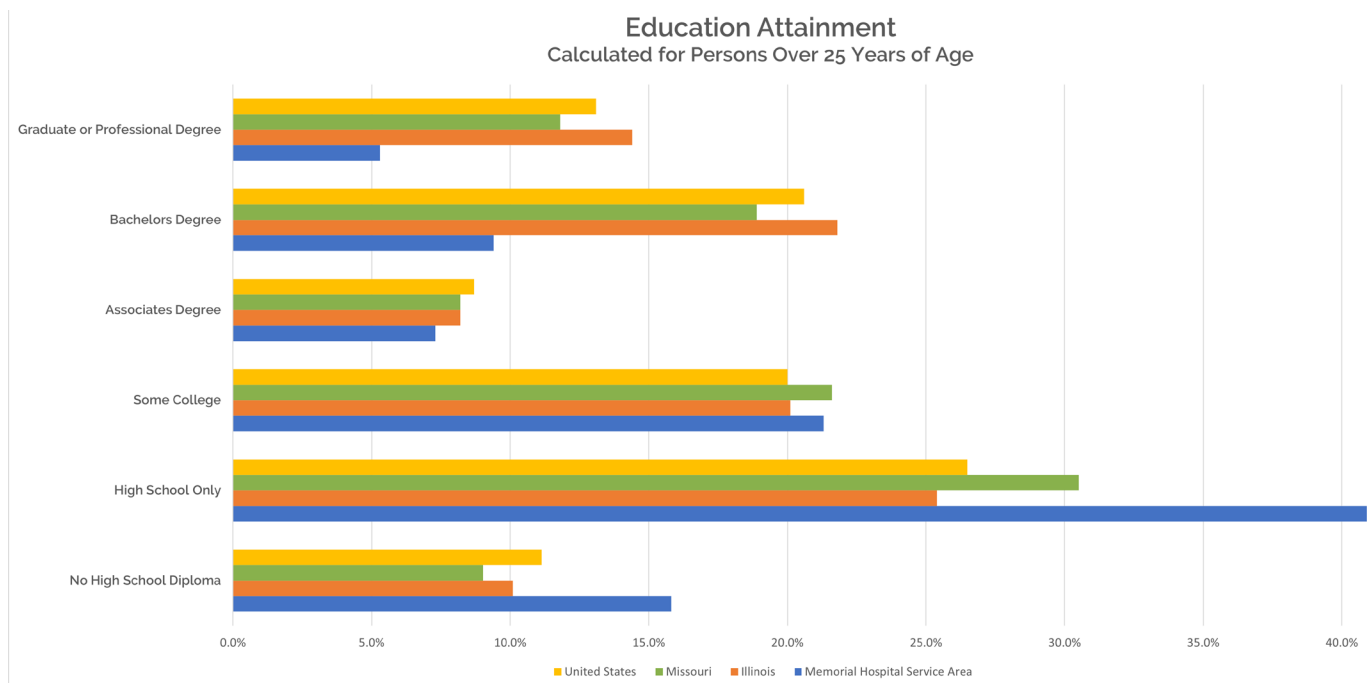
## Educational Outcomes

This category contains indicators that describe the education system and the educational outcomes of service area populations. Education metrics can be used to describe variation in population access, proficiency, and attainment throughout the education system, from access to pre-kindergarten through advanced degree attainment. These indicators are important because education is closely tied to health outcomes and economic opportunity.

## Education Attainment

This category contains indicators that describe the education system and the educational outcomes of the service area populations. Education metrics can be used to describe variation in population access, proficiency, and attainment throughout the education system, from access to pre-kindergarten through advanced degree attainment. Educational attainment is calculated for persons over 25 and is an estimated average for the period from 2016 to 2020. For the service area, 9.7% have at least a college bachelor's degree, while 41.0% stopped their formal educational attainment after high school.

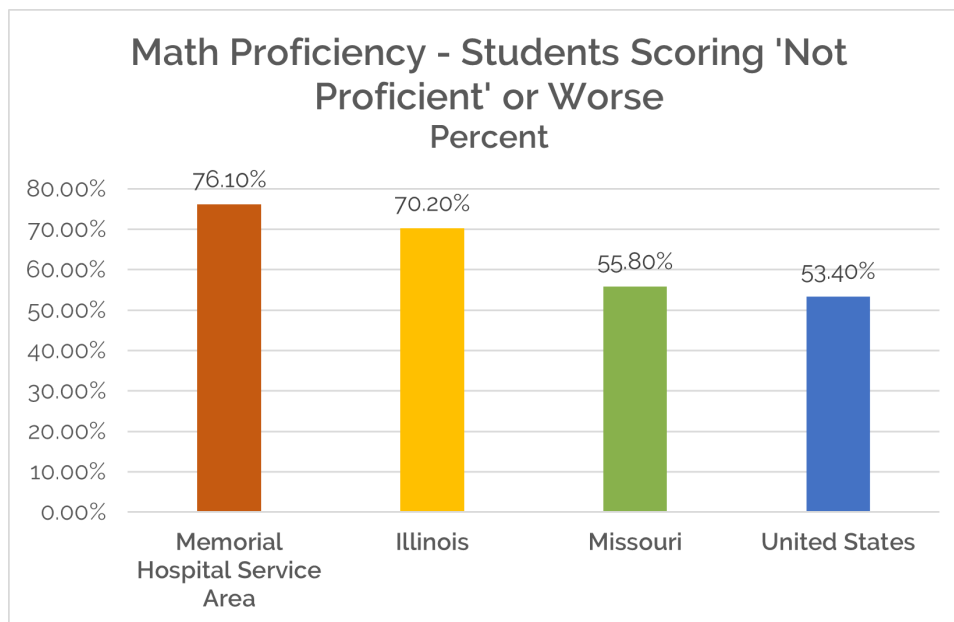
Report Area	No High School Diploma	High School Only	Some College	Associates Degree	Bachelors Degree	Graduate or Professional Degree
Memorial Hospital - Chester	15.4%	41.0%	21.0%	7.7%	9.7%	5.2%
Jackson County, IL	7.36%	24.3%	23.9%	8.8%	16.3%	19.3%
Perry County, IL	16.75%	36.9%	23.1%	11.7%	8.4%	3.2%
Randolph County, IL	15.20%	38.7%	24.9%	8.3%	7.8%	5.1%
Cape Girardeau County, MO	8.41%	31.5%	22.6%	5.6%	19.4%	12.5%
Perry County, MO	13.38%	41.9%	17.6%	8.0%	13.5%	5.7%
Illinois	10.34%	25.6%	20.4%	8.1%	21.6%	13.9%
Missouri	9.41%	30.6%	22.0%	8.1%	18.4%	11.5%
United States	11.47%	26.7%	20.3%	8.6%	20.2%	12.7%



## Student Math Proficiency (4th Grade)

Information about student performance in the 4th grade math portion of the state-specific standardized tests are displayed in the table below. Of 420 students tested, 23.9% of 4th graders performed at or above the "proficient" level, and 76.1% tested below the "proficient" level, according to the latest data. Students in the report area tested worse than the statewide rate of 29.8%.

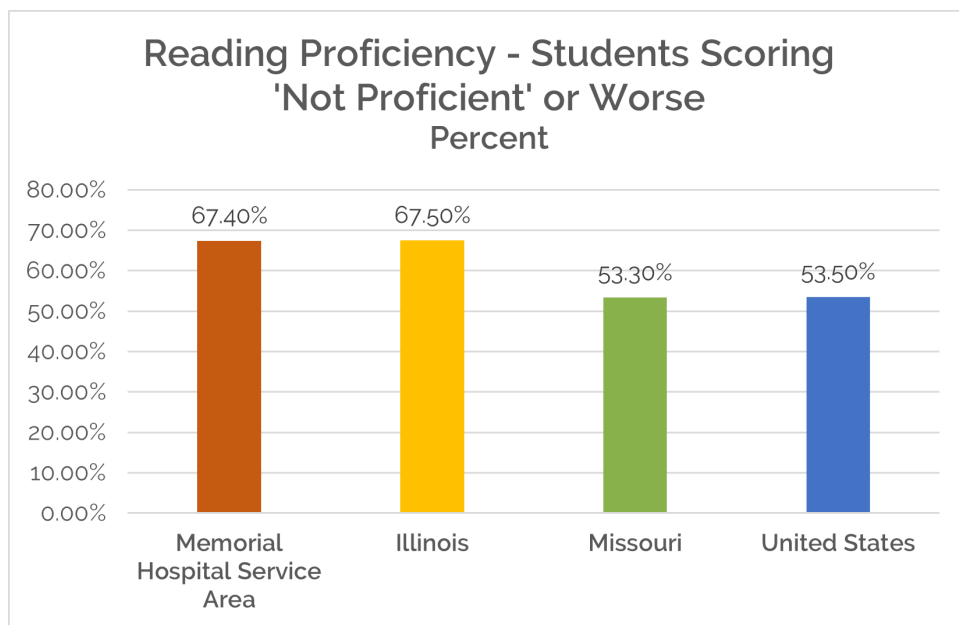
Report Area	Students with Valid Test Scores	Students Scoring 'Proficient' or Better, Percent	Students Scoring 'Not Proficient' or Worse, Percent
Memorial Hospital - Chester	420	23.9%	76.1%
Jackson County, IL	1,996	25.3%	74.7%
Perry County, IL	736	36.3%	63.7%
Randolph County, IL	1,032	22.1%	77.9%
Cape Girardeau County, MO	3,029	37.5%	62.5%
Perry County, MO	668	34.6%	65.4%
Illinois	537,672	29.8%	70.2%
Missouri	247,810	44.2%	55.8%
United States	13,412,890	46.6%	53.4%



## Student Reading Proficiency (4th Grade)

Information about student performance in the 4th grade English language arts portion of the state-specific standardized tests are displayed in the table below. Of 1,407 students tested, 32.8% of 4th graders performed at or above the "proficient" level, and 67.4% tested below the "proficient" level, according to the latest data. Students in the report area tested worse than the statewide rate of 32.5%.

Report Area	Students with Valid Test Scores	Students Scoring 'Proficient' or Better, Percent	Students Scoring 'Not Proficient' or Worse, Percent
Memorial Hospital - Chester	1,407	32.8%	<b>67.4%</b>
Jackson County, IL	1,996	31.1%	68.9%
Perry County, IL	731	33.9%	66.1%
Randolph County, IL	1,032	29.7%	70.3%
Cape Girardeau County, MO	3,025	46.7%	53.3%
Perry County, MO	668	37.7%	62.3%
Illinois	538,376	32.5%	67.5%
Missouri	247,335	46.7%	53.3%
United States	13,385,663	46.5%	53.5%

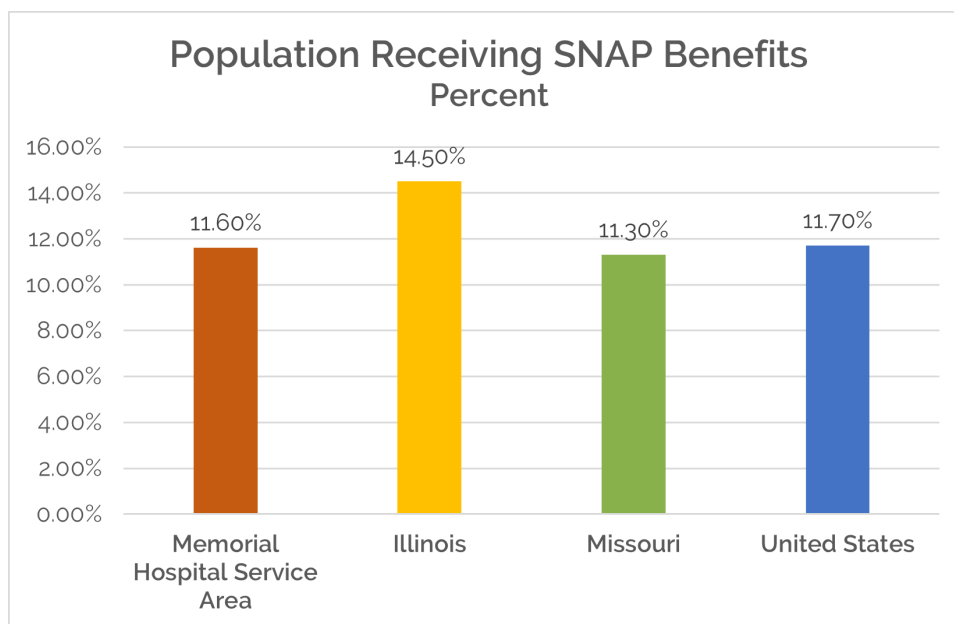


## SNAP Benefits

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

Report Area	Total Population	Population Receiving SNAP Benefits	Population Receiving SNAP Benefits, Percent
Memorial Hospital - Chester	41,572.00	4,807	<b>11.6%</b>
Jackson County, IL	56,750	11,462	20.2%
Perry County, IL	20,916	3,217	15.4%
Randolph County, IL	31,782	4,227	13.3%
Cape Girardeau County, MO	78,871	8,872	11.3%
Perry County, MO	19,136	1,628	8.5%
Illinois	12,671,821	1,832,120	14.5%
Missouri	6,137,428	693,675	11.3%
United States	328,239,523	38,537,386	11.7%

