



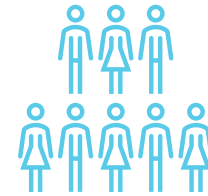
**CHNA  
Executive  
Summary**



**About our  
Community**



**Key Health  
Indicators**



**Community  
Input**



**Prioritized  
Health Needs**

To Our Communities,

I am honored to present the 2024 Joint SIH Community Health Needs Assessment (CHNA), a comprehensive report reflecting the collaboration and input of over 700 individuals from across Southern Illinois. This effort involved in-depth analysis of public health and demographic data, alongside extensive surveys of community members, partner organizations, healthcare providers and community leaders. Together, we sought to identify and better understand the pressing health needs of our region.

Guided by the insights of our CHNA Advisory Team and Implementation Planning Teams, this assessment highlights key challenges and opportunities to improve health outcomes across our service areas, which include four primary counties, three secondary counties and the entire 16-county region of southern Illinois. The CHNA serves as a roadmap for advancing SIH's mission to enhance the health and well-being of all people in the communities we serve.

In the following pages, you will find valuable data and actionable strategies that will guide SIH's efforts to address critical community health needs. These initiatives range from enhancing patient care processes to extending our reach beyond hospital walls through education, outreach and collaboration. Together, we remain committed to creating a healthier and stronger southern Illinois by acts of care which transform lives.

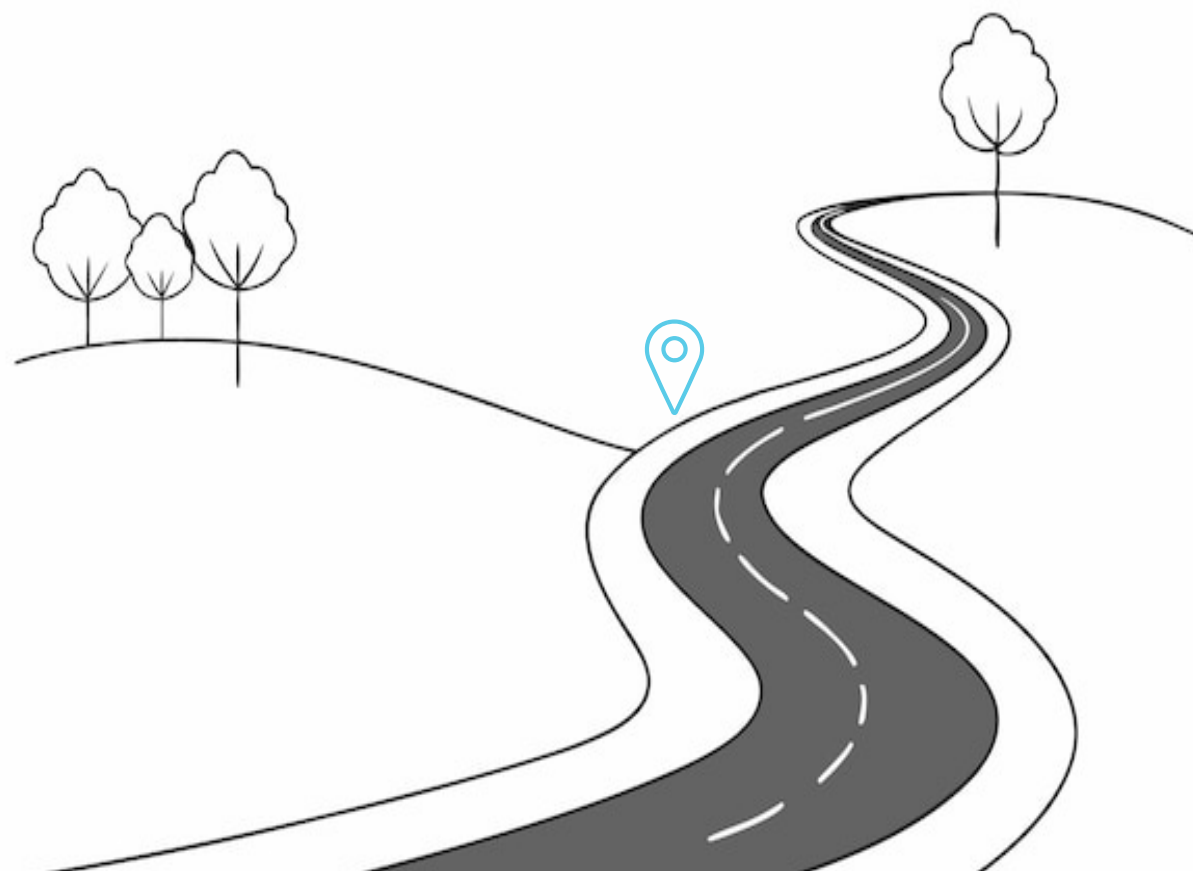
Sincerely,

John Antes

President and CEO

Southern Illinois Healthcare

*“We are dedicated to improving the health and well-being of all the people in the communities we serve.”*



## Southern Illinois Healthcare (SIH) 2024 CHNA

Southern Illinois Healthcare (SIH) is a not-for-profit health system serving the southernmost counties of Illinois with four hospitals, a comprehensive cancer center, Level II Trauma Center and more than 30 outpatient and specialty practices. Based in Carbondale, Illinois, SIH is the region's largest private employer with 4,000 employees and the largest provider of charity care, unreimbursed care and community benefits.

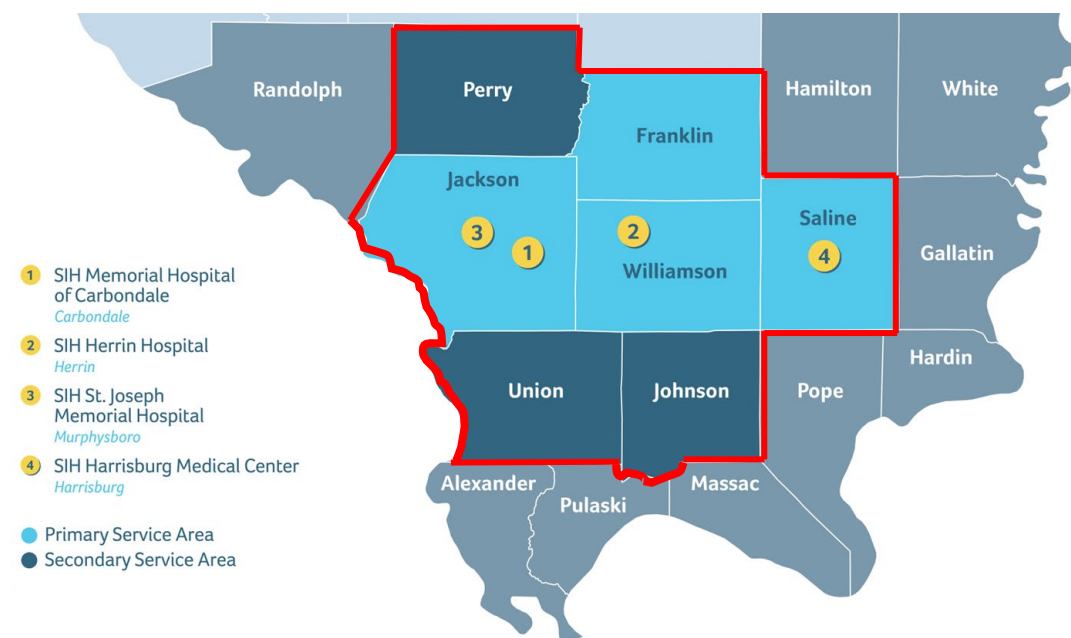
Recognized for quality outcomes in cardiac, stroke, bariatric and cancer care, SIH holds affiliations with renowned peers such as Prairie Heart Institute, SIU School of Medicine Family Practice Residency Program, Siteman Cancer Network and the BJC Collaborative.

SIH desires to continue providing clinical programs and services to meet community needs, while also pursuing continuous improvement in existing and future programs to improve the overall health of the communities it serves. As such, SIH has conducted a Joint Community Health Needs Assessment (CHNA), using primary and secondary data, to ensure community benefit programs and resources are focused on significant health needs as perceived by the community at large, as well as alignment with SIH's mission, services and strategic priorities.

SIH has defined its "community" to include the seven counties included on the map to the right representing SIH's primary and secondary service areas. Defining the CHNA community similarly to its primary and secondary service areas will allow SIH to more effectively focus its resources to address identified significant health needs, targeting areas of greatest need and health disparities. Although SIH has defined the "community" as these seven counties, many initiatives/efforts extend to the lower 16 counties due to our rural nature with limited resources. These 16 counties are often referred to as the "Illinois Delta Region" due to poorer health outcomes than the rest of the state.

SIH obtained input from 127 community leaders representing public health, public schools, local government officials, social services, neighborhood groups and various non-profit organizations through a combination of focus groups, interviews and key stakeholder surveys. SIH took into account input from individuals and groups representing medically underserved, low income, and minority populations.

Primary input was also obtained by conducting a community health survey distributed to members of the community through the Healthy Southern Illinois Delta Network (HSIDN), a 500+ member coalition working to improve health in Southern Illinois, SIH Patient and Family Advisory Council, homeless shelters, NAACP – Carbondale branch, food pantries and faith communities. The survey was also promoted through social media, flyers at community events and was shared on the SIH web-site. The survey was also translated into Spanish and shared at Spanish mass, to local orchards that employ Spanish speaking individuals, and through the Southern Illinois Migrant Council and many others.



## SIH 2024 CHNA

Secondary data was assessed including:

- Demographics (population, age, sex, race)
- Socioeconomic indicators (household income, poverty, unemployment, educational attainment)
- Key health indicators

Information gathered in the above steps was reviewed and analyzed to identify health issues in the community. The process identified the following health issues which are listed in alphabetical order:

- Access to Health Services/Navigating Healthcare Services
- Adult Smoking
- Affordable Housing
- Affordable, Healthy Food
- Chronic Health Conditions
- Health Literacy
- Lack of Dental Care
- Lack of Internet Services
- Lack of Mental Health Services
- Lack of Prenatal Care
- Lack of Primary Care Providers
- Lack of Specialty Providers
- Mental Distress/Behavioral Health
- Obesity
- Poverty
- Preventative Care
- Substance Misuse
- Transportation
- Violence/Gun Violence
- Youth Bullying
- Youth Vaping

Health needs were prioritized with input from a broad base of members of the SIH's Leadership Team.

A review of existing community benefit and outreach programs was also conducted as part of this process and opportunities for increased community collaboration were explored.

Building on previous Community Health Needs Assessments and considering information gathered through this Community Health Needs Assessment, SIH chose the needs below to address over the next three years. Opportunities for health improvement exist in each area and SIH will work to identify areas where it can most effectively focus its resources to have significant impact and develop an implementation strategy for tax years 2025-2027.

**Access to Care  
(Including Transportation)**

**Behavioral Health  
(Mental Health & Substance  
Misuse)**

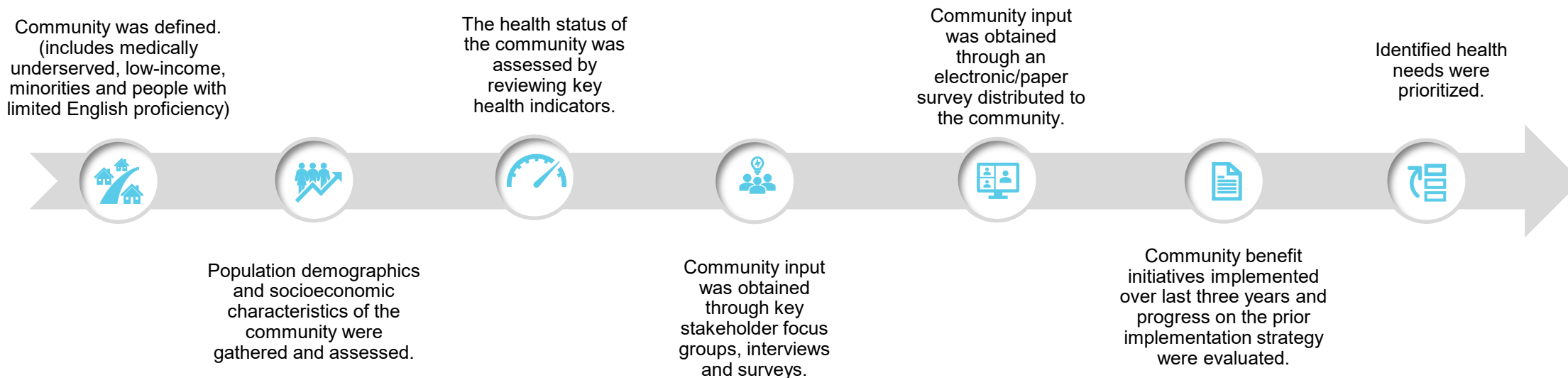
**Chronic Disease  
(Prevention, Management &  
Treatment)**

## How the Assessment was Conducted

SIH conducted a joint community health needs assessment (CHNA) to support its mission responding to the needs in the community it serves, to fulfill the requirements established by the Patient Protection and Affordable Care Act of 2010, and to comply with federal tax-exemption requirements. The goals were to:

- ✓ Identify and prioritize health issues in SIH's service area, particularly for vulnerable and under-represented populations.
- ✓ Ensure that programs and services closely match the priorities and needs of the community.
- ✓ Strategically address those needs to improve the health of the communities served by SIH.

Based on current literature and other guidance from the U.S. Department of the Treasury, the following steps were conducted as part of SIH's CHNA:



# SIH Commitment to Care

The commitments below are the behaviors expected from all SIH employees, as part of their overall work performance, in order to deliver excellence. These behaviors align with the SIH mission, vision and values that are the foundation of our organization, guiding us to create a culture unified by our Commitment to Care.

## 01. Commitment to Deliver Positive Patient and Colleague Experiences

We are committed to providing the highest quality of service and utmost care because everyone deserves to be treated with respect and compassion.

- I will be considerate and listen carefully to everyone.
- I will use common courtesy and act with compassion to acknowledge the discomfort (anxiety, fear, stress, uncertainty, pain) of others.
- I will withhold judgment and display sensitivity and respect for others' cultures or traditions, including race, nationality, appearance, beliefs, gender, age, disability, sexual orientation, religion, education or socioeconomic status.

## 02. Commitment to Support a Collaborative, Inclusive Community

We believe that leadership is within each of us and that each person may work in a different way; therefore, open and honest communication with each other is critical to our success. We value the dignity and unique strengths of each person.

- I will respect everyone regardless of job title, expertise, level of education or certification and/or any other differences that may exist between us.
- I will accept responsibility for establishing and maintaining healthy interpersonal relationships with everyone. I will talk to a co-worker promptly if I am having an issue with them and work toward a respectful resolution.

## 03. Commitment to Build Trust

It is our responsibility to earn the trust of our patients, guests, co-workers, and community.

- I will speak positively and use discretion when discussing my work in public.
- I will keep my commitments and be honest in all interactions.
- I will practice integrity and maintain confidentiality as outlined by our policy and procedures.

## 04. Commitment to Embrace my Personal Responsibility

We recognize a sense of ownership toward our job and accept responsibility for our work performance. Our culture recognizes success through collaboration and individual accountability.

- I will speak up as appropriate when I see room for improvement in our processes, behaviors or approach without placing blame or fearing retribution and seek to offer possible solutions to problems.
- I will take the time to keep up with communications from SIH and apply this information to my work.
- I will do my part to ensure a safe environment free of physical and emotional harm.
- I will adhere to organizational and departmental policies.
- I will strive to do every job right the first time.
- I will work with my team to ensure that our priorities and tasks are aligned with the organization's goals and that these jobs are completed in a timely manner.

SIH is a mission-driven organization which strives to create a strong culture of compassionate care, safety and quality that embodies our core values:

## Mission

We are dedicated to improving the health and well-being of all of the people in the communities we serve.

## Vision

Creating a healthy Southern Illinois made stronger by acts of caring that transform lives

## Values

Respect	Stewardship
Integrity	Quality
Compassion	Accountability
Collaboration	



# Our Commitment to Address Health Equity and Reduce Health Disparities

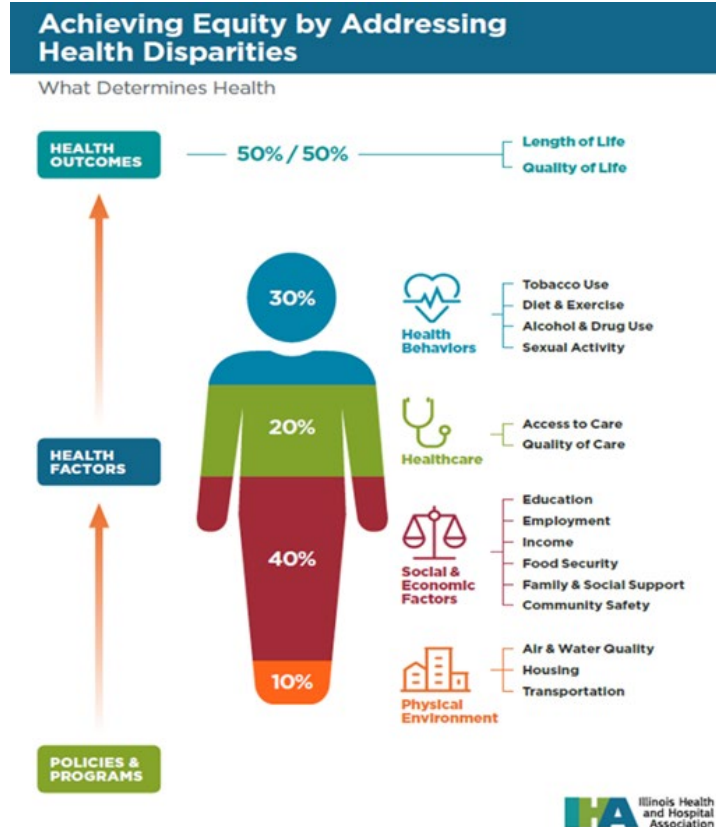
## Communicating needs and advocating for health enhancing policies, systems, and environments

By identifying and highlighting health issues and gaps in care along with our plans to address them, our goals are to enhance the public's understanding about the links between behaviors, risk factors, social determinants/drivers of health, policies and systems, and the long-term health status and quality of life for the community.

Engaging partners from outside the traditional boundaries of health care facilities and the public health sector, such as education, social work, legal aid, housing, and transportation, is essential to improving population health

## Direct Actions of the SIH System:

- Each year from 2021 - 2024, SIH completed the Illinois Hospital Association (IHA) Racial Equity in Healthcare Progress Report Survey. The survey examined the demographic profile of the SIH Board, management and workforce, patient demographics, diversity and inclusion training in our workforce, leadership practices to advance health equity, patient assessment practice, patient supports for social determinants of health, quality improvement practices, access to free and discounted care, investment in the community, and partnerships with patients and the community.
- IHA then provided SIH with a "Racial Health Equity Progress Report" to be utilized to provide focus and direction regarding SIH strengths and improvement opportunities.
- As a result of some of this work, SIH has established an all-staff training focused on health equity and diversity for all staff members and new hires to complete as part of their annual required trainings.
- Results of the 2024 progress report, show **SIH scored at 3.9 compared to the state average of 3.5, up from 3.2 in 2023 and 2.25 in 2022.**
- SIH will establish a work group to focus on the results of the 2024 survey to implement improvement opportunities in partnership with the SIH Culture Council and the Patient & Family Advisory Committee.



According to the American Hospital Association, only 20% of a person's health can be attributed to an individual's healthcare, while factors that influence health that fall outside the hospital and clinic walls such as social and economic factors and physical environment can disproportionately affect vulnerable and underrepresented populations and adversely affect quality of life and health.

# Our Commitment to Address Health Equity and Reduce Health Disparities

SIH will engage in and continue efforts to:

- Screen SIH Patients for health-related social needs and provide community resources
- Reduce health disparities through efforts of the SIH Health Equity and SDOH Committee and the hospital-based teams
- Recruit and retain a workforce representative of our patient population
- Procure goods and services locally and from historically underrepresented communities, as able
- Provide training that addresses cultural competency and implicit bias
- Obtain input from SIH patients and families through the SIH Patient and Family Advisory Council
- Establish and continue partnerships and investments to address social needs such as food, housing, transportation, and community safety

Highlights of these efforts are listed below:

## Screen SIH Inpatients for Health Related Social Needs and Provide Community Resources

SIH hospital inpatients are screened for health related social needs. If a patient screens “at risk” in any of the domains, resources are shared with the patients by designed staff such as nursing and case management, information also appears on the patient’s after visit summary listing those resources they may need. SIH is also in the process of implementing “Find Help,” an on-line community resource directory. This resource will be able to be used by both staff and community members to assist individuals in connecting with various community resources.

## Reduce health disparities through the efforts of an SIH Health Equity Social Drivers of Health (SDOH) Committee and the hospital-based teams

In 2024, SIH formed a steering committee as well as an SIH Health Equity Social Drivers of Health (SDOH) committee to address the needs of our patients. The teams assist the hospitals in improving screening rates and naming hospital-based team leads who work together with others to develop action plans to address those health needs seen among patients and the community. Each of SIH’s four hospitals has a different team lead, and each hospital team focuses on different efforts based on the needs of their patients and the community.

## Recruit and retain a workforce representative of our patient population

The SIH Director of Talent Acquisition ensures SIH is hiring a workforce that is representative of our patient population through collaboration with the Human Resources team. SIH Human Resources takes measures to recruit a large pool of candidates for open positions by placing paid advertising on “Indeed” to ensure anyone who is interested in positions may apply. Human Resources also works with SIH Marketing to spotlight hard to fill jobs and showcase positions through an increased social media presence in which the positive work culture at SIH is highlighted to increase the candidate pools.

SIH also supports developing the workforce in Southern Illinois through outreach to local high schools. SIH Human Resources holds healthcare career visits and presentations with area high schools. In FY25, SIH conducted nearly 80 visits to high schools and colleges to engage with over 2,000 students through career development support, career exploration panels, internship and job opportunities presentations, and hospital and facility tours. A 15-week Career Exploration program was held with Carbondale High School students in 2024 and in Summer 2024 SIH held a High School Summer Internship program for 20 students. An SIH Career Expo was held in October 2024 for over 800 Jr. High and High School students. SIH also implements a health care student worker program for those who are enrolled in local colleges to allow students to gain experience in a variety of healthcare careers.



# Our Commitment to Address Health Equity and Reduce Health Disparities

## Recruit and retain a workforce representative of our patient population, continued

In FY23, SIH provided \$1,294,812.12 in scholarships/loan forgiveness payments for individuals seeking degrees in majors that are considered hard-to-fill positions. These scholarships were for individuals seeking degrees or loan repayment in the following fields: nursing, medical lab, respiratory therapy, physical therapy, occupational therapy, health information technology, pharmacy, physical therapy, radiation technology, dietetics, and surgical technology.

## Procuring goods and services locally and from historically underrepresented communities

SIH is committed to prioritizing partnerships with local vendors whenever possible. We actively engage with local businesses to explore potential collaboration opportunities. While we do check for 8(a) business status to find experienced socially and economically disadvantaged small business owners, we have found that there are limited companies in our area that meet these criteria. Some of the local companies we work with include Zebra Graphics, Paducah, KY, Peacock Printing, Mt. Vernon, IL, T. Ham Signs, McBride Mack, Stiles, Henry Printing, Rowell Water, Vogler Ford, Silkworm, and Watermark Nissan.

SIH pre-qualifies contractors on construction projects that are considered qualifying capital expenditures, i.e., expenditures for the erection, building, alteration, reconstruction, modernization, improvement, extension or demolition of or by a hospital. Currently 38% of the SIH pre-qualified bidders self-report their status as female owned, minority owned, veteran owned, disadvantaged business, and small business enterprise. There is a lack of companies in our area that meet these criteria.