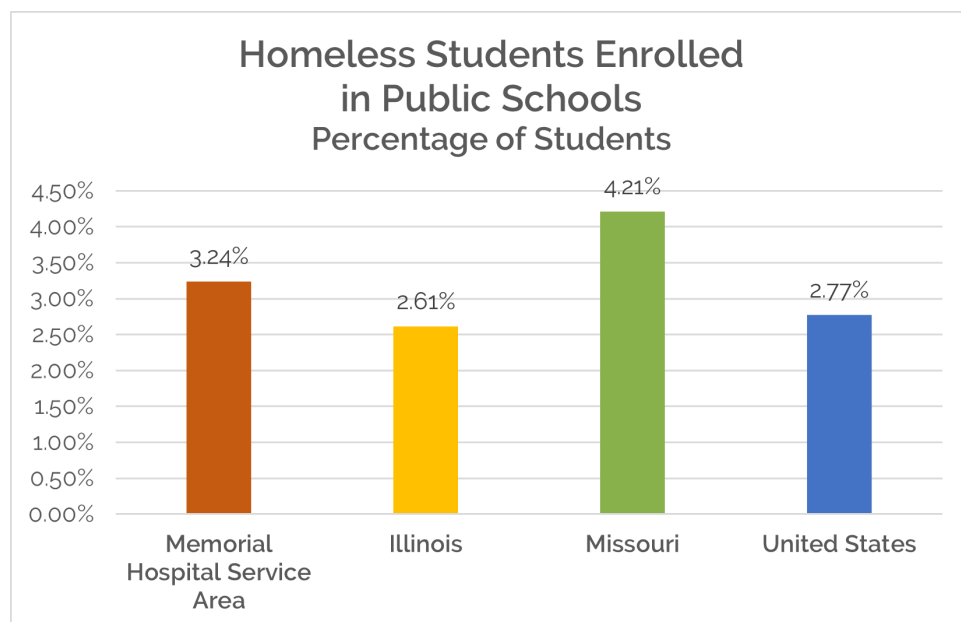
*Note: This indicator is compared to the lowest state average.  
Data Source: US Census Bureau, Small Area Income and Poverty Estimates, 2019. Source geography: County*



## Homeless Students Enrolled in Public Schools

This indicator reports the number of homeless children and youth enrolled in the public school system during the school year 2019-2020. According to the data source definitions, homelessness is defined as lacking a fixed, regular, and adequate night-time residence. Those who are homeless may be sharing the housing of other persons, living in motels, hotels, or camping grounds, in emergency transitional shelters, or may be unsheltered. In the service area, of all the 5,120 students enrolled during school year 2019-2020, there were 165 or 3.24% homeless students, which is higher than the statewide rate of 2.61%.

Report Area	Students in Reported Districts	Homeless Students	Homeless Students, Percent	Districts Reporting	Students in Reported Districts
Memorial Hospital - Chester	5,120	165	3.24%	100.00%	100.00%
Jackson County, IL	5,528	254	4.60%	100.00%	100.00%
Perry County, IL	2,487	64	2.60%	85.70%	95.80%
Randolph County, IL	4,010	182	4.50%	100.00%	100.00%
Cape Girardeau County, MO	10,019	295	2.90%	100.00%	100.00%
Perry County, MO	2,214	77	3.50%	100.00%	100.00%
Illinois	1,855,033	48,332	2.61%	88.90%	97.51%
Missouri	827,273	34,861	4.21%	86.31%	95.65%
United States	47,386,316	1,311,089	2.77%	86.95%	97.47%



## Housing and Families

This category contains indicators that describe the structure of housing and families, and the condition and quality of housing units and residential neighborhoods. These indicators are important because housing issues like overcrowding and affordability have been linked to multiple health outcomes, including infectious disease, injuries, and mental disorders. Furthermore, housing metrics like home-ownership rates and housing prices are key for economic analysis.

### Affordable Housing

This indicator reports the number and percentage of housing units affordable at various income levels. Affordability is defined by assuming that housing costs should not exceed 30% of the total household income. Income levels are expressed as a percentage of each county's area median household income (AMI).

Report Area	Units Affordable at 15% AMI	Units Affordable at 30% AMI	Units Affordable at 40% AMI	Units Affordable at 50% AMI	Units Affordable at 60% AMI	Units Affordable at 80% AMI	Units Affordable at 100% AMI	Units Affordable at 125% AMI
Jackson County, IL	4.06%	9.17%	14.60%	25.53%	35.44%	53.55%	67.45%	78.32%
Perry County, IL	6.93%	24.78%	38.44%	52.35%	62.15%	72.30%	80.77%	87.30%
Randolph County, IL	5.19%	17.76%	29.89%	44.08%	54.59%	70.25%	82.08%	87.52%
Cape Girardeau County, MO	4.09%	7.83%	12.81%	21.30%	33.17%	52.93%	68.86%	79.61%
Perry County, MO	3.12%	8.54%	18.16%	29.72%	41.16%	59.95%	74.15%	82.19%
Illinois	3.20%	9.07%	16.73%	27.10%	37.62%	55.59%	68.26%	79.30%
Missouri	3.46%	9.47%	16.96%	27.42%	38.88%	58.12%	70.55%	79.74%
United States	3.15%	7.78%	12.96%	20.62%	29.46%	46.88%	60.68%	72.77%

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

## Other Social & Economic Factors

Economic and social insecurity often are associated with poor health. Poverty, unemployment, and a 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.

## Food Insecurity Rate

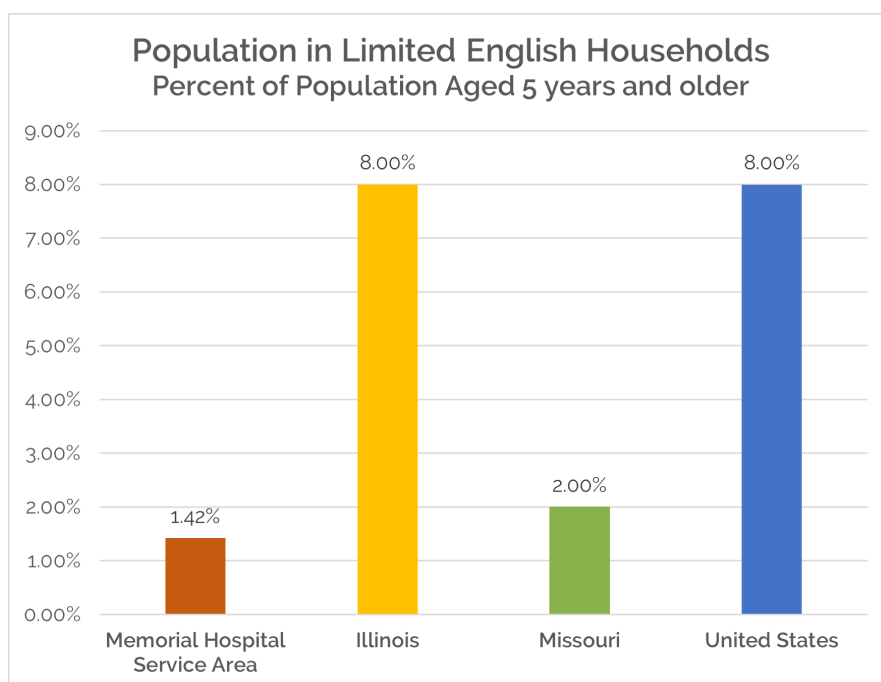
This indicator reports the estimated percentage of the population that experienced food insecurity at some point during the report year. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food.

Report Area	Total Population	Food Insecure Population, Total	Food Insecurity Rate
Memorial Hospital - Chester	41,756	4,616	11.06%
Jackson County, IL	57,465	8,160	14.20%
Perry County, IL	21,049	3,010	14.30%
Randolph County, IL	31,852	3,440	10.80%
Cape Girardeau County, MO	79,091	9,570	12.10%
Perry County, MO	19,266	2,100	10.90%
Illinois	12,675,181	1,052,040	8.30%
Missouri	6,103,772	695,830	11.40%
United States	326,616,501	33,365,240	10.22%

## Population in Limited English Household

This indicator reports the percentage of the population aged 5 years and older living in limited English-speaking households. A limited English-speaking household is one in which no household member 14 years old and over speaks only English at home, or no household member speaks a language other than English at home and speaks English “very well.” Of the 40,048 total population aged 5 and older in the service area, 570 individuals, or 1.42% live in limited English households.

Report Area	Population Age 5+	Population Age 5+ with Limited English Proficiency	Population Age 5+ with Limited English Proficiency, Percent
Memorial Hospital - Chester	40,048	570	1.42%
Jackson County, IL	54,416	1,431	3.00%
Perry County, IL	20,019	243	1.00%
Randolph County, IL	30,371	390	1.00%
Cape Girardeau County, MO	74,336	869	1.00%
Perry County, MO	18,095	178	1.00%
Illinois	11,960,646	1,010,416	8.00%
Missouri	5,753,114	125,479	2.00%
United States	306,919,116	25,312,024	8.00%



## Health Professional Shortage Area (HPSA)

This indicator reports the number and location of healthcare 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. Within the service area, there are a total of 10 Health Professional Shortage Areas (HPSAs).

Report Area	Primary Care Facilities	Mental Health Care Facilities	Dental Health Care Facilities	Total HPSA Facility Designations
Memorial Hospital - Chester	3	4	3	10
Jackson County, IL	2	2	2	6
Perry County, IL	2	2	2	6
Randolph County, IL	3	4	3	10
Cape Girardeau County, MO	1	1	1	3
Perry County, MO	0	0	0	0
Illinois	132	133	132	397
Missouri	218	224	219	661
United States	4,159	4,218	4,066	12,443

*Data Source: US Department of Health & Human Services, Health Resources and Services Administration, HPSA - Health Professional Shortage Areas Database, May 2021. Source geography: Address*



## HEALTH AND WELLNESS INDICATORS

### Clinical Care and Prevention

A lack of access to care presents barriers to good health. Supply of facilities and physicians, the rate of uninsurance, financial hardship, transportation barriers, cultural competency, and coverage limitations affect access. Rates of morbidity, mortality, and emergency hospitalizations can be reduced if community residents access services such as health screenings, routine tests, and vaccinations. Prevention indicators can call attention to a lack of access or knowledge regarding one or more health issues and can inform program interventions.

### Access to Care – Primary Care

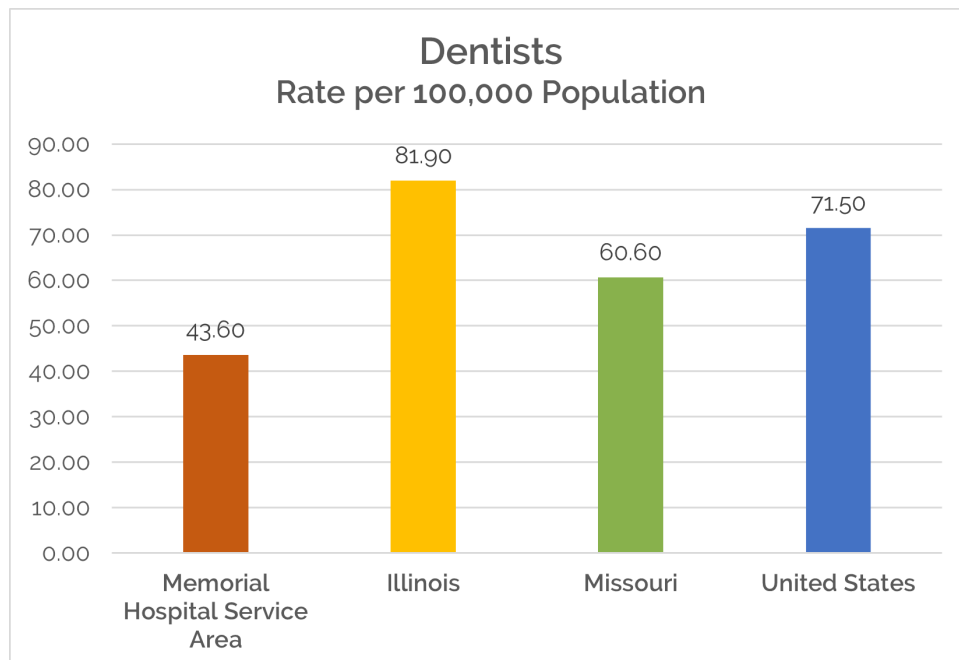
This indicator reports the number of primary care physicians per 100,000 population. Doctors classified as “primary care physicians” by the AMA include: General Family Medicine MDs and DOs, General Practice MDs and DOs, General Internal Medicine MDs and General Pediatrics MDs. Physicians age 75 and over 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 and is used in the 2022 County Health Rankings. Within the service area, there are 20 primary care physicians. This represents 49.65 providers per 100,000 total population.

Report Area	Total Population	Primary Care Physicians	Primary Care Physicians, Rate per 100,000 Population
Memorial Hospital - Chester	41,571	20	49.65
Jackson County, IL	56,750	80	140.97
Perry County, IL	20,916	10	47.81
Randolph County, IL	31,782	15	47.20
Cape Girardeau County, MO	78,871	70	88.75
Perry County, MO	19,136	9	47.03
Illinois	12,671,821	10,295	81.24
Missouri	6,137,428	4,369	71.19
United States	328,239,523	251,126	76.51

## Access to Care – Dental Health

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. Data from the 2020 Area Health Resources File (AHRF) are used in the 2022 County Health Rankings. Within the service area, there are 18 dentists. This represents 43.6 dentists per 100,000 total population. *Note: Data are suppressed for counties with population greater than 4,000 and 0 dentists.*

Report Area	Estimated Population	Number of Dentists	Ratio of Dental Providers to Population (1 Provider per x Persons)	Dentists, Rate (Per 100,000 Population)
Memorial Hospital - Chester	41,311	18	2,295.1	43.6
Jackson County, IL	56,675	46	1,232.1	81.2
Perry County, IL	20,664	8	2,583	38.7
Randolph County, IL	31,351	12	2,612.6	38.3
Cape Girardeau County, MO	79,512	60	1,325.2	75.5
Perry County, MO	19,194	9	2,132.7	46.9
Illinois	12,587,529	10,307	1,221.3	81.9
Missouri	6,151,548	3,728	1,650.1	60.6
United States	329,484,121	235,535	1,398.9	71.5



## Access to Care – Mental Health

This indicator reports the number of mental health providers in the service area as a rate per 100,000 total area population. Mental health providers are defined psychiatrists, psychologists, licensed clinical social workers, counselors, marriage and family therapists, and mental health providers that treat alcohol and other drug abuse, as well as advanced practice nurses specializing in mental healthcare. Data from the 2021 Centers for Medicare and Medicaid Services (CMS) National Provider Identifier (NPI) downloadable file are used in the 2022 County Health Rankings. Within the service area, there are 45 mental health providers with a CMS National Provider Identifier (NPI). This represents 108.9 providers per 100,000 total population.

*Note: Data are suppressed for counties with population greater than 1,000 and 0 mental health providers.*

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)
Memorial Hospital - Chester	41,311	45	918	108.9
Jackson County, IL	56,675	186	304.7	328.2
Perry County, IL	20,664	41	504	198.4
Randolph County, IL	31,351	35	895.7	111.6
Cape Girardeau County, MO	79,512	234	339.8	294.3
Perry County, MO	19,194	15	1,279.6	78.1
Illinois	12,587,530	33,822	372.2	268.7
Missouri	6,151,548	13,468	456.8	218.9
United States	329,484,124	928,839	354.7	281.9

*Note: This indicator is compared to the state average. Data Source: U.S. Centers for Medicare & Medicaid Services, CMS - National Plan and Provider Enumeration System (NPPES), Accessed via County Health Rankings, 2021. Source geography: County*

## Access to Care – Nurse Practitioners

This indicator reports the number of nurses with a CMS National Provider Identifier (NPI). Nurses counted for this indicator include all advanced practice Registered Nurses (APRNs) and Nurse Practitioners, regardless of sub-specialty. Data are from the latest Centers for Medicare and Medicaid Services (CMS) National Provider Identifier (NPI) downloadable file. Within the service area, there are 11 nurses with a CMS National Provider Identifier. This represents 27.32 providers per 100,000 total population.

Report Area	Total Population (2020)	Number of Facilities	Number of Providers	Providers, Rate per 100,000 Population
Memorial Hospital - Chester	40,260	0	11	<b>27.32</b>
Jackson County, IL	52,974	0	105	198.21
Perry County, IL	20,945	0	12	57.29
Randolph County, IL	30,163	0	11	36.47
Cape Girardeau County, MO	81,710	3	101	123.61
Perry County, MO	18,956	0	4	21.10

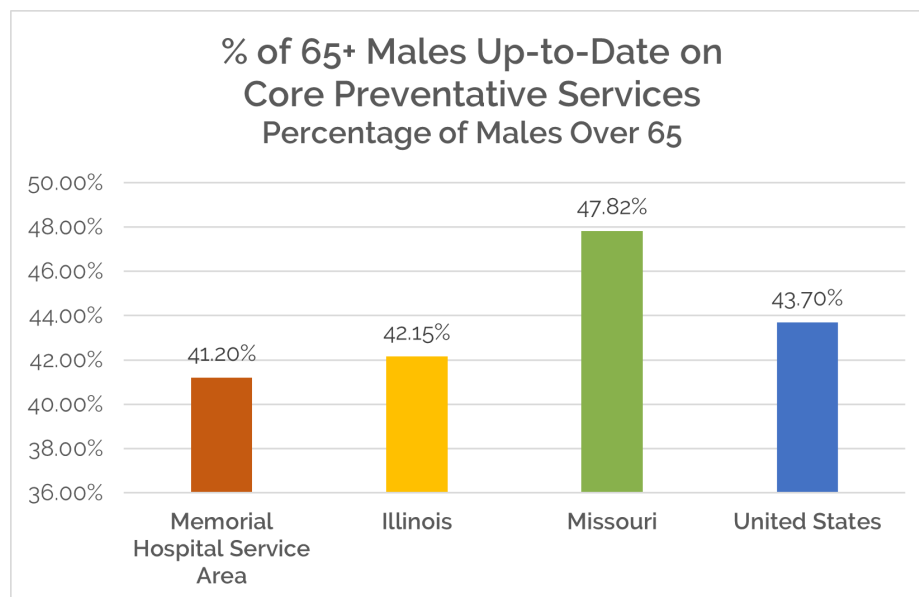
*Note: This indicator is compared to the state average. Data Source: Centers for Medicare and Medicaid Services, CMS - National Plan and Provider Enumeration System (NPPES), October 2022. Source geography: Address*



## Core Preventative Services – Males

This indicator reports the percentage of males age 65 years and older who report they are up-to-date on a core set of clinical preventative services. Services include: an influenza vaccination in the past year; a pneumococcal vaccination (PPV) ever; and either a fecal occult blood test (FOBT) within the past year, a sigmoidoscopy within the past 5 years and a FOBT within the past 3 years, or a colonoscopy within the past 10 years. Within the service area, there are 41.20% men age 65 and older who had core preventative services in the last one to 10 years of the total male population age 65+.

Report Area	Total Population (2020)	Males Age 65+ Up to Date on Core Preventative Services (Crude)	Males Age 65+ Up to Date on Core Preventative Services (Age-Adjusted)
Memorial Hospital - Chester	43,145	41.20%	No data
Jackson County, IL	56,675	42.30%	42.80%
Perry County, IL	20,664	42.10%	42.60%
Randolph County, IL	31,351	37.20%	37.80%
Cape Girardeau County, MO	79,512	45.80%	46.30%
Perry County, MO	19,194	45.90%	46.40%
Illinois	12,587,530	42.15%	42.70%
Missouri	6,151,548	47.82%	48.30%
United States	331,449,281	43.70%	44.00%



## Core Preventative Services – Females

This indicator reports the percentage of females age 65 years and older who report they are up-to-date on a core set of clinical preventative services. Services include: an influenza vaccination in the past year; a pneumococcal vaccination (PPV) ever; either a fecal occult blood test (FOBT) within the past year, a sigmoidoscopy within the past five years and a FOBT within the past three years, or a colonoscopy within the previous 10 years; and a mammogram in the past two years. Within the service area, there are 37.20% women age 65 and older who had core preventative services in the last one to 10 years of the total female population age 65+.

Report Area	Total Population (2020)	Females Age 65+ Up to Date on Core Preventative Services (Crude)	Females Age 65+ Up to Date on Core Preventative Services (Age-Adjusted)
Memorial Hospital - Chester	43,145	37.20%	No data
Jackson County, IL	56,675	36.70%	37.20%
Perry County, IL	20,664	36.20%	36.40%
Randolph County, IL	31,351	35.90%	36.80%
Cape Girardeau County, MO	79,512	41.90%	42.50%
Perry County, MO	19,194	40.10%	41.00%
Illinois	12,587,530	38.18%	38.49%
Missouri	6,151,548	40.40%	40.59%
United States	331,449,281	37.90%	37.40%

*Note: This indicator is compared to the highest state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal, 2020. Source geography: Tract*

## CHRONIC ILLNESS

### 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.

### Chronic Conditions – COPD

This indicator reports the percentage of adults age 18 and older who report ever having been told by a doctor, nurse, or other health professional that they had chronic obstructive pulmonary disease (COPD), emphysema, or chronic bronchitis. Within the service area, there were 8.40% of adults age 18 and older who reported having chronic obstructive pulmonary disease of the total population age 18 and older.

Report Area	Total Population (2020)	Adults Age 18+ Ever Diagnosed with COPD(Crude)	Adults Age 18+ with COPD (Age-Adjusted)
Memorial Hospital - Chester	43,145	8.40%	No data
Jackson County, IL	56,675	7.20%	7.10%
Perry County, IL	20,664	9.20%	7.90%
Randolph County, IL	31,351	9.10%	7.70%
Cape Girardeau County, MO	79,512	8.10%	7.40%
Perry County, MO	19,194	9.40%	7.90%
Illinois	12,587,530	6.17%	5.48%
Missouri	6,151,548	8.21%	7.16%
United States	331,449,281	6.40%	5.60%

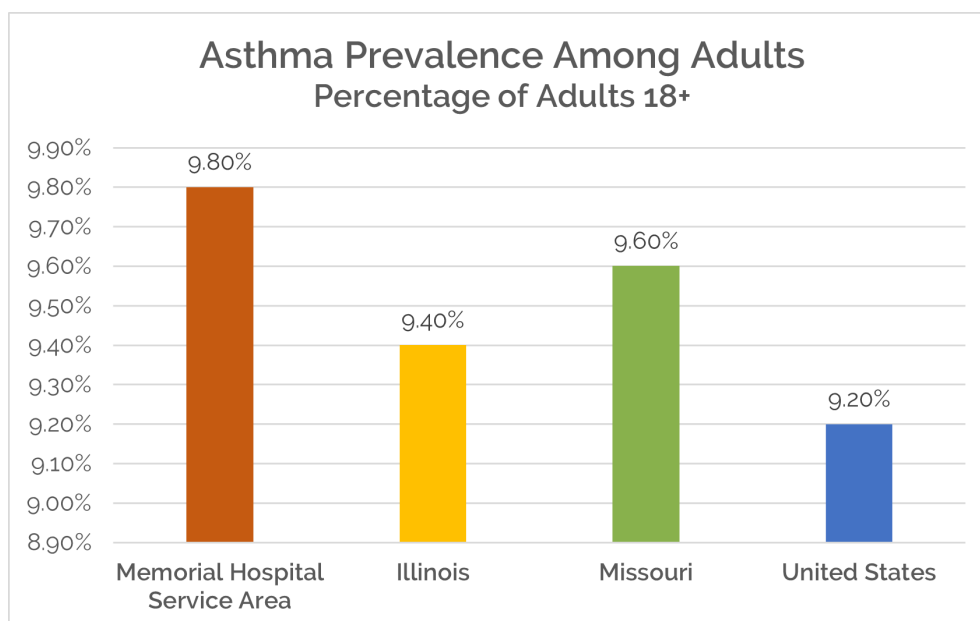
*Note: This indicator is compared to the state average. Data Source: Centers for Medicare & Medicaid Services - Chronic Conditions, 2018. Source geography: County*

## Chronic Conditions – Asthma Prevalence (Adult)

This indicator reports the percentage of adults age 18 and older who answer “yes” to both of the following questions: “Have you ever been told by a doctor, nurse, or other health professional that you have asthma?” and the question “Do you still have asthma?” Within the report area, there were 9.80% of adults 18 and older who reported having asthma of the total population.