## Training to address cultural competency, implicit bias, and social determinants/drivers of health

SIH Senior Leadership Team participated in related efforts by completing an Intercultural Development Inventory pre assessment to measure the organization's current level of cultural intelligence. Senior leaders then participated in strategic growth activities related to cultural competency and then completed a post assessment to measure growth. Two staff members have become licensed facilitators to continue these efforts to improve cultural intelligence system-wide. Plans are underway to offer training with SIH Human Resources department leadership, SIH Mission & Values Teams, and the SIH Culture Council. Various organization wide training will also be conducted for staff between 2025-2028 on cultural competency, unconscious/implicit bias and social determinants of health to ensure we are serving both our patients and community well.

See page 5 for the "SIH Commitment to Care" for more on the SIH values.

## Obtain input from SIH patients and families through the SIH Patient and Family Advisory Council (PFAC)

The Patient Family Advisory Council is a committee of SIH staff and Southern Illinois community members who represent and advocate for patients, while working together towards a shared vision of compassionate, inclusive, and equitable healthcare for all. The PFAC council offers invaluable feedback and insights on SIH initiatives, covering areas such as safety, quality and ethics. Their diverse composition enables them to represent the myriad of voices within the SIH patient population. Moreover, they advocate for various interests, including those of hospitals and patient service areas.

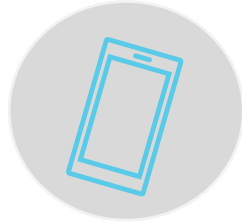
## Partnering and investing to address social needs

Many of the issues identified within this Community Health Needs Assessment require concerted and coordinated effort from community partners. Hospitals, health systems, health departments, federally qualified health centers, social service agencies and school systems are uniquely positioned to coordinate prevention efforts at the individual, organizational, community and policy levels by bringing attention to health issues. Through advocacy and supportive policies and practices, in addition to direct provision of services we work collaboratively to improve health outcomes.

## Our Commitment to Address Health Equity and Reduce Health Disparities-Additional Efforts



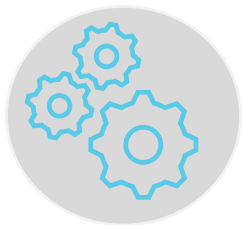
SIH continues to collaborate with our local universities and community colleges to create hiring pathways for all students. For example, SIH partnered with Southern Illinois University (SIU) School of Medicine to recruit family medicine residents and physician assistants. In 2019 SIH funded a new facility for SIU Medicine to lease for its family medicine residency program and physician assistant program. Nearly 30% of SIU Carbondale residency program graduates choose to start their careers and live in Southern Illinois. In 2019 SIH pledged up to \$1 million to start the undergraduate nursing program at SIUC and another \$470K toward graduate nursing programs. While in the program, SIUC nursing students complete their clinical training at SIH. The contribution promoted alignment between SIH, SIUC, and local community colleges in creating a clear path for nursing students in pursuit of a BSN in a cost-effective manner. SIH also partners with SIU School of Medicine through their Pathways to Saluki Medicine program by sponsoring attendance at their residential summer camp for high school students who are interested in the medical field.



The 4 SIH hospitals also work to make services available closer to the patients to cut down issues related to lack education, lack of transportation and lack of provider access through the work of the SIH Digital Health department. Patients are provided educational information electronically via their mobile device through the use of videos, outreach with targeted messages, educational web-links regarding medical procedures, medical terminology, and screening reminders and much more through the use of tools like MyChart and Xealth.



SIH has also partnered with digital health partner VeeOne Health, by investing in their remote patient monitoring technology that removes the reliance of transportation, technology, and connectivity from the patient and provides patients with direct access to healthcare in the home setting. Remote Patient Monitoring (RPM) at SIH currently addresses patients who suffer from Congestive Heart Failure (CHF) and Hypertension. Depending on the condition being treated, patients are provided a cellular internet enabled peripheral devices (scale, blood pressure cuff, pulse oximeter, thermometer, etc.) in order to best treat the patient in the home setting. The biometric data is transmitted daily directly into the patient's chart in Epic so that results can be trended and treated accordingly by their providers. A specific RPM use case currently underway making a significant impact closing care gaps is the RPM Discharge program for CHF. The cardiology clinic post discharge scheduling wait times currently average around 8 weeks, and the SIH RPM Discharge program for CHF combats this delay in care by issuing digital scales to patients so that their fluid levels and health can be monitored and managed while they await establishing direct care with a cardiologist.

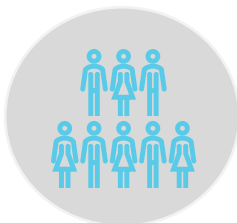


Beginning July 1, 2025, the SIH Digital Care team will be implementing a robust patient engagement system (pCare) within each of the SIH hospitals to vastly improve the patient experience and ensure patients have easy access to language interpreters. Each hospital bed will have a camera and television which will allow pts to have access to an interpreter in real time from their bed. Directly from the bed speaker control (pillow speaker), patients will also be able to invite and include family members into the hospital room when the family is unable to be physically present during care team rounding. This software also changes the meal ordering process for patients, by displaying the daily meal options on the bedside television and only showing the meal options that are diet friendly. For example, a heart failure patient needs to have a strict low sodium diet, and this software accommodates those menu options without the tempting the patient with other non-healthy alternatives. And a final advantage to this software is the ability to educate patients on their health conditions in their native language and at their convenience. Health education videos are available to patients on demand, in addition to being prescribed to them by their providers, so patients leave SIH facilities educated about how to best take care of themselves outside of the hospital.

## Our Commitment to Address Health Equity and Reduce Health Disparities-Additional Efforts

SIH leads and is a major partner with a variety of coalitions and action teams throughout the region, through engagement and collaboration with over 550 individuals, to improve health and reduce social determinants of health needs, including but not limited to:

- Carbondale Interfaith Council and area Ministerial Alliances
- Carbondale Warming Center Board
- Diabetes Today Resource Team
- Franklin Williamson Healthy Communities Coalition
- Franklin Williamson Recovery Oriented System of Care (ROSC) Council
- Healthy Southern Illinois Delta Network (HSIDN)
- Healthy Southern Seven Coalition
- Illinois CATCH on to Health Consortium
- Jackson County Healthy Communities Coalition
- Jackson Perry Recovery Oriented System of Care (ROSC) Council
- JCHCC Healthy Living Action Team
- Recovery Oriented System of Care (ROSC) Council for Southeastern Illinois
- Shawnee Preparedness and Response Coalition (SPARC)
- Southeastern Illinois Health Coalition
- Southeastern Illinois Tobacco Free Alliance
- Southern Illinois Cancer Action Network
- Southern Illinois Coalition for Children and Families
- Southern Illinois Coalition for the Homeless
- Southern Illinois Food Pantry Network
- Southern Illinois Tobacco Disparities Partnership
- Sparrow Coalition
- And many others



Not only do a majority of board members and senior leaders serve within community organizations, but SIH further strengthens ties with the community through the work of the SIH Community Benefits team, SIH Foundation, SIH Mission and Values Teams, and SI NOW. Every effort is made to fulfill our not-for profit mission to “improve the health and well-being of all of the people in the communities we serve.” Besides providing charity care and financial assistance to patients, SIH wants to positively impact our communities by extending care beyond hospital walls and into the neighborhoods where people live and work, play, pray and do business. Community benefits are the programs and services that SIH offers to meet these community health needs, in partnership with schools, workplaces, faith communities and other community agencies and groups. The Community Benefits Department seeks to bring health-related programs to the areas where they are most needed. SIH Community Benefits services as the back-bone agency/organizer for the Healthy Southern Illinois Delta Network ([www.hsidn.org](http://www.hsidn.org)). SIH staff coordinate steering committee meetings, maintain the HSIDN web-site, coordinate planning retreats and co-chair trainings, develop and distribute a weekly e-newsletter to over 550 HSIDN members, coordinate various action team meetings, and much more.



## Our Commitment to Address Health Equity and Reduce Health Disparities-Additional Efforts



SIH Foundation and SIH Harrisburg Medical Center Foundation are uniquely positioned to showcase the strong community ties that each foster. Each foundation is led by community board members who are invested in the region and are active volunteer participants in leading the charitable giving in the hospital system through the foundations. Not only do leaders and board members know the region and rely on community ties to advance services at SIH, but moreover the community has proven a deepened sense of confidence that the right level of care is available for patients of Southern Illinois close to home. The special event fundraisers that the foundations hold bring community members together in a setting that encourages camaraderie and enjoyment while learning about the good work that is done across the region by SIH and HMC. Furthermore, events take place in local spaces and with the help of local individuals. They are designed to unify the hearts of community members towards making a profound impact for all.



SIH Mission & Values Teams serve as pillars of SIH's Commitment to Care at each of the SIH facilities. The teams strive to help the staff live out the Mission and Values in all the work they do through education, activities, and service. Mission and Values Teams have been formed at each of the SIH hospitals, SIH Cancer Institute, SIH Medical Group and SIH Corporate office. These teams work to bring employees together while supporting and serving the community through efforts such as food and clothing drives, participating in 5K's and walks to raise awareness and funds for organizations such as the Carbondale Warming Center, serving food at local soup kitchens and so much more.



SIH is a leader not only in the Southern Illinois region but in the broader healthcare space with its understanding of and emphasis on addressing the root causes of social determinants of health, including economic stability factors. In alignment with SIH's mission to improve the health and well-being of all the people in the communities it serves, SIH has implemented strategies to improve the region's economic health. In 2018, SIH led in the development of SI Bridge to the Future, a regional leadership group focused on strategies for long-term economic growth. In just a few short years, that group's work served as the foundation for Southern Illinois Now (SI Now), a regional economic development organization serving the 17 southernmost counties in Illinois. SIH was and continues to be a catalyzing partner in this work by providing annual financial support, office space and staff support services, and board leadership. As a result of SIH's support, SI Now has made significant progress towards uniting the region around a common growth goal and instilling a renewed sense of optimism and collaboration throughout. In 2024, SI Now was awarded honors from the International Economic Development Council for its regional partnerships, a testament to SIH's vision. These partnerships drive the area's business growth and attraction, job creation, and talent pipeline development including the region's healthcare-related workforce needs. In addition to SIH's leadership in improving the economic landscape of Southern Illinois, it is an economic anchor in the region with over 3,800 employees, producing 9,316 direct and indirect jobs, and \$1.965 billion in direct and indirect economic impact (SIH Annual Report 2022).

# Acknowledgements

The CHNA for SIH supports the organization's mission:

***“We are dedicated to improving the health and well-being of all the people in the communities we serve.”***

This CHNA was made possible because of the commitment toward addressing the health needs in the community. Many individuals across the organization and throughout the community devoted time and resources to the completion of this assessment. SIH would like thank steering committee and advisory team members who assisted and facilitated the 2024 CHNA.

## SIH Steering Committee

- Woody Thorne, MEd, Chief Development Executive, SIH
- Angie Bailey, MPH, MEd, CHES, System Director for Community Health, SIH
- Fatoumata Saidou Hangadoumbo, PhD, MPH, CHES, Community Health Coordinator, SIH

**SIH CHNA Advisory Committee:** The 52 advisory team members listed below reviewed data collected throughout the CHNA process and participated in priority setting for the 2025 CHNA. A complete listing, including the advisory team member position, counties served and agency/organization affiliation of advisory team members is included in Appendix C.