Report Area	Total Population (2020)	Adults Age 18+ with Asthma (Crude)	Adults Age 18+ with Asthma (Age-Adjusted)
Memorial Hospital - Chester	43,145	9.80%	No data
Jackson County, IL	56,675	10.50%	10.50%
Perry County, IL	20,664	10.00%	10.10%
Randolph County, IL	31,351	9.90%	10.00%
Cape Girardeau County, MO	79,512	9.80%	9.80%
Perry County, MO	19,194	9.60%	9.70%
Illinois	12,587,530	9.4%	9.5%
Missouri	6,151,548	9.6%	9.7%
United States	331,449,281	9.2%	9.2%

*Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, Accessed via the PLACES Data Portal 2019.*

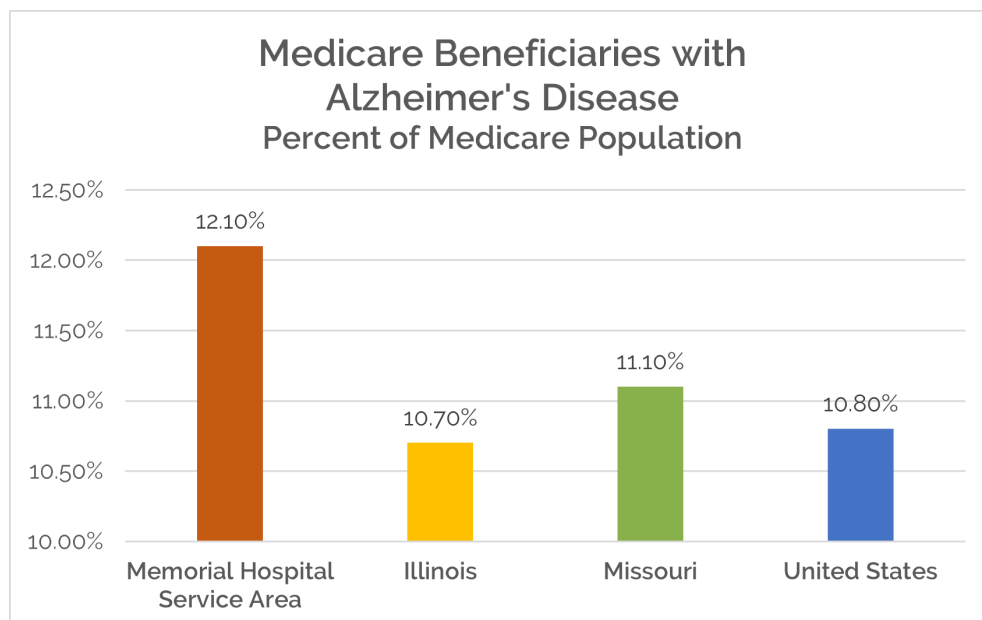


## Chronic Conditions – Alzheimer's Disease

This indicator reports the number and percentage of Medicare Fee-for-Service population with Alzheimer's Disease. Data are based upon Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the Fee-for-Service program. Within the service area, there were 820 beneficiaries with Alzheimer's Disease based on administrative claims data in the latest report year. This represents 12.1% of the total Medicare Fee-for-Service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Alzheimer's Disease	Beneficiaries with Alzheimer's Disease, Percent
Memorial Hospital - Chester	6,789	820	12.1%
Jackson County, IL	6,979	630	9.0%
Perry County, IL	3,273	381	11.6%
Randolph County, IL	4,898	559	11.4%
Cape Girardeau County, MO	13,244	1,386	10.5%
Perry County, MO	3,404	443	13.0%
Illinois	1,443,297	153,730	10.7%
Missouri	718,508	79,788	11.1%
United States	33,499,472	3,610,640	10.8%

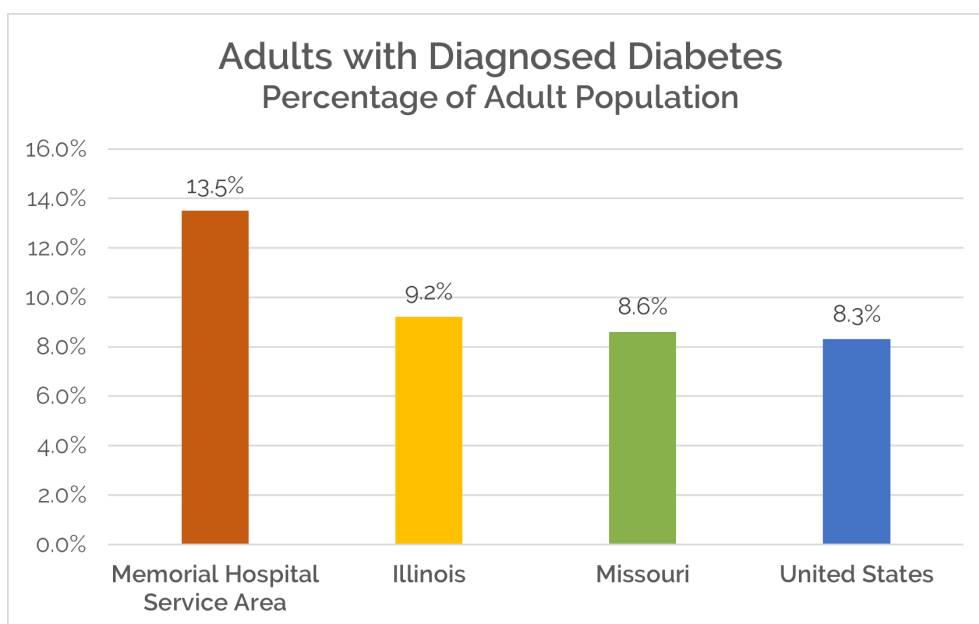
*Note: This indicator is compared to the state average. Data Source: Centers for Medicare & Medicaid Services - Chronic Conditions, 2018. Source geography: County*



## Chronic Conditions – Diabetes (Adult)

This indicator reports the number and percentage of adults age 20 and older who have ever been told by a doctor that they have diabetes. This indicator is relevant because diabetes is a prevalent problem in the U.S. It may indicate an unhealthy lifestyle and puts individuals at risk for further health issues. Within the service area, 382 adults age 20 and older have diabetes. This represents 13.5% of the total survey population. *Note: In 2021, the CDC updated the methodology used to produce estimates for this indicator. Estimated values for prior years (2004-2017) have been updated in this platform to allow comparison across years. Use caution when comparing with saved assessments generated prior to November 10, 2021.*

Report Area	Population Age 20+	Adults Age 20+ Newly Diagnosed with Diabetes	Adults Age 20+ Newly Diagnosed with Diabetes, Age-Adjusted Rate per 1,000
Memorial Hospital - Chester	27,381.00	382	13.5
Jackson County, IL	39,381	445	12
Perry County, IL	14,040	212	14.7
Randolph County, IL	21,183	358	16.9
Cape Girardeau County, MO	51,579	490	9.3
Perry County, MO	12,353	126	9.4
Illinois	8,654,601	82,561	9.2
Missouri	4,070,924	36,597	8.6
United States	218,951,562	1,889,369	8.3

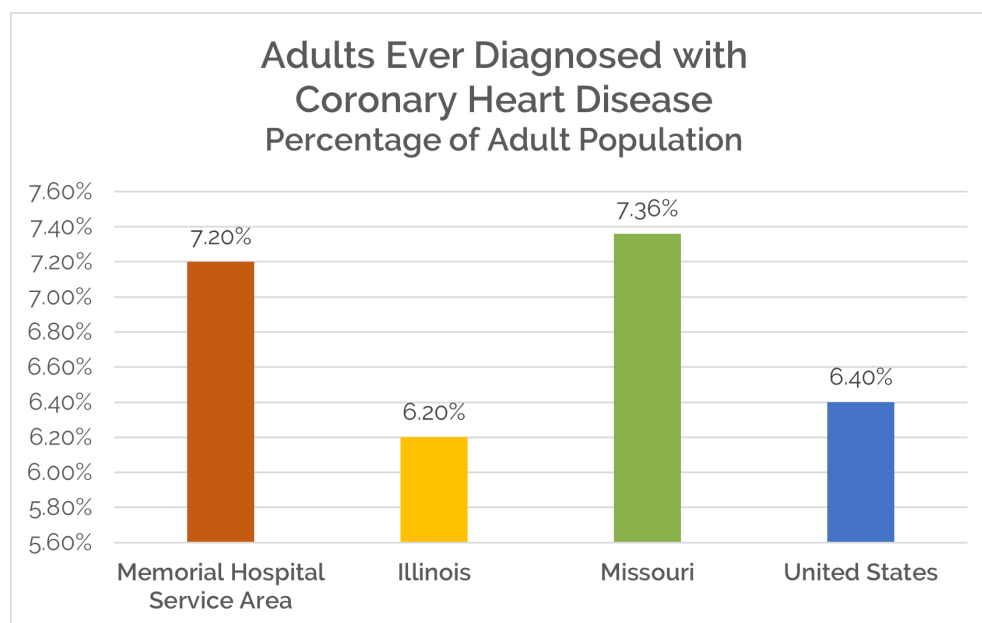


## Chronic Conditions – Coronary Heart Disease (Adult)

This indicator reports the percentage of adults age 18 and older who report ever having been told by a doctor, nurse, or other health professional that they had angina or coronary heart disease. Within the service area, there were 7.20% of adults 18 and older who reported having coronary heart disease of the total population age 18 and older.

Report Area	Total Population (2020)	Adults Age 18+ Ever Diagnosed with CHD (Crude)	Adults Age 18+ Ever Diagnosed with CHD (Age-Adjusted)
Memorial Hospital - Chester	43,145	7.20%	No data
Jackson County, IL	56,675	6.60%	6.30%
Perry County, IL	20,664	8.20%	6.70%
Randolph County, IL	31,351	8.20%	6.50%
Cape Girardeau County, MO	79,512	7.20%	6.30%
Perry County, MO	19,194	8.20%	6.30%
Illinois	12,587,530	6.20%	5.33%
Missouri	6,151,548	7.36%	6.11%
United States	331,449,281	6.40%	5.50%

*Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, Accessed via the PLACES Data Portal, 2019. Source geography: Tract*

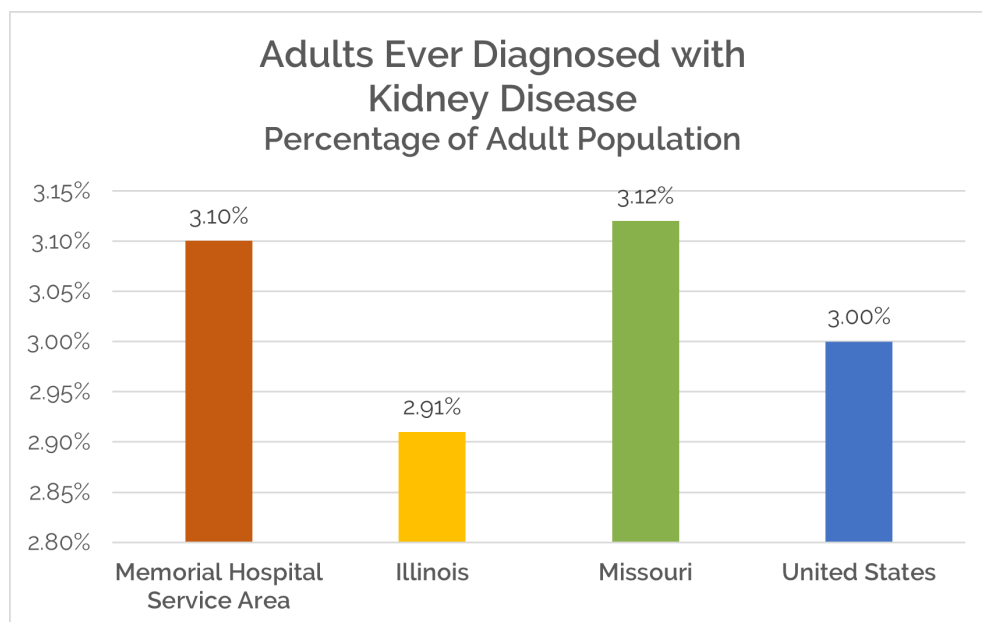


## Chronic Conditions – Kidney Disease (Adult)

This indicator reports the percentage of adults age 18 and older who report ever having been told by a doctor, nurse, or other health professional that they have kidney disease. Within the report area, there were 3.10% of adults 18 and older with kidney disease of the total population.

Report Area	Total Population (2020)	Adults Age 18+ Ever Diagnosed with Kidney Disease (Crude)	Adults Age 18+ with Kidney Disease (Age-Adjusted)
Memorial Hospital - Chester	43,145	3.10%	No data
Jackson County, IL	56,675	3.10%	3.00%
Perry County, IL	20,664	3.40%	2.90%
Randolph County, IL	31,351	3.50%	2.90%
Cape Girardeau County, MO	79,512	3.00%	2.70%
Perry County, MO	19,194	3.30%	2.70%
Illinois	12,587,530	2.91%	2.61%
Missouri	6,151,548	3.12%	2.71%
United States	331,449,281	3.00%	2.70%

*Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal, 2019. Source geography: Tract*

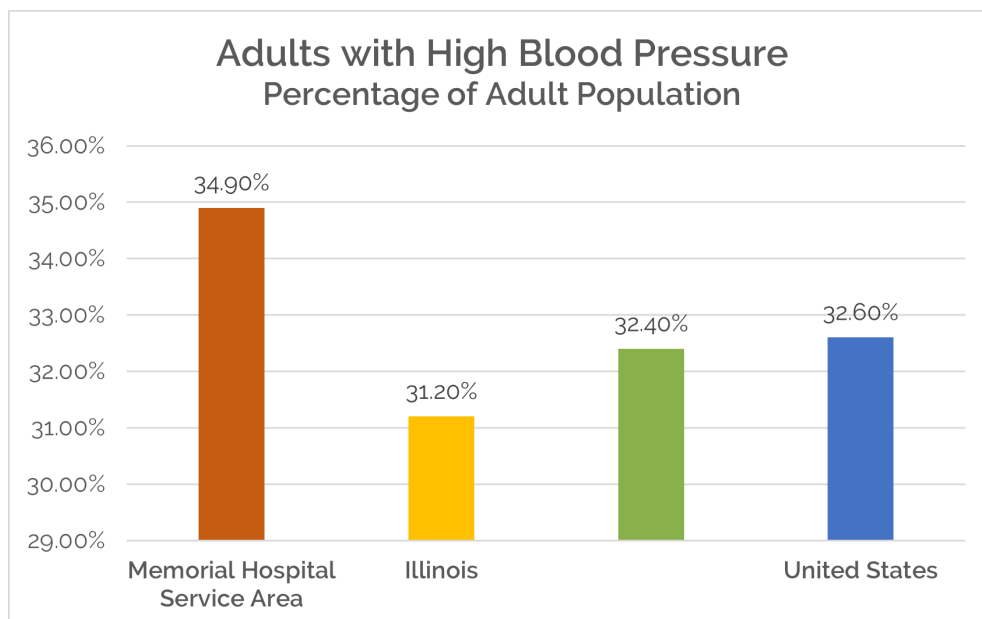


## Chronic Conditions – High Blood Pressure (Adult)

This indicator reports the percentage of adults age 18 and older who report ever having been told by a doctor, nurse, or other health professional that they have high blood pressure. Women who were told they had high blood pressure only during pregnancy and those who were told they had borderline hypertension were not included. Within the service area, there were 34.90% of adults 18 and older who reported having high blood pressure of the total population.