- |                     |                                |                     |
|---------------------|--------------------------------|---------------------|
| • Angela Stanton    | • Emma Rea                     | • Madelyn Shepard   |
| • Angie Bailey      | • Erika Peterson               | • Malea Bailey      |
| • Abby Krummel      | • Fatoumata Saidou Hangadoumbo | • Matt Lerversee    |
| • Ashley Reeves     | • Jeff Stewart                 | • Matt Winkleman    |
| • Amy Lampley       | • Jennifer Hertter             | • Miguel Sarmiento  |
| • Angie Hampton     | • Jennifer Sigler              | • Natalie Sawyer    |
| • April Miller      | • Johnna Smith                 | • Rachael Hamburger |
| • Bart Millstead    | • Katie Unthank                | • Rodney Smith      |
| • Becky Salzar      | • Kimberly Scott-Pilkington    | • Samantha Burton   |
| • Craig Jesiolowski | • Kitty Juul                   | • Shelly Pierce     |
| • Cathy Harte       | • Kristen Matthews             | • Tera Lannom       |
| • Cindy Johnson     | • Laura Herzog                 | • Toni Hayden       |
| • Cherie Wright     | • Linda Flowers                | • Toni Kay Wright   |
| • Christina Carney  | • Lindsay Ledbetter            | • Tonica Anderson   |
| • Coral Cerrato     | • Lisa Gulley                  | • Tresa DeMello     |
| • Clark Gyure       | • Lizz Cooley-Questelle        | • Vanessa Ewing     |
| • Debi Johnson      | • Lynnette Torres              | • Woody Thorne      |
| • Dinah McGreehan   |                                |                     |

# Acknowledgements

**SIH CHNA Implementation Plan Strategy Teams:** The team members listed below participated in meetings to develop implementation strategies for tax years 2025-2027.

## Access to Care (Including Transportation):

Name	Job Title	Agency/Facility
Alexis Daun	Community Health Graduate Assistant	SIH Community Benefits
Angie Bailey	Director for Community Health	SIH Community Benefits
Ashley Bryant	Health Education Specialist	Jackson County Health Department
Becky Doiron	Program & Regional Data Manager	Alzheimer's Association
Becky Salazar	Executive Director	Egyptian Area Agency on Aging, Inc.
Camille Dorris	Executive Director	Southern Illinois Coalition for Homeless
Cathy Harte	Director	SIH Population Health
Cherie Wright	School Health Coordinator	SIH Community Benefits
Emma Rea	Administrative Assistant	SIH Community Benefits
Fatoumata Saidou Hangadoumbo	Community Health Coordinator	SIH Community Benefits
Jackie Austin	Director Revenue Cycle Consolidated Operations	SIH Patient Financial Services
Jeff Franklin	Executive Director, System Director	SIU School of Medicine Center for Rural Health and Social Service Development, SIU Institute of Rural Health
Jeff Stewart	System Director Mission Integration	SIH Mission Integration
Jennifer Hertter	Corporate Director of Managed Care/Population Health	SIH Managed Care
Jennifer Newbury	Program Coordinator	University of Illinois Extension
Kacey Yacko	RN Manager	SIH MHC Medical
Mary Jarvis	Perinatal Outreach and Lactation Coordinator	SIH MHC Mother Baby
Mary Smith	HIM Patient Portal Desk Specialist	SIH Health Information
Matt Leverage	Director of Health Education	Jackson County Health Department
Olusoji Ibukun	Community Health Graduate Assistant	SIH Community Benefits
Sarah Miller	Clinical Case Management Coordinator	Shawnee Health
Susie O'Neill	System Clinical Service Line Director, Oncology Services	SIH Cancer Institute
Tanya Quertermous	Director of Case Mgmt. & Interpreter Services	SIH Case Management
Tarah Cranick	Physician Assistant at Memorial Hospital of Carbondale and Herrin Hospital	SIH Medical Group
Terri Robertson	Manager	SIH Health Information
Tonica Anderson	Quality & Cancer Pre-registry Manager	SIH Cancer Institute
Woody Thorne	Chief Development Executive	SIH Community Affairs

# Acknowledgements

## Behavioral Health (Mental Health & Substance Misuse)

Name	Job Title	Agency/Facility
Abby Krummel	Manager, Case Management	SIH Memorial Hospital of Carbondale
Alexis Daun	Community Health Graduate Assistant	SIH Community Benefits
Amy Lampley	RN Case Manager, Emergency Services at Harrisburg Medical Center	SIH Harrisburg Medical Center Mulberry Center
Amy Stevens	Behavioral Health Nurse Leader	SIH Harrisburg Medical Center Behavioral Health
Angie Bailey	Director for Community Health	SIH Community Benefits
Cathy Harte	Regional Practice Director	SIH Population Health
Cherie Wright	School Health Coordinator, SIH Community Benefits	SIH Community Benefits
Constance Steele	Supervisor, Physician Practice	SIH Behavioral Health
Cortney Meyer	Administrative Assistant	SIH Behavioral Health
Dave Toulcou	Behavioral Health Program Manager	SIH Behavioral Health
Debi Johnson	Director of Health Education	Franklin-Williamson Bi-County Health Dept.
Dr. Naeem Qureshi	Medical Director, SIH Behavioral Health	SIH Harrisburg Medical Center
Emma Rea	Administrative Assistant	SIH Community Benefits
Fatoumata Saidou Hangadoumbo	Community Health Coordinator	SIH Community Benefits
Jeff Franklin	Executive Director, System Director	SIU School of Medicine Center for Rural Health and Social Service Development, SIU Institute of Rural Health
Jennifer Robertson	Director	Carbondale Public Library
Katie Unthank	Director of Health Education	Egyptian Health Department
Kitty Juul	Director	SIU School of Medicine-Center for Rural Health and Social Service Development
Laterriea Martin	Police Mental Health Advocate	Carbondale Police Dept
Laura Herzog	System Director, Behavioral Health	SIH Behavioral Health
Matt Leversee	Director of Health Education	Jackson County Health Department
Melanie Sanders	Director, Emergency Svc. and Patient Log.	SIH System Emergency Services
Olusoji Ibukun	Community Health Graduate Assistant	SIH Community Benefits
Rachael Hamburger	Manager, Case Management	SIH St. Joseph Memorial Hospital and Herrin Hospital
Rodney Smith	VP/Administrator	SIH Harrisburg Medical Center and Herrin Hospital
Stacy Knight	RN Manager, Psychiatric Unit at Harrisburg Medical Center	SIH Harrisburg Medical Center Behavioral Health
Stephanie Duckworth	Community Service Unit Director	Centerstone
Tanya Quertermous	Director of Case Management & Interpreter Services	SIH Case Management
Tarah Cranick	Physician Assistant at Memorial Hospital of Carbondale and Herrin Hospital	SIH Medical Group
Tera Lannom	Nurse Executive	SIH Harrisburg Medical Center
Woody Thorne	Chief Development Executive	SIH Community Affairs

# Acknowledgements

Chronic Disease (Prevention, Management & Treatment)		
Name	Job Title	Agency/Facility
Alexis Daun	Community Health Graduate Assistant	SIH Community Benefits
Angie Bailey	Director for Community Health	SIH Community Benefits
Cherie Wright	School Health Coordinator, SIH Community Benefits	SIH Community Benefits
Debi Johnson	Director of Health Education	Franklin-Williamson Bi-County Health Dept.
Emma Rea	Administrative Assistant	SIH Community Benefits
Fatoumata Saidou Hangadoumbo	Community Health Coordinator	SIH Community Benefits
Katie Unthank	Director of Health Education	Egyptian Health Department
Kimberly Scott-Pilkington	Health Educator	Egyptian Health Department
Kristen Matthews	Project Coordinator, Illinois Delta Network	SIU School of Medicine-Center for Rural Health and Social Service Development
Laurie Sylvester	CHF RN Cardiac Management Center	SIH Cardiac Management Center
Lisa Nation	Diabetes Care Manager, NP	Diabetes Care Manager, NP
Liz Cooley - Questelle	Extension Educator, SNAP-Education	University of Illinois Extension
Lynette Torres	Director of Clinical Operations	Director of Clinical Operations
Matt Leversee	Director of Health Education	Jackson County Health Department
Nancy Caskey	Assoc. Dir. of Clinical Risk Mgmt. and QI	Shawnee Health Service
Natalie Sawyer	Director of Health Education	Southern Seven Health Department
Olusoji Ibukun	Community Health Graduate Assistant	SIH Community Benefits
Samantha Sullivan	Health Educator	Jackson County Health Department
Tarah Cranick	Physician Assistant at Memorial Hospital of Carbondale and Herrin Hospital	SIH Medical Group
Toni Kay Wright	Extension Educator, SNAP-Education	University of Illinois Extension
Woody Thorne	Chief Development Executive	SIH Community Affairs

**GOALS, INITIATIVES AND PROGAMS**



**REPORTABLE METRICS AND ANTICIPATED IMPACT**



**COLLABORATION WITH COMMUNITY PARTNERS**





## Acknowledgements

SIH would also like to thank leaders from the following community organizations who participated in focus groups, interviews and completed surveys to provide valuable information to be used in this assessment. 53 of the 90 key stakeholders who completed the online survey chose to remain anonymous.

- Carbondale Public Library
- Centerstone
- City of Carbondale
- Community Health Education and Services, Inc.
- Egyptian Area Agency on Aging
- Egyptian Health Department
- First Christian Church Carbondale
- Franklin-Williamson Bi-County Health Department
- Hathor Doula Services / The Little Resource Center Carbondale
- Haven House Marion
- Hospice of Southern Illinois
- Jackson County Health Department
- John A. Logan College - Childcare Resource & Referral
- Jonesboro Elementary School
- Just Serve Volunteer
- KDMS Consultants
- Legence Bank
- MmmBODY
- NAACP Carbondale Branch
- Orthopedic Institute of Southern Illinois
- Pediatric Group LLC
- Perry County Health Department
- Pinckneyville Consolidated High School District
- Pinckneyville Community High School
- Sesser-Valier High School
- Shawnee Health
- SI Now
- SIH Behavioral Health
- SIH Community Affairs
- SIH Community Benefits
- SIH Emergency Services & Patient Logistics
- SIH Foundation
- SIH Harrisburg Medical Center Mulberry Center
- SIH Herrin Hospital
- SIH Harrisburg Medical Center "
- SIH Managed Care
- SIH Materials Management
- SIH Medical Group Audiology
- SIH Medical Group Clinical Services
- SIH Memorial Hospital of Carbondale
- SIH Nursing Professional Development
- SIH Operations
- SIH Population Health
- SIH Rehabilitation Services
- SIH St. Joseph Memorial Hospital
- SIH Strategic Services
- SIH Surgical Medicine
- SIH Urgent Care & Work Care
- SIU Head Start
- SIU Medicine, Center for Rural Health and Social Service Development
- Sound Mind & Heart Christian Counseling
- Southeastern Illinois College
- Southern Illinois University School of Medicine Family Medicine
- Southern Illinois Coalition for the Homeless
- Southern Seven Health Department
- Take Action Today Recovery Community Organization (RCO)
- University of Illinois Extension
- Warehouse: The Ultimate Gym

This CHNA has been facilitated by Crowe LLP ("Crowe"). Crowe is one of the largest public accounting, consulting, and technology firms in the U.S. Crowe has significant healthcare experience including providing services to hundreds of large healthcare organizations across the country. For more information about Crowe's healthcare expertise visit [www.crowe.com/industries/healthcare](http://www.crowe.com/industries/healthcare).

Written comments regarding the health needs that have been identified in the current CHNA should be directed to [Angie.Bailey@sih.net](mailto:Angie.Bailey@sih.net).

# General Description of Southern Illinois Healthcare (continued)

## SIH Harrisburg Medical Center

SIH Harrisburg Medical Center officially joined the SIH family in August 2021 after nearly 10 years of collaboration on various clinical and operational services. Providing an array of inpatient and outpatient services, SIH Harrisburg Medical Center is a key partner in providing quality care to the regional community. This is also home to the SIH Mulberry Center, the only non-state operated inpatient mental health facility in the southern 16 counties. While SIH Harrisburg Medical Center is the easternmost hospital in the SIH health system, because of its specialized behavioral health expertise, it serves the entire system.

- 77 licensed bed acute care hospital
- 12,000+ annual ED encounters
- 24-hour Hospitalist program
- 31 beds at SIH Mulberry Center providing adult and geriatric inpatient psychiatric care
- Outpatient behavioral health program
- SIH STAT Heart activated hospital for rapid transfer of STEMI patients
- Acute Stroke Ready Hospital
- Comprehensive outpatient rehabilitation center
- Ambulatory infusion center
- Surgical services including general, ENT, GI, gynecologic, ophthalmologic and podiatry
- Modernized emergency department, surgical center and outpatient services



# General Description of Southern Illinois Healthcare (continued)

## SIH Herrin Hospital

As the longest-serving hospital in the system, SIH Herrin Hospital's reputation for attention to detail is proof of how a rural facility can provide high quality care. SIH Herrin Hospital lies approximately 10 miles to the east of Carbondale. It is well known for rehabilitation, orthopedic and emergency services, including recognition for outstanding work responding to heart attack patients.

- 114-bed acute care hospital
- Newly added da Vinci Xi® robotically assisted surgical system provides patients superior minimally invasive surgery options
- Region's first accredited Chest Pain Center
- Primary Stroke Center
- Only inpatient rehabilitation facility within 50 miles
- The Healing Garden is open to the public for relaxation and used by physical therapy patients for exercise
- SIH Joint Camp provides orthopedic services, including surgical and therapeutic care



# General Description of Southern Illinois Healthcare (continued)

## SIH Memorial Hospital of Carbondale

SIH Memorial Hospital of Carbondale is the regional leader in tertiary, high-level services for heart, brain, spine, obstetrics, cancer, trauma and robotic-assisted surgery. As the only designated Level II trauma center in Southern Illinois, SIH Memorial Hospital of Carbondale serves as the region's primary referral center. Here, patients receive care from physicians practicing across 45 specialties.

- 162-bed tertiary care hospital
- Level II Trauma Center
- High level surgical capabilities including daVinci® robotic technology
- Birthing Center delivers over 2,000 infants each year
- Region's only Level II Plus Special Care Nursery for infants with intensive care needs
- Only dedicated pediatric unit in Southern Illinois
- Home to SIH Prairie Heart Institute, specializing in medical and surgical cardiovascular care
- Center of the SIH Stroke Network and certified as a Primary Stroke Center
- Neurological care includes neurosurgery, interventional pain management and comprehensive neurology
- Teaching hospital offering on-the-job training to family medicine residents and sports medicine fellows through SIU School of Medicine
- Accredited by the Commission on Cancer for comprehensive cancer treatment



# General Description of Southern Illinois Healthcare (continued)

## SIH St. Joseph Memorial Hospital

A fixture in the Murphysboro community, SIH St. Joseph Memorial Hospital is a full-service critical access hospital. Purchased from the Sisters of the ASC Health System, SIH St. Joseph Memorial Hospital is the only SIH facility with a Catholic affiliation. Staff take pride in the hospital's spiritual roots, evident in their kind approach to patient care. SIH St. Joseph Memorial Hospital is an integral part of the SIH system, having evolved to become a regional provider of specialized outpatient services.

- 25-bed critical access hospital serving the community as an inpatient facility for primary care
- Upswing Recovery Program offers a variety of rehabilitation therapy, pain management and IV therapy
- Regional Sleep Disorders Center accredited by the American Academy of Sleep Medicine
- Acute Stroke Ready Hospital
- Offers an infusion therapy program
- Comprehensive wound care center
- Home to an outpatient geriatric counseling program
- Area leader for outpatient endoscopic procedures
- Busy Emergency Department that is part of the SIH STAT Heart Network



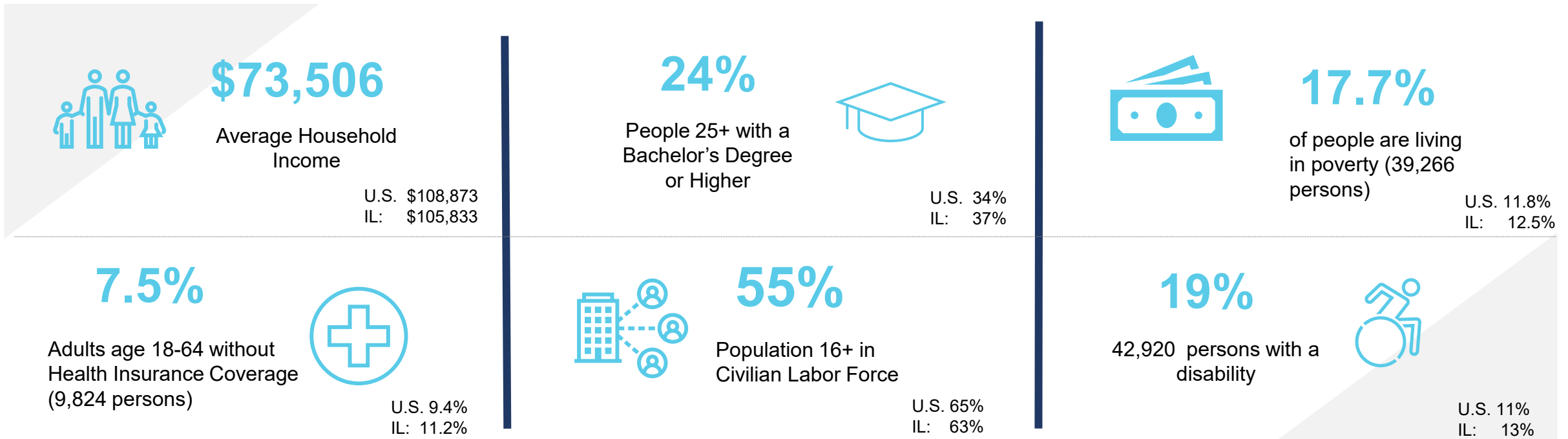
# Community Overview

Demographic Data

Service Area Definition

To understand the profile of SIH's CHNA community, the demographic and health indicator data were analyzed for the population within the defined service area. Data were analyzed for the SIH's CHNA Community consisting of Franklin, Jackson, Saline, Williamson, Johnson, Perry and Union Counties in Illinois, as well as the primary and secondary service areas. Information was also analyzed at zip code level, when available and compared to Illinois and U.S. benchmarks.

SIH's CHNA community has a total population of 233,199 according to the U.S. Census Bureau American Community Survey 2018-2022 5-year estimates. The percentage of population by combined race and ethnicity is made up of 85.9% Non-Hispanic White, 5.9% Non-Hispanic Black, 3.3% Hispanic or Latino, 1.5% Non-Hispanic Asian, and 3.4% Non-Hispanic some other race. The demographic makeup of SIH's CHNA community is as follows:



## County Health Rankings - Illinois

County Health Rankings & Roadmaps (CHR&R), a program of the University of Wisconsin Population Health Institute, draws attention to why there are differences in health within and across communities. CHR&R has compiled county snapshots of health outcomes and health factors since 2011. The snapshot indicates how a county fares relative to other counties in the state and the nation for 34 measures.

The table below summarizes each county's rates for health outcomes and health factors.

**Health Outcomes** tell us how long people live on average within a community, and how much physical and mental health people experience in a community while they are alive.

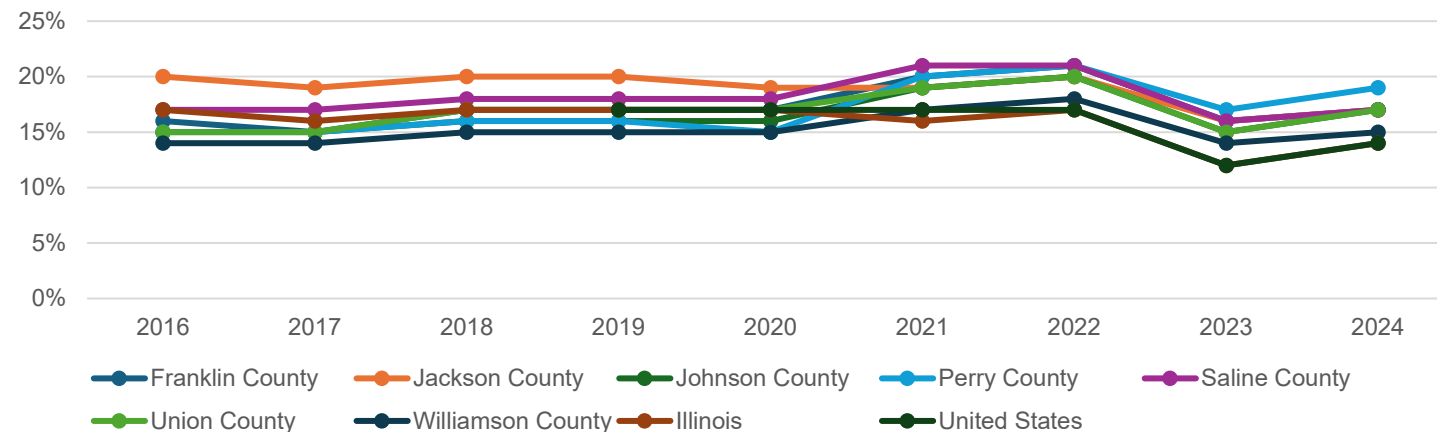
**Health Factors** represent those things we can improve to live longer and healthier lives. They are indicators of the future health of our communities.

	Franklin	Jackson	Johnson	Perry	Saline	Union	Williamson
Health Outcomes	4th	4th	3rd	3rd	4th	3rd	2nd
Health Factors	4th	3rd	4th	4th	4th	4th	2nd

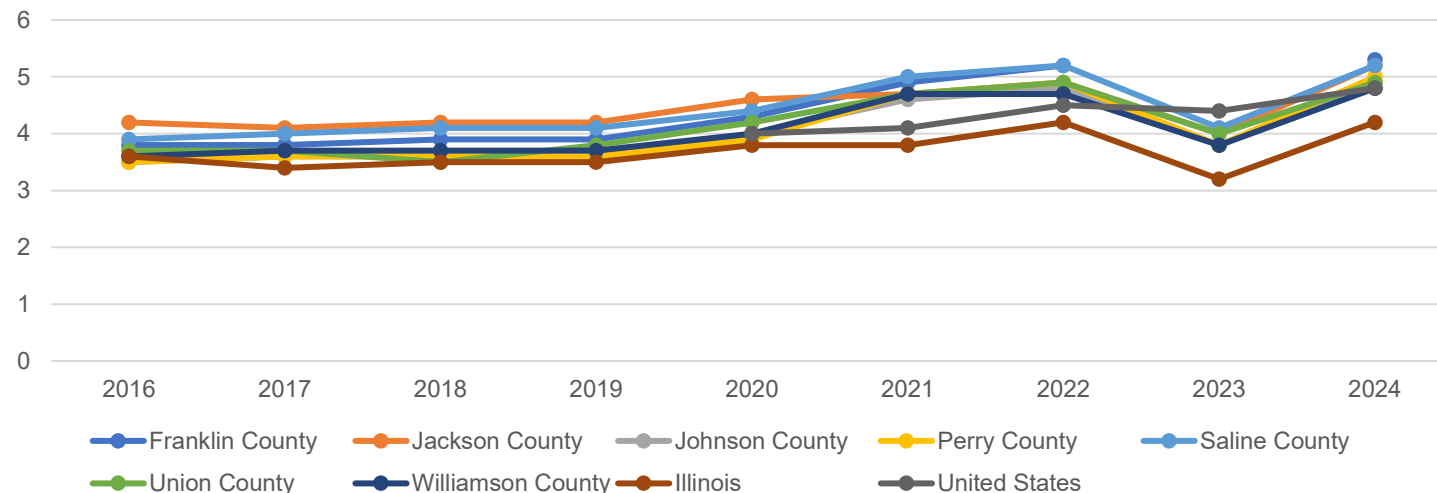
A majority of the counties are rated in the 4<sup>th</sup> quartile for health factors and most of the counties are faring worse than the average county in Illinois.