Report Area	Total Population (2019)	Adults Age 18+ with HTN (Crude)	Adults Age 18+ with HTN (Age-Adjusted)
Memorial Hospital - Chester	43,145	34.90%	No data
Jackson County, IL	56,750	32.60%	34.10%
Perry County, IL	20,916	36.10%	32.90%
Randolph County, IL	31,782	37.70%	33.80%
Cape Girardeau County, MO	78,871	31.30%	29.70%
Perry County, MO	19,136	34.40%	29.50%
Illinois	12,671,821	31.2%	29.4%
Missouri	6,137,428	32.4%	29.5%
United States	328,239,523	32.6%	29.6%

*Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal, 2019. Source geography: Tract*

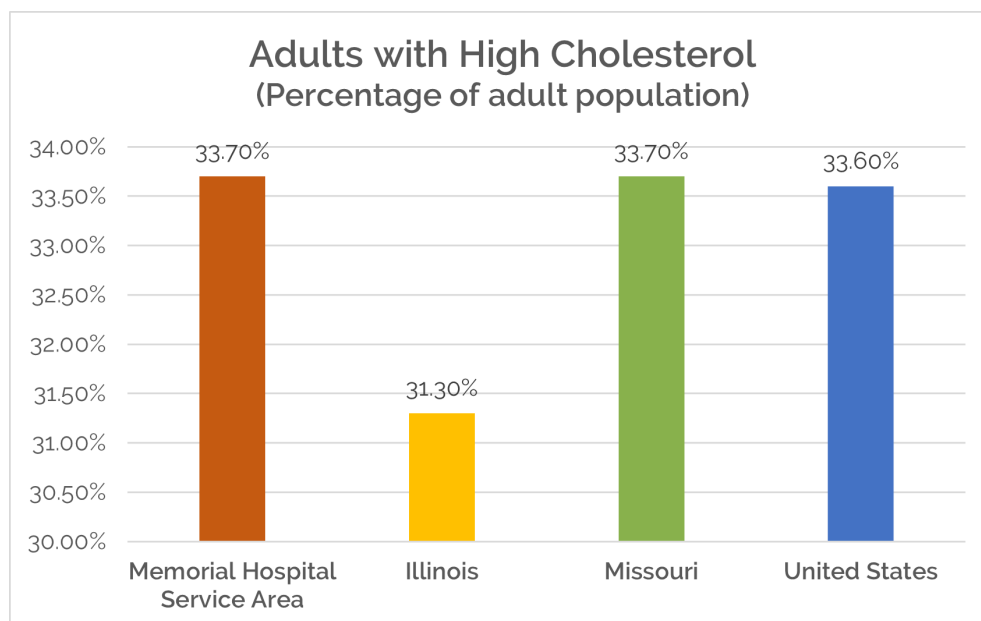


## Chronic Conditions – High Cholesterol (Adult)

This indicator reports the percentage of adults age 18 and older who report ever having been told by a doctor, nurse, or other health professional that they have high cholesterol. Within the service area, there were 33.70% of adults 18 and older who reported having high cholesterol of the total population.

Report Area	Total Population (2019)	Adults Age 18+ with High Cholesterol (Crude)	Adults Age 18+ with High Cholesterol (Age-Adjusted)
Memorial Hospital - Chester	43,145	33.70%	No data
Jackson County, IL	56,750	30.00%	29.00%
Perry County, IL	20,916	34.80%	29.90%
Randolph County, IL	31,782	35.00%	29.70%
Cape Girardeau County, MO	78,871	32.50%	29.00%
Perry County, MO	19,136	35.40%	29.10%
Illinois	12,671,821	31.3%	28.0%
Missouri	6,137,428	33.7%	29.1%
United States	328,239,523	33.6%	28.7%

*Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal, 2019. Source geography: Tract*



## Top Five Most Common Cancers – All Sites

The table below shows counts and age-adjusted incidence rates of the five most common newly diagnosed cancers by site for the five-year period 2014-2018.

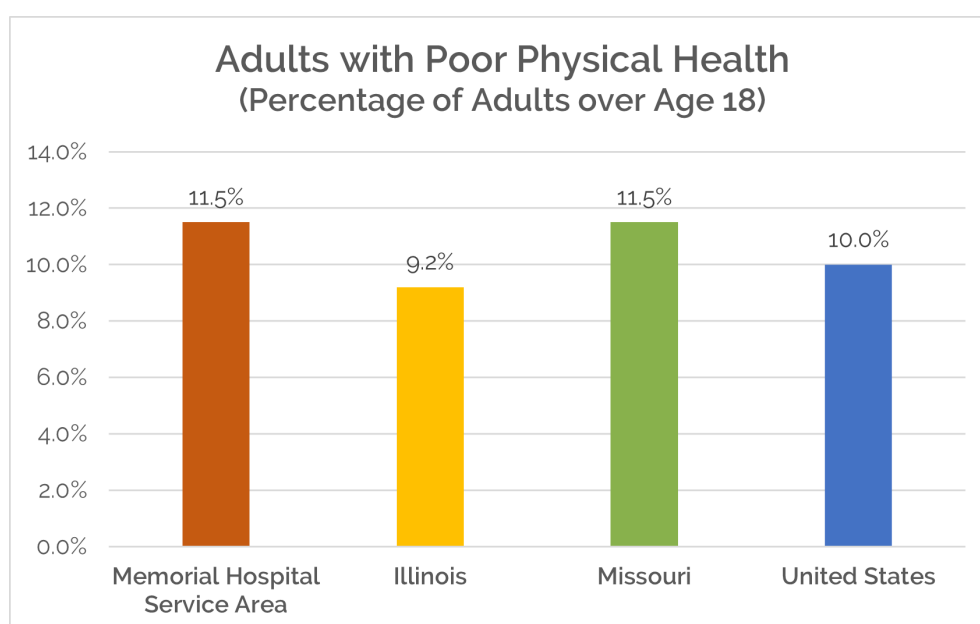
Area Name	Cancer Site	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
Jackson County, Illinois	1 - Lung & Bronchus (All Stages), 2014-2018	47	74
Jackson County, Illinois	2 - Breast (All Stages), 2014-2018	41	132.8
Jackson County, Illinois	3 - Prostate (All Stages), 2014-2018	29	96.6
Jackson County, Illinois	4 - Colon & Rectum (All Stages), 2014-2018	25	38.9
Jackson County, Illinois	5 - Melanoma of the Skin (All Stages), 2014-2018	15	22.7
Perry County, Illinois	1 - Lung & Bronchus (All Stages), 2014-2018	23	79.8
Perry County, Illinois	2 - Breast (All Stages), 2014-2018	17	141
Perry County, Illinois	3 - Colon & Rectum (All Stages), 2014-2018	15	54.7
Perry County, Illinois	4 - Prostate (All Stages), 2014-2018	13	88.8
Perry County, Illinois	5 - Bladder (All Stages), 2014-2018	8	26.4
Randolph County, Illinois	1 - Lung & Bronchus (All Stages), 2014-2018	32	70.6
Randolph County, Illinois	2 - Breast (All Stages), 2014-2018	26	129.8
Randolph County, Illinois	3 - Colon & Rectum (All Stages), 2014-2018	23	49.9
Randolph County, Illinois	4 - Prostate (All Stages), 2014-2018	19	84.2
Randolph County, Illinois	5 - Kidney & Renal Pelvis (All Stages), 2014-2018	10	22.5
Cape Girardeau County, Missouri	1 - Breast (All Stages), 2014-2018	66	138.6
Cape Girardeau County, Missouri	2 - Lung & Bronchus (All Stages), 2014-2018	60	62.4
Cape Girardeau County, Missouri	3 - Prostate (All Stages), 2014-2018	52	116.3
Cape Girardeau County, Missouri	4 - Colon & Rectum (All Stages), 2014-2018	38	41
Cape Girardeau County, Missouri	5 - Bladder (All Stages), 2014-2018	19	20
Perry County, Missouri	1 - Lung & Bronchus (All Stages), 2014-2018	17	65.6
Perry County, Missouri	2 - Breast (All Stages), 2014-2018	14	113.2
Perry County, Missouri	3 - Prostate (All Stages), 2014-2018	12	97.4
Perry County, Missouri	4 - Colon & Rectum (All Stages), 2014-2018	11	42.7
Perry County, Missouri	5 - Non-Hodgkin Lymphoma (All Stages), 2014-2018	6	22.5
Illinois	1 - Breast (All Stages), 2014-2018	10,389	133.7
Illinois	2 - Lung & Bronchus (All Stages), 2014-2018	9,538	63
Illinois	3 - Prostate (All Stages), 2014-2018	8,174	111.5
Illinois	4 - Colon & Rectum (All Stages), 2014-2018	6,243	42.1
Illinois	5 - Melanoma of the Skin (All Stages), 2014-2018	3,086	21.3
Missouri	1 - Lung & Bronchus (All Stages), 2014-2018	5,479	70.7
Missouri	2 - Breast (All Stages), 2014-2018	4,990	130.2
Missouri	3 - Prostate (All Stages), 2014-2018	3,485	93
Missouri	4 - Colon & Rectum (All Stages), 2014-2018	2,960	40.1
Missouri	5 - Bladder (All Stages), 2014-2018	1,498	19.7

## Poor Physical Health

This indicator reports the percentage of adults age 18 and older who report 14 or more days during the past 30 days during which their physical health was not good. Data were from the 2019 Behavioral Risk Factor Surveillance System (BRFSS) annual survey. Within the service area, there were 11.50% of adults 18 and older who reported poor physical health in the past month of the total population age 18 and older.

Report Area	Total Population (2020)	Adults Age 18+ with Poor Physical Health (Crude)	Adults Age 18+ with Poor Physical Health (Age-Adjusted)
Memorial Hospital - Chester	43,145	11.50%	No data
Jackson County, IL	56,675	10.00%	10.40%
Perry County, IL	20,664	11.90%	11.00%
Randolph County, IL	31,351	11.70%	10.70%
Cape Girardeau County, MO	79,512	11.20%	10.90%
Perry County, MO	19,194	12.40%	11.20%
Illinois	12,587,530	9.2%	8.6%
Missouri	6,151,548	11.5%	10.8%
United States	331,449,281	10.0%	9.4%

*Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, Accessed via the PLACES Data Portal, 2019.*

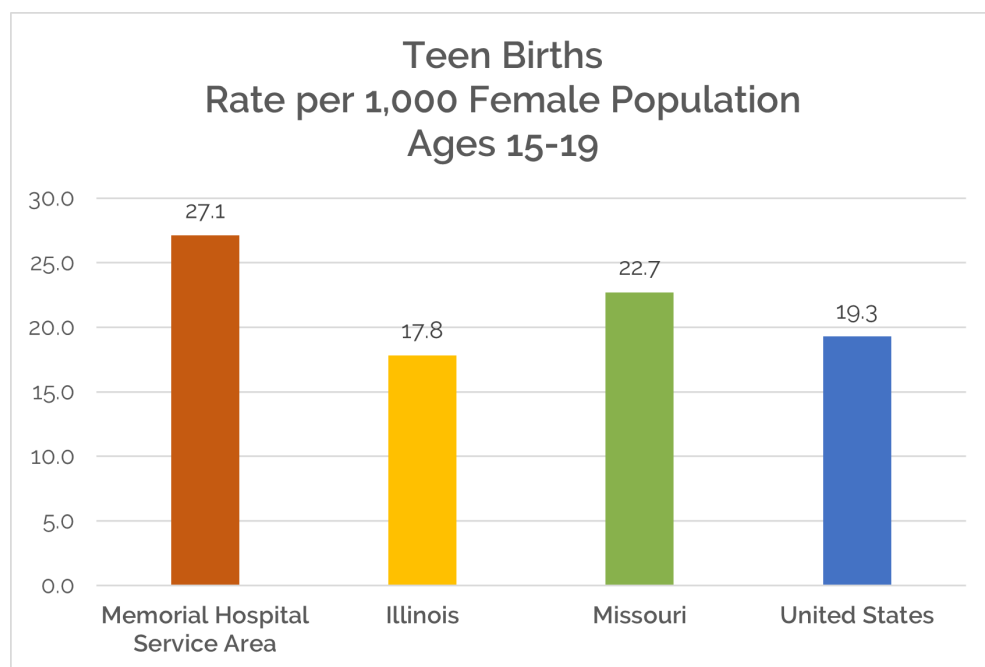


## Teen Births

This indicator reports the seven-year average number of births per 1,000 female population, age 15-19. Data were from the National Center for Health Statistics - Natality files (2014-2020) and are used for the 2022 County Health Rankings. In the service area, of the 7,968 total female population ages 15-19, the teen birth rate is 27.1 per 1,000, which is greater than the state's teen birth rate of 17.8. *Note: Data are suppressed for counties with fewer than 10 teen births in the timeframe.*