### Health Outcomes

#### Poor or Fair Health



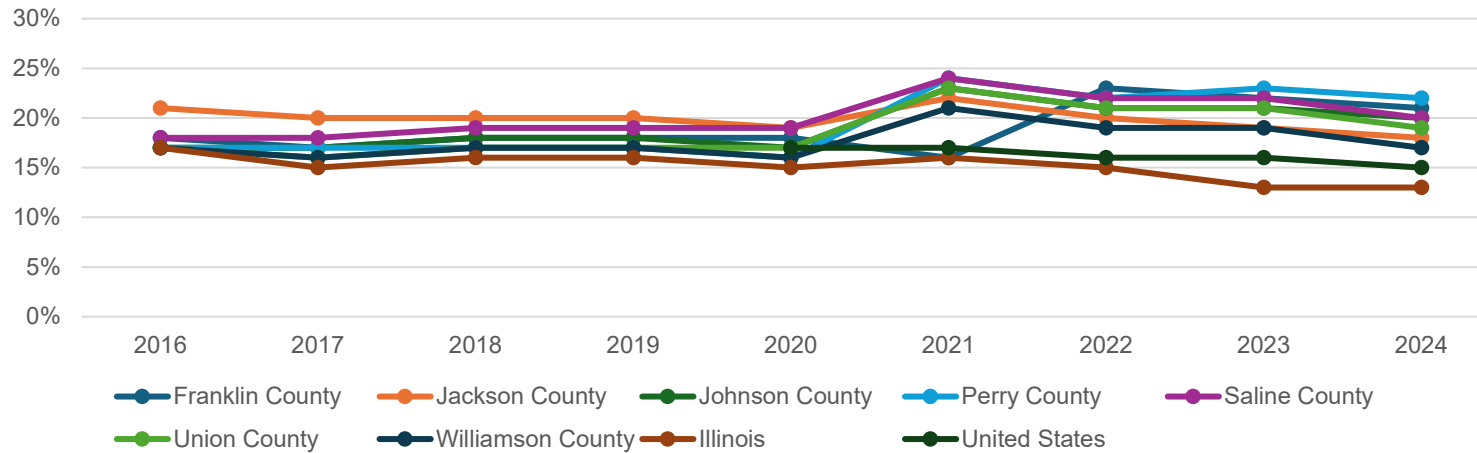
#### Poor Mental Health Days



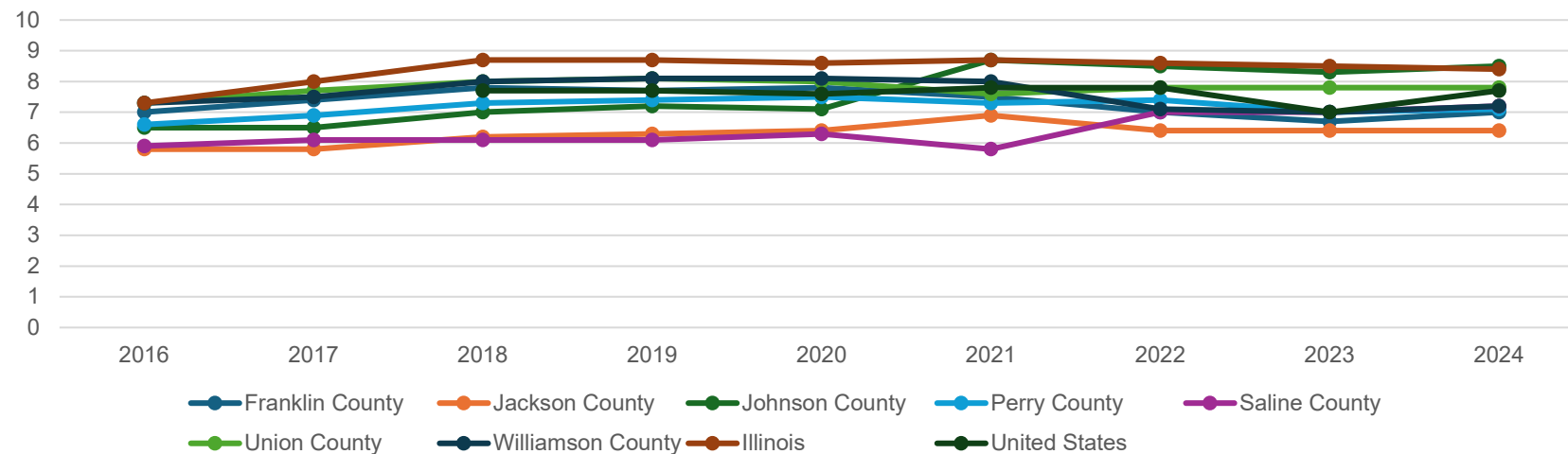
# County Health Rankings - Illinois

## Health Factors

### Adult Smoking



### Food Environment Index

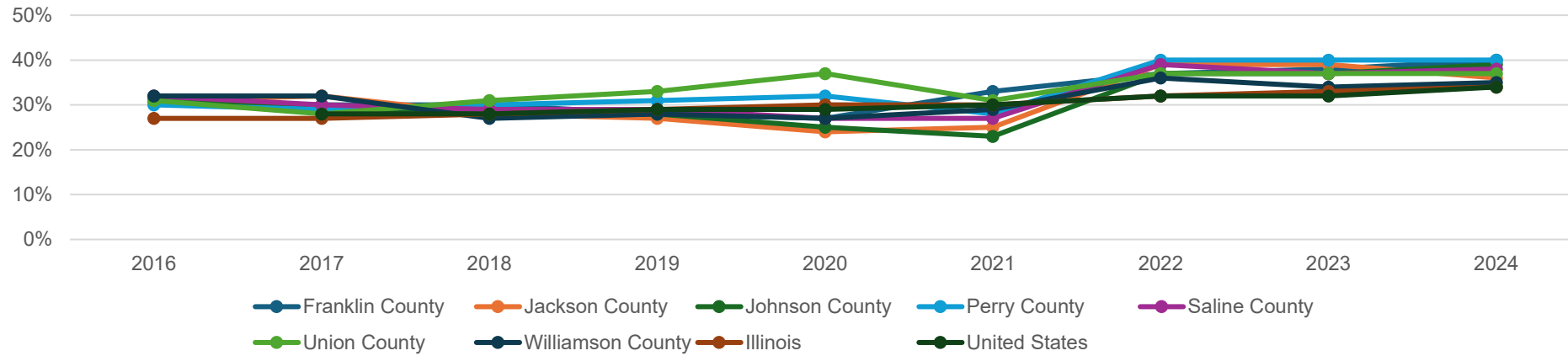




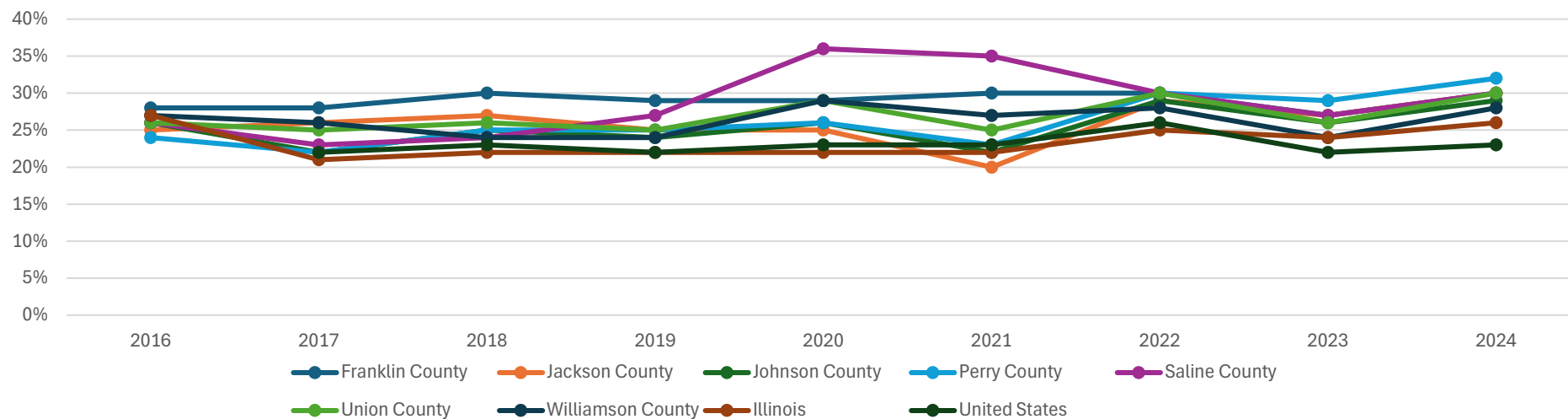
# County Health Rankings - Illinois

## Health Factors

### Adult Obesity



### Physical Inactivity



# SIH Illinois County Behavioral Risk Factor Surveys (2020-2023)\*

[Complete Summary](#)

Each year the Illinois Department of Public Health conducts a Behavioral Risk Factor Survey for each county in Illinois. Survey data is collected on a broad range of topics including demographics, health status, health care, dental care, chronic health conditions, mental health, substance use, immunizations and preventive screenings.

The table to the right presents select data from the 2020-2023 Illinois County Behavioral Risk Factor Survey for SIH's CHNA Community, SIH's Primary Service Area and the Healthy Southern Illinois Delta Network.

- The percentage of population that reports 8 or more days in the past 30 days in which mental health is not good is quite high at 24.3% for the CHNA Community. This is significantly higher than the days physical health is not good.
- A majority of residents in the CHNA Community have a personal doctor, 83.8%, and have had a routine medical checkup in the past year, 76.9%.
- Approximately 13% of the population report they have difficulty understanding information from health professionals.
- Only 41.2% of the population report having had an influenza vaccination in the past 12 months.

			CHNA Community	SIH Primary Service Area	Healthy Southern Illinois Delta Network
<b>H E A L T H</b>	General Health Status	Excellent	16.2%	17.1%	16.0%
		Very Good	33.9%	33.2%	32.4%
		Good	32.3%	32.6%	32.6%
		Fair or Poor	12.1%	12.2%	13.6%
		Poor	5.4%	5.0%	5.4%
<b>S T A T U S</b>	Number of Days Physical Health Not Good	None	61.4%	60.4%	61.3%
		1-7 Days	22.1%	23.3%	21.9%
		8+ Days	16.5%	16.3%	16.8%
<b>S T A T U S</b>	Number of Days Mental Health Not Good	None	54.1%	52.1%	56.2%
		1-7 Days	21.6%	22.7%	20.7%
		8+ Days	24.3%	25.1%	23.1%
<b>H E A L T H</b>	Last Routine Checkup	Past Year	76.9%	75.9%	77.6%
		Past 2 Years (>1yr, <2yrs)	10.6%	10.7%	10.3%
		More than 2 Years	12.5%	13.4%	12.1%
	Have Personal Doctor	No	16.2%	16.9%	15.7%
		Yes	83.8%	83.1%	84.3%
<b>C A R E</b>	Unable to Visit Doctor Due to Cost	No	87.6%	86.8%	88.1%
		Yes	12.4%	13.2%	11.9%
<b>C A R E</b>	Could Not Fill Prescription Due to Cost	No	92.8%	93.0%	92.4%
		Yes	7.2%	7.0%	7.6%
	Currently Paying off any Medical Bills Over Time	Yes	19.0%	19.4%	18.5%
<b>C A R E</b>	Difficulty Understanding Information from Health Professionals	No	81.0%	80.6%	81.5%
		Very/Somewhat Easy	87.0%	86.4%	87.2%
<b>O T H E R</b>	Ever Told Depressive Disorder	Very/Somewhat Difficult	12.7%	13.6%	12.8%
		Yes	26.7%	27.6%	26.1%
	Has Asthma Now	No	73.3%	72.4%	73.9%
		Yes	7.9%	6.9%	9.0%
	Past 30 Days - Any Marijuana/Cannabis Use	No	92.1%	93.1%	91.0%
Yes		83.7%	82.4%	83.7%	
Had Influenza Vaccination in the Past 12 Months	Yes	16.3%	17.6%	16.3%	
	No	41.2%	41.5%	41.2%	
		No	58.8%	58.5%	58.8%

**CHNA Community:** Seven counties comprising SIH's primary and secondary service areas: Franklin, Jackson, Johnson, Perry, Saline, Union and Williamson Counties in Illinois.