Report Area	Female Population Age 15-19	Teen Births, Rate per 1,000 Female Population Age 15-19
Memorial Hospital - Chester	7,968	27.1
Jackson County, IL	16,202	17.8
Perry County, IL	3,541	27.1
Randolph County, IL	5,549	30.1
Cape Girardeau County, MO	21,207	16.8
Perry County, MO	3,993	24.8
Illinois	2,861,219	17.8
Missouri	1,339,316	22.7
United States	72,151,590	19.3

*Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System, Accessed via County Health Rankings, 2014-2020. Source geography: County*



## Hospitalizations and Emergency Room Visits

This indicator reports the number and rate of emergency room (ER) visits among Medicare beneficiaries age 65 and older. This indicator is relevant because emergency room visits are “high intensity” services that can be a burden on both healthcare systems and patients. High rates of emergency room visits “may indicate poor care management, inadequate access to care or poor patient choices, resulting in ED visits that could be prevented.” In the latest reporting period, there were 19,331 Medicare beneficiaries in the service area. Beneficiaries had 8,267 emergency room visits, and the rate of visits per 1,000 beneficiaries was 549.0. The ER visit rate in the service area was lower than the state rate of 553.0 during the same time period.

Report Area	Medicare Part A and B Beneficiaries	Emergency Room Visits	Emergency Room Visits, Rate (per 1,000 Beneficiaries)
Memorial Hospital - Chester	19,331	8,267	549.0
Jackson County, IL	9,896	5,330	778.0
Perry County, IL	4,487	2,035	636.0
Randolph County, IL	6,788	2,674	580.0
Cape Girardeau County, MO	15,987	6,984	536.0
Perry County, MO	4,280	2,004	582.0
Illinois	2,116,359	769,525	553.0
Missouri	1,192,886	385,437	578.0
United States	58,738,711	17,332,356	535.0

*Note: This indicator is compared to the lowest state average. Data Source: Centers for Medicare and Medicaid Services, CMS - Geographic Variation Public Use File, 2020. Source geography: County*

## Poor Dental Health – Teeth Loss

This indicator reports the number and percentage of adults age 18 and older who report having lost all of their natural teeth because of tooth decay or gum disease. Within the service area, there were 18.00% of adults 18 and older who reported losing all natural teeth of the total population age 18 and older.

Report Area	Total Population (2020)	Adults Age 18+ with Poor Dental Health (Crude)	Adults Age 18+ with Poor Dental Health (Age-Adjusted)
Memorial Hospital - Chester	43,145	18.00%	No data
Jackson County, IL	56,675	12.60%	13.50%
Perry County, IL	20,664	14.80%	15.80%
Randolph County, IL	31,351	14.00%	15.20%
Cape Girardeau County, MO	79,512	13.20%	14.20%
Perry County, MO	19,194	14.40%	15.60%
Illinois	12,587,530	10.1%	10.8%
Missouri	6,151,548	13.1%	13.9%
United States	331,449,281	13.4%	13.9%

*Note: This indicator is compared to the lowest state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal, 2020. Source geography: Tract*

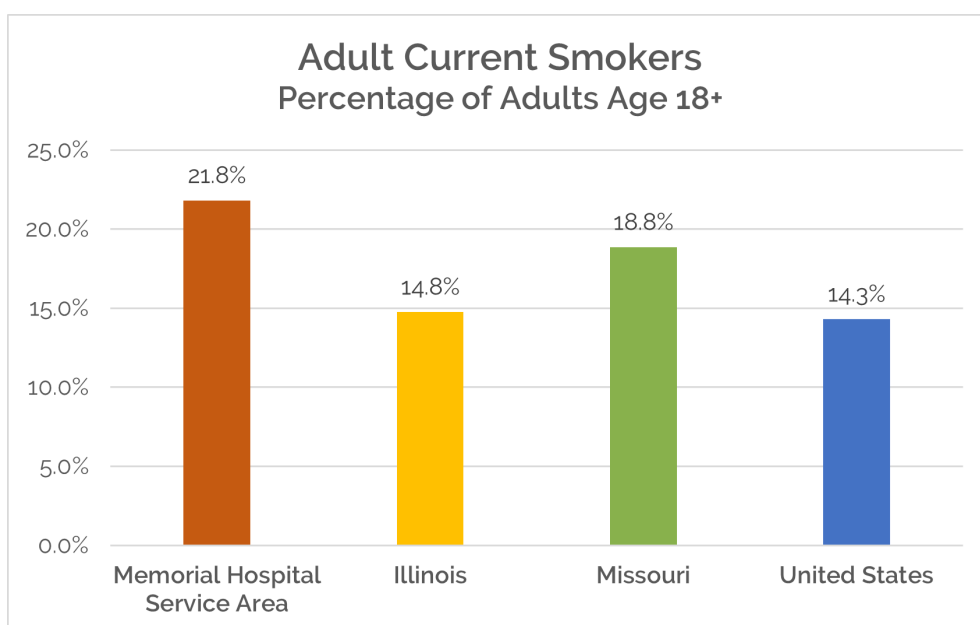


## Tobacco – Current Smokers

This indicator reports the percentage of adults age 18 and older who report having smoked at least 100 cigarettes in their lifetime and currently smoke every day or some days. Within the service area, there are 21.80% adults age 18+ who have smoked and currently smoke of the total population age 18+.

Report Area	Total Population (2020)	Adults Age 18+ as Current Smokers (Crude)	Adults Age 18+ as Current Smokers (Age-Adjusted)
Memorial Hospital - Chester	43,145	21.80%	No data
Jackson County, IL	56,675	16.60%	19.10%
Perry County, IL	20,664	21.70%	22.80%
Randolph County, IL	31,351	21.40%	22.20%
Cape Girardeau County, MO	79,512	18.10%	19.70%
Perry County, MO	19,194	20.60%	21.70%
Illinois	12,587,530	14.75%	15.21%
Missouri	6,151,548	18.84%	19.66%
United States	331,449,281	14.30%	14.60%

*Note: This indicator is compared to the lowest state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal, 2020. Source geography: Tract*



## BEHAVIORAL HEALTH

### Deaths of Despair – Suicide + Drug/Alcohol Poisoning

This indicator reports average rate of death due to intentional self-harm (suicide), alcohol-related disease, and drug overdose, also known as “deaths of despair,” per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for service areas from county level data, only where data is available. This indicator is relevant because death of despair is an indicator of poor mental health. Within the service area, there were 221 deaths of despair. This represents an age-adjusted death rate of 46.8 per every 100,000 total population.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Memorial Hospital - Chester	94,474	221	46.8	46.8
Jackson County, IL	57,600	134	46.5	50.0
Perry County, IL	21,079	47	44.6	45.2
Randolph County, IL	32,057	57	35.6	34.5
Cape Girardeau County, MO	78,842	199	50.5	50.7
Perry County, MO	19,198	53	55.2	56.0
Illinois	12,720,799	28,231	44.4	42.3
Missouri	6,124,392	16,912	55.2	54.1
United States	326,747,554	806,246	49.4	47.0

*Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER, 2016-2020. Source geography: County*

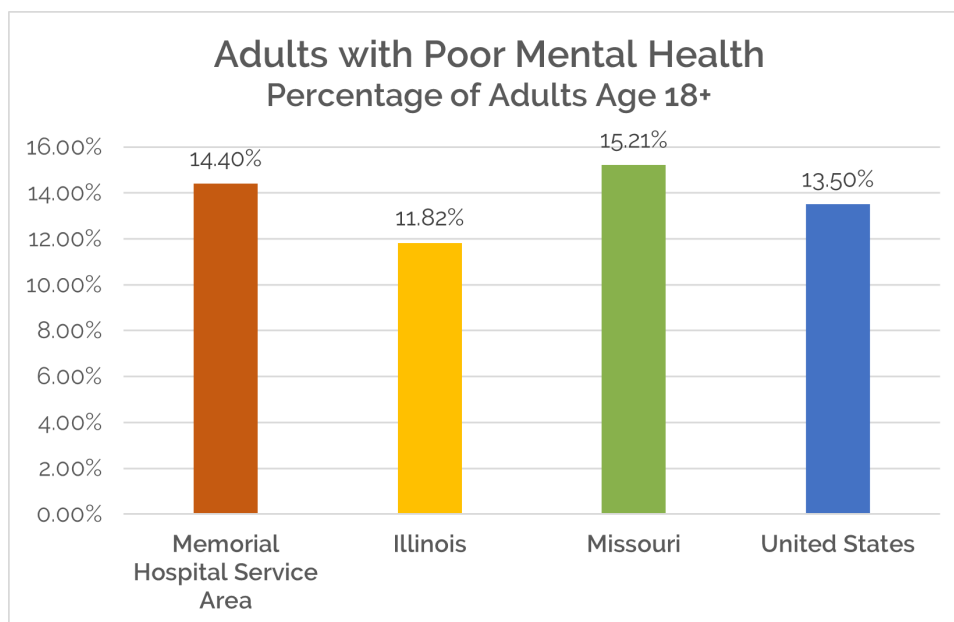
## MENTAL HEALTH

### Poor Mental Health (Adults)

This indicator reports the percentage of adults age 18 and older who report 14 or more days during the past 30 days during which their mental health was not good. Data were from the 2019 Behavioral Risk Factor Surveillance System (BRFSS) annual survey. Within the service area, there were 14.40% of adults 18 and older who reported poor mental health in the past month of the total population age 18 and older.

Report Area	Total Population (2020)	Adults Age 18+ with Poor Mental Health (Crude)	Adults Age 18+ with Poor Mental Health (Age-Adjusted)
Memorial Hospital - Chester	43,145	14.40%	No data
Jackson County, IL	56,675	13.90%	13.70%
Perry County, IL	20,664	13.40%	14.10%
Randolph County, IL	31,351	13.10%	13.90%
Cape Girardeau County, MO	79,512	15.60%	16.00%
Perry County, MO	19,194	15.20%	16.40%
Illinois	12,587,530	11.82%	12.30%
Missouri	6,151,548	15.21%	15.94%
United States	331,449,281	13.50%	13.90%

*Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, Accessed via the PLACES Data Portal, 2019. Source geography: Tract*



## EMERGENCY PREPAREDNESS

Memorial Hospital works with the US-HHS ASPR, the Illinois Department of Public Health, county health departments, the Illinois Emergency Management Agency, and other state, regional, and local partners to plan, exercise, and equip for emergency preparedness and to ensure the ability to address a wide range of potential emergencies, ranging from disasters of all causes to pandemics and terrorism.









## IDENTIFICATION AND PRIORITIZATION OF NEEDS

### PROCESS

The findings of the focus groups were presented, along with secondary data, analyzed by the consultant, to a third group for identification and prioritization of the significant health needs facing the community. The group consisted of representatives of public health, community leaders, healthcare providers, and community services providers.

The group reviewed notes from the focus groups and summaries of data reviewed by the consultant which included SparkMap, ESRI, Illinois Department of Public Health, CDC, USDA, Illinois Department of Labor, HRSA, County Health Rankings and Roadmaps, National Cancer Institute, and other resources.