**SIH Primary Service Area:** Four counties comprising SIH's primary service area: Franklin, Jackson, Saline and Williamson County in Illinois.

**Healthy Southern Illinois Delta Network:** The 16 counties comprising the southern third of the state of Illinois, including the following counties: Alexander, Franklin, Gallatin, Hamilton, Hardin, Jackson, Johnson, Massac, Perry, Pope, Pulaski, Randolph, Saline, Union, White, Williamson Counties.

\* See Appendix B for complete summary of SIH Illinois County Behavioral Risk Factor Surveys.

## Access to Services

Limited access to care presents barriers to good health. The supply and accessibility of facilities and physicians affect access. As shown below, the rate of healthcare providers within SIH Health's CHNA community is consistent with state and national rates with rates generally being higher in SIH's primary service area. A high percentage of adults, 76.6%, had a routine checkup in the past year.

Approximately 45% of the population live in rural areas where access to primary care is limited. 40.4% of the population is living in an area affected by a shortage of primary care physicians\*.

**Data Tables**

**Service Area Definition**

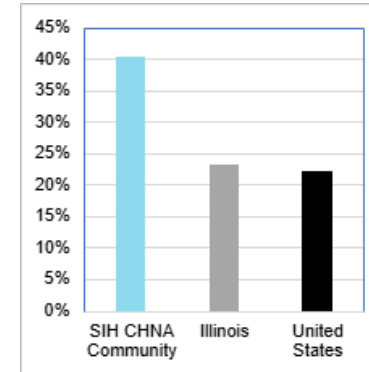
76.6%



of adults over age 18 had a routine checkup in the past year.\*

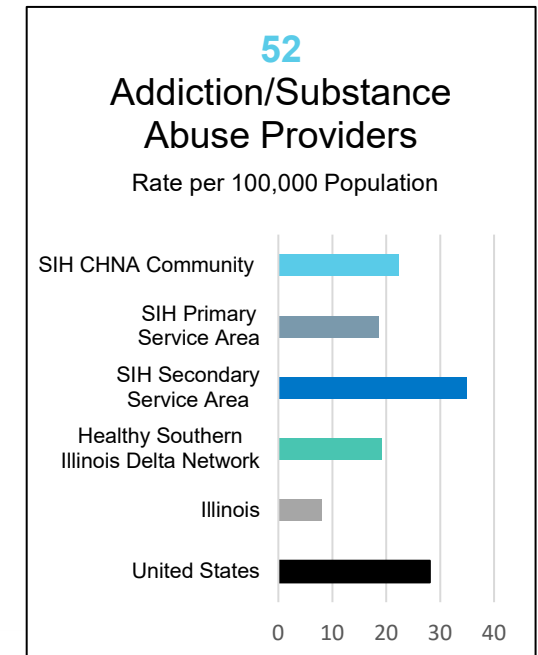
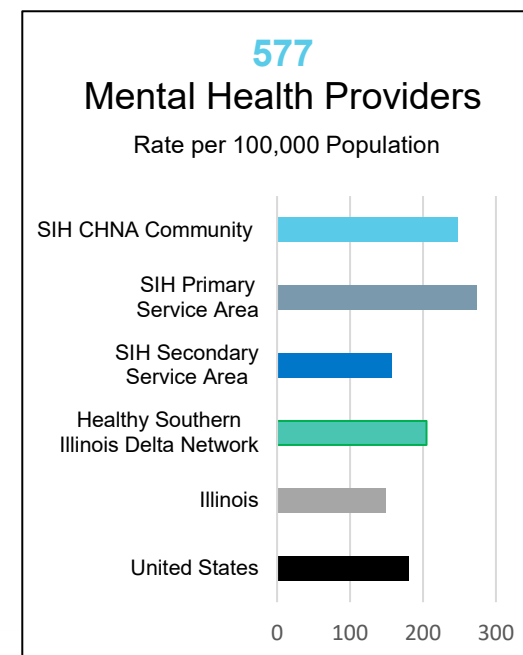
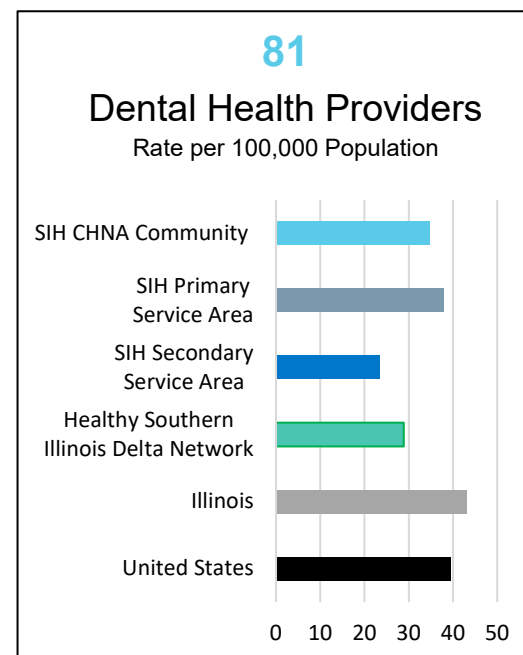
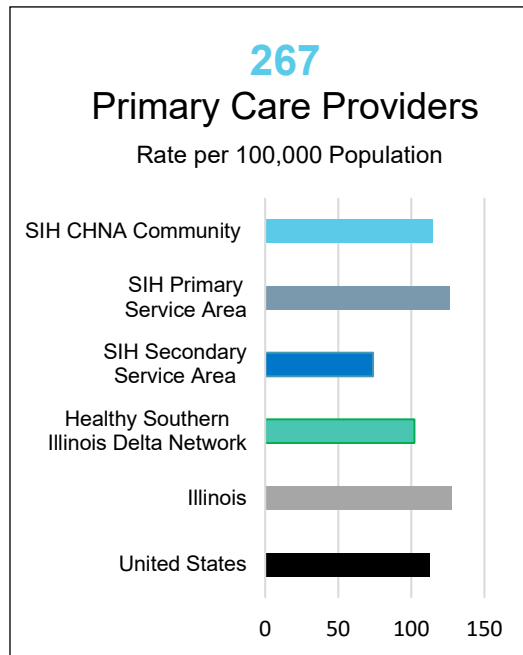
\*Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System- 2022.

40.4%



population living in an area affected by a shortage of Primary Care Physicians\*

\*US Dept of HHS, HRSA, HP Shortage Areas Database, 2024



## Clinical Preventive Services

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.

Cancer screenings, such as screenings for colon, cervical and breast cancer are lower for the CHNA community compared to state and national benchmarks with rates being 5% to 7% lower for the CHNA community compared to national rates.

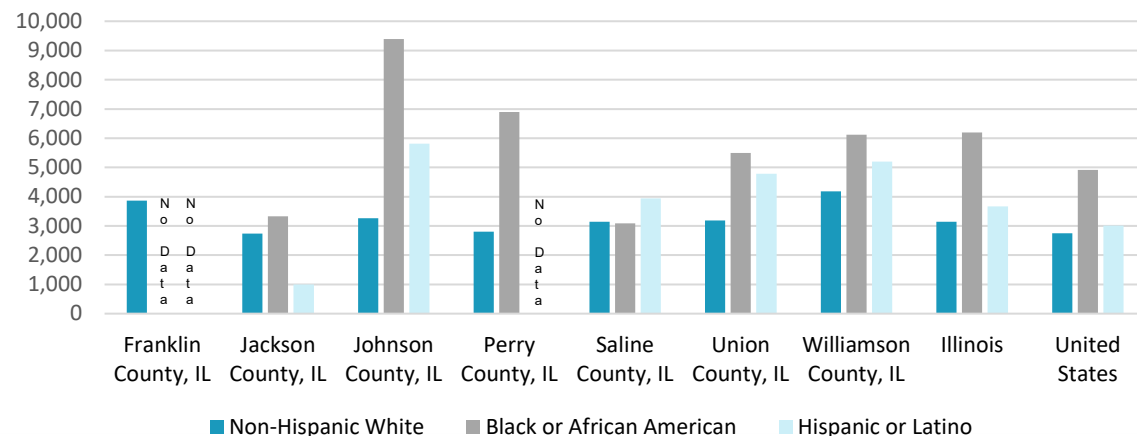


**37.1%** of women 65+ in the community are up-to-date with core preventative services compared to the national benchmark of 37.9%.

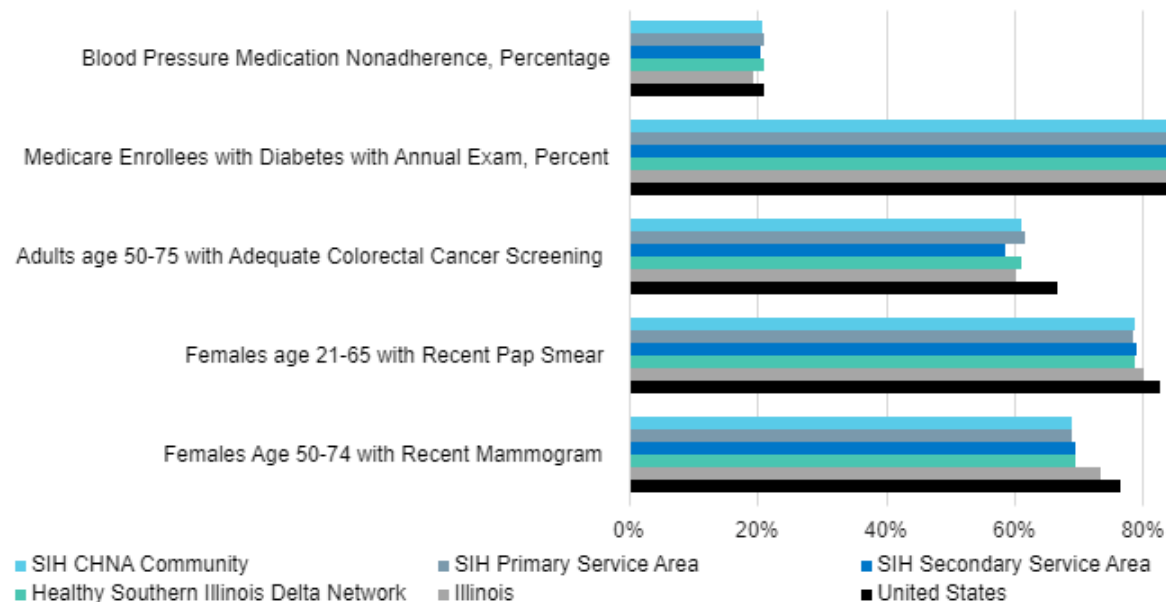


**42.4%** of men 65+ in the community are up-to-date with core preventative services compared to the national benchmark of 43.7%.

## Preventable Hospitalization Rate by Race and Ethnicity (Rate per 100,000 Medicare Beneficiaries)



## Preventative Services (Crude Rate)



Preventable hospitalizations include hospital admissions among Medicare beneficiaries for one or more of the following conditions: diabetes with short-term complications, diabetes with long-term complications, uncontrolled diabetes without complications, diabetes with lower-extremity amputation, chronic obstructive pulmonary disease, asthma, hypertension, heart failure, bacterial pneumonia, or urinary tract infection.

- The rate for preventable hospitalizations in SIH Health's CHNA Community is unfavorable to state and national rates, but has significantly improved since 2018.
- Preventable hospitalizations for SIH Health's CHNA Community are generally higher for Black or African American populations. The highest rate of preventable hospitalizations is for the Black or African American population in Johnson County which is almost triple the rate for the Non-Hispanic White population in the county.

## Health Outcomes & Mortality

SIH's CHNA community has a significant number of adults who have been diagnosed with chronic illnesses. The prevalence of chronic diseases in the SIH Health community is unfavorable to state and national percentages. Over 37% of the population, 83,166 adults, have high blood pressure. Over 70% of Medicare beneficiaries have been diagnosed with 2 or more chronic conditions.