## DESCRIPTION OF THE COMMUNITY HEALTH NEEDS IDENTIFIED

At the conclusion of their review and discussion, the identification and prioritization group advanced the following needs as being the significant community health needs facing the Memorial Hospital service area:

- 1. Improve Access to Local Direct Services**
  - a. Access to local urgent care
  - b. Improve local access to vaccines
- 2. Increase Access to Mental Health Services at All Levels**
- 3. Increase Local Healthcare Workforce by Increasing Access to Day Care for Healthcare Workers and Community Members**
- 4. Improve Access to Local Dentist Services**
- 5. Improve Local Health Equity**









Resources



Partners



Volunteers



Government

## RESOURCES AVAILABLE TO MEET PRIORITY HEALTH NEEDS

### HOSPITAL RESOURCES

- Administration
- Pharmacy
- Rural health management and staff
- Nursing
- Community Relations
- Human Resources

### HEALTHCARE PARTNERS OR OTHER RESOURCES INCLUDING TELEMEDICINE

- Randolph County Health Department
- Illinois Health and Hospital Association

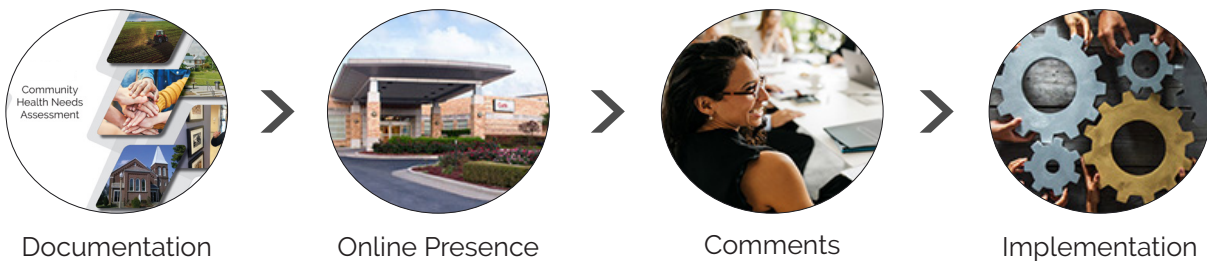
## COMMUNITY RESOURCES

- Schools
- Other interested organizations and persons
- Hoyleton Youth and Family Services
- Health Equity Alliance
- Other interested organizations and persons
- Puentes De Esperanza-Bridges of Hope-NFP
- Law enforcement
- Community Alliance
- Randolph County Nursing Home
- Regional hospitals
- Architect
- Engineers
- Construction companies









## DOCUMENTING AND COMMUNICATING RESULTS

This CHNA Report will be available to the community on the hospital's public website, [www.mhchester.com](http://www.mhchester.com). A hard copy may be reviewed at the hospital by inquiring at the information desk at the main entrance.

No written comments were received concerning the hospital facility's most recently conducted CHNA nor on the most recently adopted Implementation Strategy. A method for retaining written public comments and responses exists, but none were received.





## IMPLEMENTATION STRATEGY

### PLANNING PROCESS

The Implementation Strategy was developed through a facilitated meeting involving key administrative staff at Memorial Hospital on January 26, 2023. The group reviewed the needs assessment process completed to that point and considered the prioritized significant needs and supporting documents. They discussed steps taken to address the previous Community Health Needs Assessment. They also considered internal and external resources potentially available to address the current prioritized needs.

The group then considered each of the prioritized needs. For each of the five categories, actions the hospital intends to take were identified along with the anticipated impact of the actions, the resources the hospital intends to commit to the actions, and the external collaborators the hospital plans to cooperate with to address the need.

The plan will be evaluated by periodic review of measurable outcome indicators in conjunction with annual review and reporting.

## IMPLEMENTATION STRATEGY

The group addressed the needs with the following strategies:

### 1. Improve Access to Local Direct Services

- a. Access to local urgent care
- b. Improve local access to vaccines

*Actions the hospital intends to take to address the health need:*

- Memorial Hospital will build a Medical Office Building that will house a Convenient Care Clinic, along with other providers.
- Memorial Hospital will develop means for the new pharmacy to grow access to all vaccines through increased clinics for COVID vaccines and others.

*Anticipated impacts of these actions:*

Memorial Hospital anticipates that the Convenient Care new office building and increased vaccine clinics will resolve the identified needs.

*Programs and resources the hospital plans to commit to address health need:*

- Administration
- Pharmacy
- Rural health management and staff

*Planned collaboration between the hospital and other facilities:*

- Architects
- Engineers
- Construction companies
- Health department

## 2. Increase Access to Mental Health Services at All Levels

*Actions the hospital intends to take to address the health need:*

- Memorial Hospital will continue to collaborate with community and healthcare partners to develop community-wide resources to provide solutions to service needs.
- Memorial Hospital will continue to seek grants and other resources for mental health mid-level providers and community workers.

*Anticipated impacts of these actions:*

Memorial Hospital anticipates that strong community collaboration combined with new mid-level providers and community workers will relieve these needs.

*Programs and resources the hospital plans to commit to address health need:*

- Administration
- Nursing
- Community Relations

*Planned collaboration between the hospital and other facilities:*

- Comwell Behavioral Health
- Regional hospitals
- Randolph County Health Department
- Law enforcement
- Community Alliance
- Randolph County Nursing Home

### **3. Increase Local Healthcare Workforce by Increasing Access to Day Care for Healthcare Workers and Community Members**

*Actions the hospital intends to take to address the health need:*

- Memorial Hospital will continue support of the new before-and-after school program
- Memorial Hospital will explore developing a community day care center in collaboration with other interested organizations and persons.

*Anticipated impacts of these actions:*

Memorial Hospital anticipates that the steps set out above will substantially address local day care needs.

*Programs and resources the hospital plans to commit to address health need:*

- Administration

*Planned collaboration between the hospital and other facilities:*

- Chester Community School District
- University of Illinois Extension
- Interested organizations and businesses
- Individual community partners

### **4. Improve Access to Local Dentist Services**

*Actions the hospital intends to take to address the health need:*

- Memorial Hospital has reviewed this need and has concluded that direct provision of dental services is beyond the scope and abilities of the hospital at this time. Memorial Hospital will assist community efforts to address dental needs as reasonable and appropriate.

*Anticipated impacts of these actions:*

Memorial Hospital anticipates that community efforts to address dental needs will have the best chance of creating new opportunities for increasing local dental care.

*Programs and resources the hospital plans to commit to address health need:*

- Administration

*Planned collaboration between the hospital and other facilities:*

- Randolph County Health Department
- Other interested organizations and persons

## **5. Improve Local Health Equity**

*Actions the hospital intends to take to address the health need:*

- Memorial Hospital will collaborate with community partners to provide a health resource event targeted to the local Spanish-speaking audience.
- Memorial Hospital will continue building responses to healthcare needs of Spanish-speaking community members based on a local health equity survey conducted by the Illinois Health and Hospital Association.
- Memorial Hospital will support efforts of the new Spanish-speaking social worker.

*Anticipated impacts of these actions:*

Memorial Hospital anticipates that the steps outlined above will help to address local health equity concerns.

*Programs and resources the hospital plans to commit to address health need:*

- Administration

*Planned collaboration between the hospital and other facilities:*

- Illinois Health and Hospital Association
- Hoyleton Youth and Family Services
- Health Equity Alliance
- Other interested citizens and organizations
- Puentes De Esperanza-Bridges of Hope-NFP





Focus Groups



Administration



Organizations



Business

## REFERENCES AND APPENDIX

### Appendix A

Proposed Plan of Action	Tasks	Events
(Continued from Page 11)	SISAA delivered "Hidden In Plain Sight" mock teen bedroom programs at Chester Grade School and Red Bud Library	October 2022
	SISAA trained 45 students from Coulterville, Marissa, Okawville, Red Bud, Sparta, and Steeleville High Schools and their sponsors to deliver peer prevention programming	October 2022
	SISAA hosted prevention assemblies in Chester, Coulterville, Okawville, Sparta, and Steeleville.	November 2022
	SISAA helped support LifeSavers Training participation by 10 Nashville and Sparta High School students and sponsors	November 2022

## Provide information and education to youth about safe and healthy lifestyles

Proposed Plan of Action	Tasks	Events
<ul style="list-style-type: none"> <li>- Presentations in local schools during health/ physical education classes               <ul style="list-style-type: none"> <li>o General wellness and hygiene</li> <li>o STD education (high school).</li> <li>o Proper stretching techniques (at athletic practices)</li> <li>o Education presentations local youth organization meetings (i.e. Boy Scouts, Girl Scouts, 4-H, youth groups)</li> </ul> </li> </ul>	<p>Work with health department, therapy and sports rehab center, and other local health organizations to create a series of presentations for the youth</p>	
	Chester Grade School 2019 Fitness Day – sponsor and activity provider	Spring 2019
	Chester Public Library – hand hygiene, sun safety, first aid, and “Visiting the Doctor”	Summer 2019
	St. Mary's 2019 – hand hygiene	2019
<b>Current and Ongoing Actions</b> <ul style="list-style-type: none"> <li>- Have been working with St. John Lutheran School to provide health programs for the second grade class</li> <li>- Working with Chester High School and Elementary School educator for health programming for 2023               <ul style="list-style-type: none"> <li>o Support schools in building protective factors against alcohol and other drug use</li> <li>o Support and build positive parenting opportunities</li> <li>o Build a community environment that reflects healthy norms</li> <li>o Develop youth prevention leaders and peer-to-peer support in school using materials form SAMHSA ,<i>“Talk, They Hear You”</i></li> <li>o Decrease stigma related to addiction and recovery</li> </ul> </li> </ul>	<p>Assisted SISAA with Teen Summit V at Sparta World Shooting Complex</p> <p>Healthy Kids Newsletter: First issue sent out in January of 2020. Provided to local schools to go home with each student. Planned to be a quarterly newsletter (published in September, December, March, May)</p> <p>“Closer Look at Health and Wellness” flyer provided to schools in January 2020 Plans to resend the flyer to schools once things resume to a “new normal” after COVID</p>	<p>September 30, 2019</p> <p>January 2020</p> <p>January 2020</p>

## SISAA, Soon to Be Healthy Communities Alliance, Relationship

Proposed Plan of Action	Tasks	Events
<ul style="list-style-type: none"> <li>Active participation in coalition to prevent drug and alcohol misuse among adolescents and provide educational materials and presentations for parents and guardians. Coalition meets monthly to discuss current issues and plan events.</li> </ul>	Parent communication campaign – ads and flyers focused on building communication with teens	2019
<b>Current and Ongoing Actions</b> <ul style="list-style-type: none"> <li>Extensive work to transform alliance into the Health Communities Alliance with a broader focus on community wellness as a whole: mental health, physical health, support, recovery, and education. Goal of better alignment of Health Department IPLAN, ComWell Community Assessment, and Hospital CHNA goals.</li> <li>Developing youth prevention leaders and peer-to-peer support</li> <li>Support and build positive parenting opportunities</li> <li>Focus on the meth issue with law enforcement</li> <li>Building a community environment that reflects healthy norms</li> <li>Decreasing stigma regarding mental health, addiction, and recovery</li> <li>"Better Together" subcommittee plans in the works               <ul style="list-style-type: none"> <li>Volunteer recruitment and training</li> <li>Cultural outreach</li> <li>Drug Court program in Randolph County</li> <li>Work rehabilitation and training</li> <li>People with lived experience program</li> <li>Recovery home planning</li> <li>Homelessness</li> </ul> </li> </ul>	<b>2019 Events</b> <p>"Hidden In Plain Sight" at Chester, Evansville, and Sparta.</p> <p>RALI (The Rx Abuse Leadership of Illinois) educational trailer in Sparta and Steeleville</p> <p>Teen Institute at the World Shooting and Recreational Complex in Sparta, IL. Aids in developing youth leaders</p> <p>Continued efforts to educate government officials on new marijuana laws and to encourage them to opt out</p> <p>"Drug Take Back Day" event at multiple locations</p> <b>2020 Events</b> <p>"Drug Take Back Day" event at multiple locations throughout Randolph and Washington Counties</p> <b>2021 Events</b> <p>Mid-Winter Teen Conference (Okawville, Red Bud, and Waterloo)</p> <p>Sparta Mid-Winter Classic "Hidden In Plain Sight" (Marissa and Evansville)</p> <p>"Drug Take Back Day" event at multiple locations</p>	2020

Proposed Plan of Action	Tasks	Events
(Continued from Page 87)	<p><b>2021 Events</b></p> <p>Involvement with Randolph County Rehab Center Project</p> <p>Teen Summits</p> <p>School assemblies and handed out "Ask for Help" cards with contact information for Call 4 Calm, Suicide Hotline, Crisis Text Line, and ComWell</p> <p>Youth education curriculum in schools</p> <p>"Drug Take Back Day" event at multiple locations</p> <p>Red Bud, Sparta, Okawville, Steeleville, and Nashville town councils approved proclamations recognizing Prevention Month in May, as did the Randolph County Commission and Washington County Board</p>	<p>2022</p>

## Update local resource list and make information available on website

Proposed Plan of Action	Tasks	Events
<ul style="list-style-type: none"> <li>– Co-collaboration on availability of resources. MH to compile list of local resources and post on the MH website. This list will be shared with other businesses and organizations in the community for them to also share on their sites</li> <li>– MH will feature a resource organization/business quarterly in their digital newsletter, blog, and social media accounts</li> </ul>	<p>Request resource links/ information from Chester Chamber and Rotary</p> <p>Worked with the Randolph County Health Department IPLAN committee to develop a Directory of Health and Community Services. Directory is available on the Memorial Hospital Website Resource page</p>	<p>January 2020</p>
<b>Current and Ongoing Actions</b> <ul style="list-style-type: none"> <li>– Attend monthly interagency meetings with organizations from southern Illinois to build resources and connections</li> <li>– MH shares local resource information to our Facebook Page (SISAA, HSC/ComWell, Randolph County Health Department, City of Chester, etc.)</li> <li>– Working with the SISAA "Better Together" subcommittee to create care kits for first responders with informational handouts that include condensed information from the Randolph County Resource Guide focused on crisis, domestic violence, homelessness, and substance misuses help and recovery</li> </ul>	<p>Encourage businesses/ organizations to share each other's social media posts</p> <p>Attended Resource Fair held in Sparta on November 15, 2019</p> <p>Digital Randolph County Resource Guide created. "Better Together" Recovery Committee (subcommittee of SISAA) – developed the 2021 Randolph County Resource Guide. Digital form available on Health Department website and shared on other organizations websites. Circulated via email to various departments and organizations. Very few printed copies were produced but postcards with QR codes and a short link were created to help share the information with the public</p> <p>Printed Randolph County Resource Guides. ICAHN Flex Grant received by Memorial provided 2,000 printed 2022 Randolph County Resource Guides, and promotion materials. Materials disseminated throughout Randolph County by SISAA members</p>	<p>November 15, 2019</p> <p>2021</p> <p>2022</p>

## Collaborate and link hospital website to Human Service Center, ComWell, and the Health Department websites to improve access to local services

Proposed Plan of Action	Tasks	Events
<ul style="list-style-type: none"> <li>– HSC and HD resources will be included on the MH website Resources page</li> <li>– Featured services will be shared and highlighted on MH social media accounts each month</li> <li>– MH will share stories posted by HSC and HD on their Facebook page</li> </ul>	<p>Request resource information from HSC and HD</p> <p>Added links to the HSC, ComWell and Health Department websites to the MH Resource Page on our website</p>	September 2020

## Develop new programs for substance abuse prevention

Proposed Plan of Action	Tasks	Events
<ul style="list-style-type: none"> <li>– Collaborate on community events <ul style="list-style-type: none"> <li>o Narcan training</li> <li>o Opioid training</li> <li>o The dangers of vaping for youth</li> <li>o “Hidden in Plain Sight” events</li> </ul> </li> </ul> <p><b>Current and Ongoing Actions</b></p> <ul style="list-style-type: none"> <li>– Currently share digital messaging campaigns from SISAA</li> <li>– Active in SISAA Coalition initiatives</li> <li>– SISAA provides “Too Good for Drugs” to middle schools and “Toward No Drug Abuse” to high schools. Prevention curriculums are currently taught Sparta and Steeleville schools. Prior to COVID, Okawville, Red Bud, and Chester were active</li> </ul>	<p>Work with the National Alliance for Mental Health, the Human Service Center, the health department, SISAA coalition, and local law enforcement to obtain presenters and organize training events</p> <p>Attend ICAHN “Opioid Crisis Next Door” event in Springfield, June 2019.</p> <p>Attend CADCA Mid-Year Virtual Conference in 2020.</p> <p>SISAA coordinated with the Farm Bureau to raise awareness about the consequences of social hosting of underage drinking parties</p>	<p>June 2019</p> <p>July 2020</p> <p>2021</p>

## Explore the feasibility of a future facility for community use for wellness and community gatherings and education, possibly in partnership with local government and other partners

Proposed Plan of Action	Tasks	Events
<ul style="list-style-type: none"> <li>– No action taken</li> </ul>		

## Expand opportunities for recreation and exercise, utilizing on-site and other resources

Proposed Plan of Action	Tasks	Events
<b>Offsite</b> <ul style="list-style-type: none"> <li>- A list of available areas for outdoor and indoor activities in Randolph County and the surrounding area will be completed and shared on the MH website</li> <li>- Organizing of group wellness events <ul style="list-style-type: none"> <li>o High school track <i>Walk with a doctor</i></li> <li>o Cohen Complex <i>Women's Health Week – May</i> <i>Senior Health and Fitness Day – May</i> <i>Men's Health Month – June</i></li> <li>o Cole Park <i>Yoga/meditation classes</i> <i>Hiking</i></li> </ul> </li> <li>- Cohen Complex <ul style="list-style-type: none"> <li>o Assist with upkeep of existing exercise equipment and signage</li> </ul> </li> <li>- Cole Park <ul style="list-style-type: none"> <li>o Existing hills and slopes provide suitable environment for a more challenging walking path</li> </ul> </li> <li>- Signage throughout town to promote fitness at various locations <ul style="list-style-type: none"> <li>o City Steps – illustrations of stair exercises</li> <li>o Cohen Park – walking track distance markers</li> <li>o Gazebo Park – illustrations of push-up variations and chair exercises that can be done using the benches</li> <li>o Cole Park – “Ninja Warrior”/Crossfit-style, outdoor, adult equipment.</li> </ul> </li> <li>- Senior classes: Manor at Craig Farms, Senior Center, nursing home <ul style="list-style-type: none"> <li>o Chair exercises</li> <li>o Wellness classes</li> </ul> </li> </ul>	<p>Request information from local Chambers, Rotaries, Park Boards, gyms, and fitness classes <b>(included in Resource Guide)</b></p> <p>Fun Run/Walk at the Cohen Complex in Chester. Each participant was challenged to walk or run a 5K. Attendance prizes were awarded. Around 120 people participated.</p> <p>Work with City of Chester Parks and Recreation on maintenance and development of bike trail</p> <p>Aided in installation of Disc Golf Course at Cole Park</p> <p>Work with City of Chester Parks and Recreation on development of various fitness signage for around Chester</p> <p>Plans in action for fitness equipment located near City Steps. Due to property lines and movement of hillside, plans were tabled.</p> <p>Work with local assisted living, nursing home, and senior center facilities to organize senior classes</p>	<p>2021</p> <p>October 2022</p> <p>2022</p>

Current and Ongoing Actions	Tasks	Events
<b>Offsite</b> <ul style="list-style-type: none"> <li>- Promotion of after-care program at Therapy and Sports Rehab Center</li> <li>- Employee Wellness program               <ul style="list-style-type: none"> <li>o Annual challenges and incentives</li> <li>o Mapping of walking track around hospital completed in 2020</li> </ul> </li> </ul>	Request resource information from HSC and HD  Added links to the HSC, ComWell and Health Department websites to the MH Resource Page on our website	September 2020

**Create and share information about existing and available local resources for recreation and exercise as part of its wellness promotion efforts**

Proposed Plan of Action	Tasks	Events
<ul style="list-style-type: none"> <li>- Compile links and resources for local hiking trails, swimming, biking, etc., will be provided on the MH website and event schedules and activities shared on MH social media</li> </ul>	Work with local Chambers, parks, cycling groups, and recreation centers to compile list of links and schedules	2019-2020
<b>Current and Ongoing Actions</b> <ul style="list-style-type: none"> <li>- Learning Table classes held monthly (2019-March 2020)               <ul style="list-style-type: none"> <li>o In collaboration with Sara Noennig, HSC, social worker</li> <li>o Susan Sloop, U of I, June 2019</li> </ul> </li> <li>- Weight Loss Group held weekly-monthly (starting July 2019-current)               <ul style="list-style-type: none"> <li>o Plans to convert to Body Balance, wellness coach, program in 2023</li> </ul> </li> </ul>	Randolph County Resource Guide contains a section on Recreation: see "Update local resource list and make that information available on the hospital's website for access by the community" section above	

## Expand and promote parenting skills. education, and programming

Proposed Plan of Action	Tasks	Events
<ul style="list-style-type: none"> <li>- MH to add parent education classes with topics to include: <ul style="list-style-type: none"> <li>o First Aid, CPR, and choking prevention</li> <li>o Nutrition</li> <li>o Hygiene</li> <li>o "Talking to Your Teen"</li> </ul> </li> </ul> <p><b>Current and Ongoing Actions</b></p> <ul style="list-style-type: none"> <li>- Prenatal and family education classes held quarterly</li> <li>- Babysitting classes held annually. <ul style="list-style-type: none"> <li>o Received BLS Instructor certification in 2021</li> <li>o Increased to three classes (one each month in May, June, and July) in 2022</li> </ul> </li> </ul>	<p>Work with Human Service Center, Health Department, and University of Illinois Extension to host and organize wellness and education events at various locations</p> <p>Invite guest speakers from other organizations to present at MH events</p>	2021/2022

## Expand and promote parenting skills. education, and programming

Current and Ongoing Actions	Tasks	Events
<ul style="list-style-type: none"> <li>- Include dental hygiene in youth education presentations</li> <li>- Discount exam days for school children</li> </ul> <p><b>Current and Ongoing Actions</b></p> <ul style="list-style-type: none"> <li>- Dental Safari - Each year, the Chester Elementary and High Schools have Dental Safari visit the schools. Memorial Hospital helped promote the events and provided information to providers on the event.</li> </ul>	<p>Work with local dental offices to co-host educational events.</p> <p>Rotary Voucher Program</p> <p>Looked into hosting "Give Kids a Smile" event in Chester in 2021. Providers, equipment, and location would need to be provided. Alternative is to provide shuttle to SIU School of Dentistry.</p>	Winter 2021

## Other community events for collaboration

- "Go Red for Women" held annually
  - o Guest speaker: Susan Sloop, University of Illinois, 2018
  - o Guest speaker: Chrissy Kraus, Prairie Heart, 2019
  - o Guest speaker: Kendall Boysen, Encouragementology, 2020
  - o Canceled in 2021 and 2022 due to COVID
- Health Fair held annually with Buena Vista National Bank
  - o Lions Club provided retinal screening in 2019
  - o SISAA provided drug disposal bags and coalition information in 2019 and 2020
  - o Canceled in 2021 due to COVID
  - o Held in May 2022
- Randolph County Interagency Resource Fair
  - o Held in 2019 in Sparta, IL
- Breast Cancer Awareness "Pink Out"
  - o 2019, 2021, & 2022 - "Pink Out" at Chester High School. In October, Memorial participates in a "Pink Out" game at the high school providing an information table. Mammography and chemo/infusion employees are in attendance to promote their services including 3D mammography screenings.
- Mental Health First Aid Training
  - o 2022 - Held every other month at Memorial in cooperation with ComWell and NAMI
- Medicare Education
  - o 2021, 2022 - Medicare and Medicare Advantage enrollment education classes held in the fall
    - Keith Leitzen with Managed Care Partners presents
- Adult Enrichment Classes
  - o 2022 - University of Illinois Extension office classes - worked with U of I educators to provide enrichment classes for the community each month at Memorial Hospital
- Youth Healthcare Career Programs
  - o Pathfinder Program 2018-2019 and 2019-2020
  - o Medical Explorers Program 2019-2020, 2020-2021, 2021-2022, and 2022-2023

## **Appendix B**

### **2022 Community Health Needs Assessment Meeting Attendees**

Krista Mulholland, Administrator, Randolph County Health Department

Tim Sims, Pastor, St. John Evangelical Lutheran Church/School

Rebekah Hillerman, Regional Office of Education #45

Tanya Cowan, Chester Rotary President

Carlos Barbour, Randolph County Coroner

Lacey Eggemeyer, Fresenius Medical Care of Randolph County

Ms. Kimberly Briggs, Superintendent, Chester School District

Greg Crain, Board of Directors Member, Memorial Hospital

Dr. James Krieg, MD

Jerre Atchison, RPh, Pharmacy, Memorial Hospital

Martha Roth, Director of Professional Services and Safety, Memorial Hospital

Brett Bollmann, CEO, Memorial Hospital

Susan Diddlebock, CNO, Memorial Hospital

Becky Bunselmeyer, Director of Performance Improvement, Memorial Hospital

Mariah Bargman, Community Relations and Marketing, Memorial Hospital

Randy Dudenbostel, Director of Materials Management and Environmental Services, Memorial Hospital

Julie Stern, Director of Human Resources, Memorial Hospital

Patty Landeros, Environmental Services Tech, Memorial Hospital

Angela Mohring, RN, Infection Control Nurse, Memorial Hospital

### **2023 Planning Team Members**

Brett Bollmann, CEO, Memorial Hospital

Susan Diddlebock, CNO, Memorial Hospital

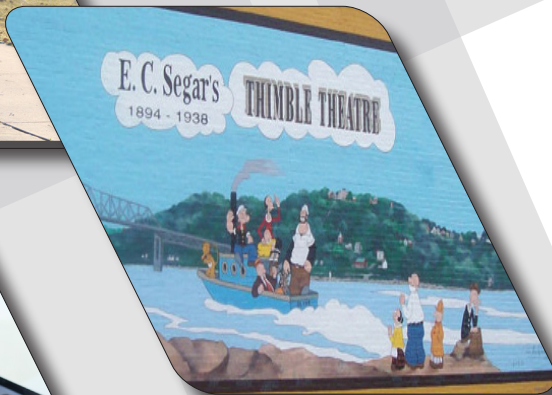
Morgan Bendorf, CFO, Memorial Hospital

Martha Roth, Director of Patient Safety, Risk Management and Professional Services, Memorial Hospital

Julie Stern, Director of Human Resources, Memorial Hospital

Mariah Bargman, Community Relations and Marketing, Memorial Hospital

Becky Bunselmeyer, Director of Performance Improvement, Memorial Hospital



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