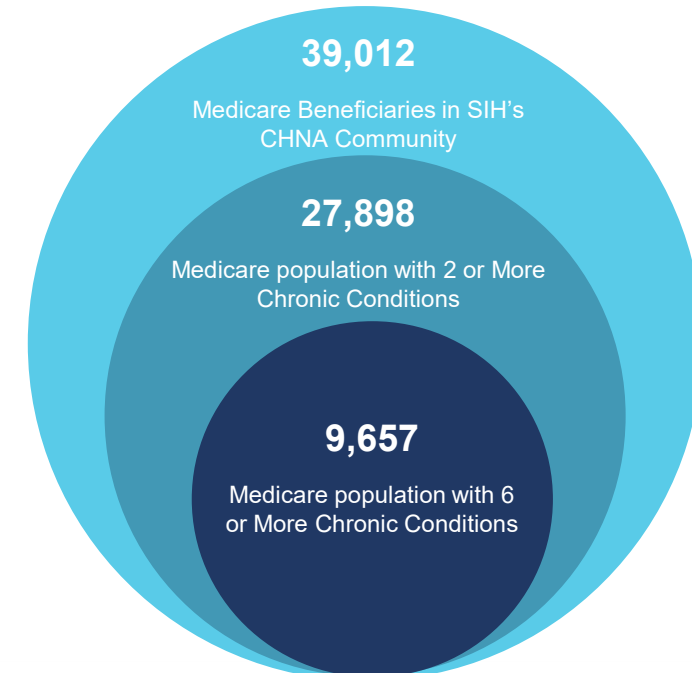
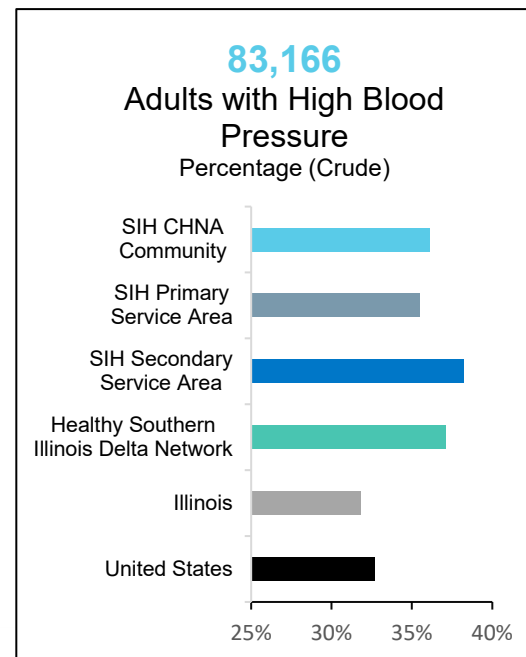
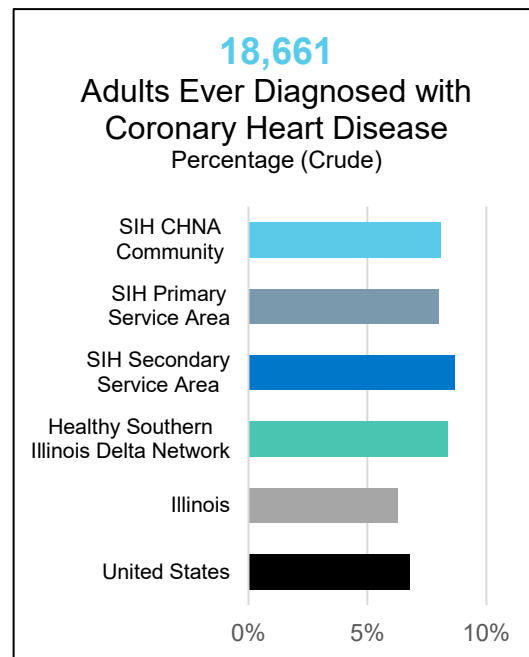
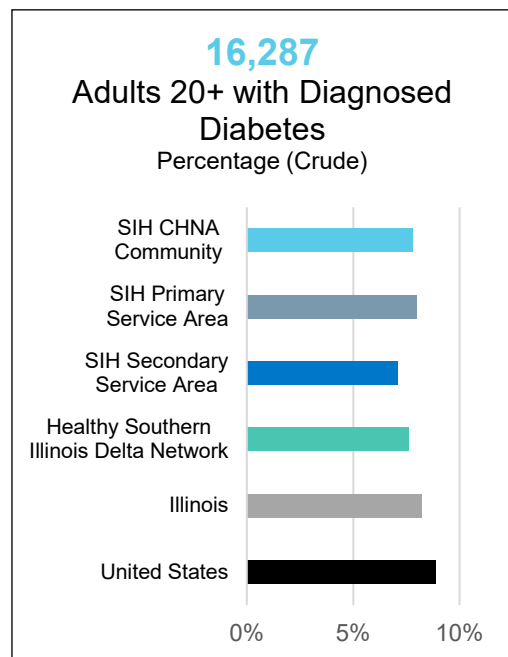
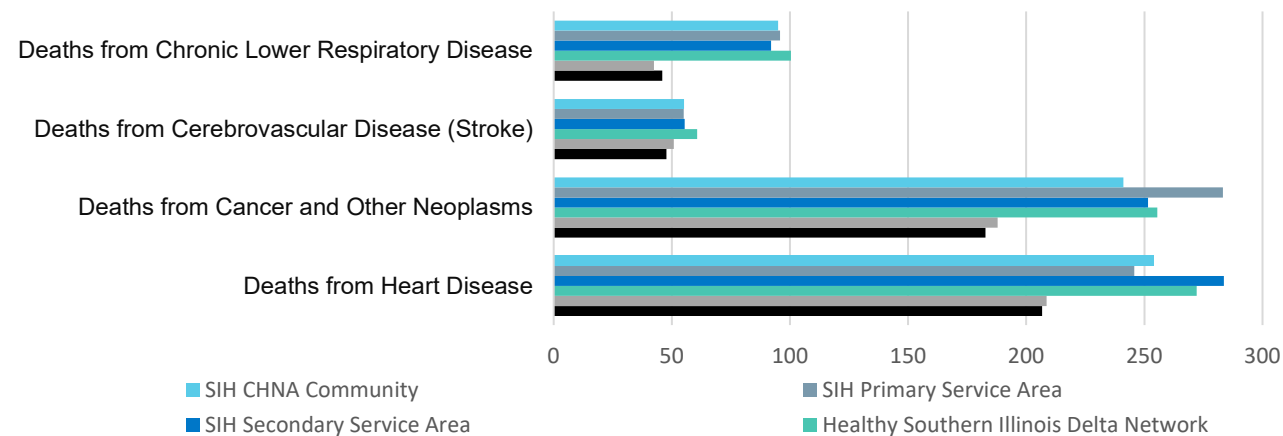
Coronary heart disease, cancer, lung disease and stroke are leading causes of death in the United States. Adjusted death rates for the CHNA community are very unfavorable, compared to state and national rates.

Data Tables

Service Area Definition

## Leading Causes of Death

Crude Death Rate (Per 100,000 Population)



\*Centers for Medicaid and Medicare Services. 2018.

# Injury and Violence

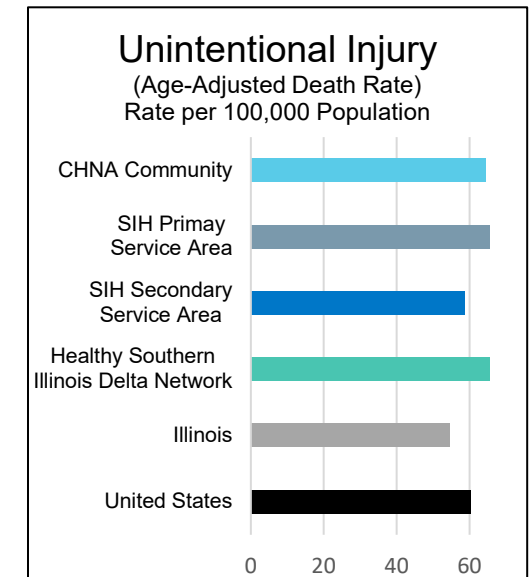
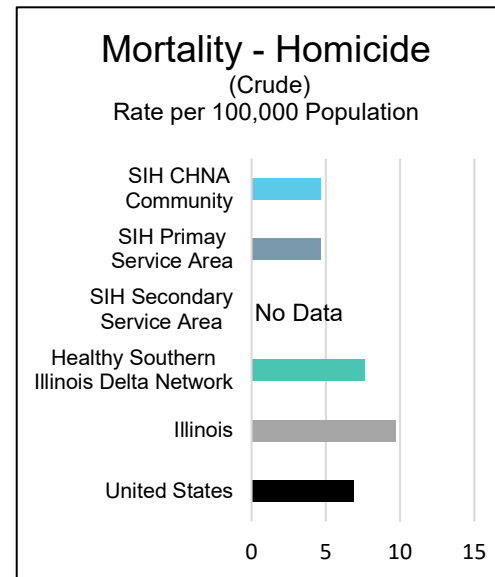
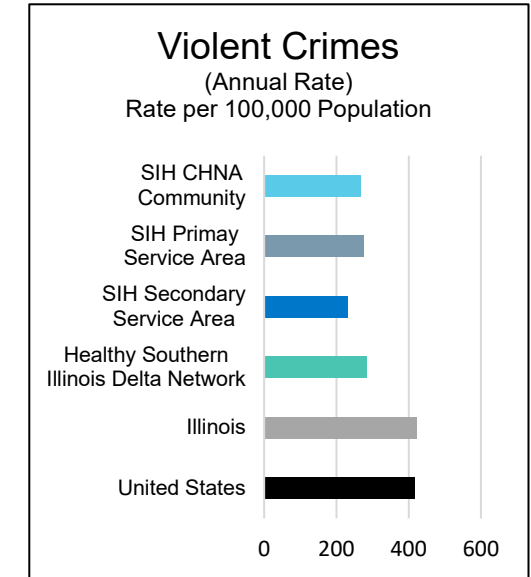
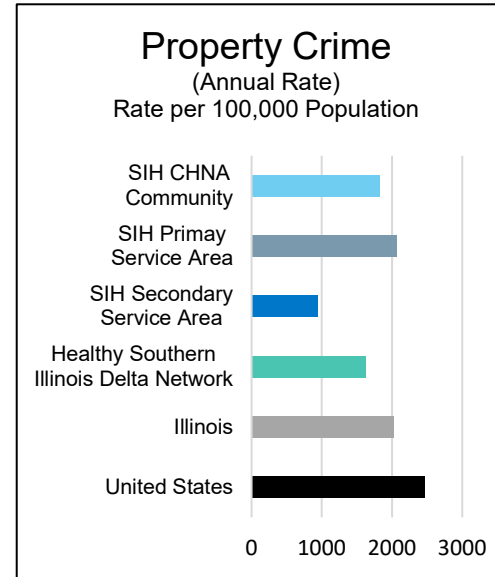
Crime rates, including violent crimes and property crimes, in the SIH Health's CHNA community are favorable compared to state and national rates.

The rate for unintentional injury (accident) for the CHNA community is higher than state and national benchmarks. This indicator is relevant because accidents are a leading cause of death in the United States.

The 2024 Illinois Youth Survey shows that bullying is pervasive in 8<sup>th</sup> to 12<sup>th</sup> grades with the highest rates occurring in 8<sup>th</sup> grade.

[Data Tables](#)

[Service Area Definition](#)



**ILLINOIS YOUTH SURVEY**

(Franklin, Williamson, Jackson, Saline, Perry, Union, and Johnson Counties)

**BULLYING EXPERIENCES: During the past 12 months, has another student at school:**

	8th	10th	12th
Bullied you by calling you names	45%	25%	19%
Threatened to hurt you	24%	17%	13%
Bullied you by hitting, punching, kicking, or pushing you	19%	9%	8%
Bullied, harassed, or spread rumors about you on the Internet, social media, or through text messages	33%	25%	20%
<b>Ever bullied (reported at least 1 type of bullying)</b>	<b>54%</b>	<b>34%</b>	<b>27%</b>
<b>Intensely bullied (reported all types of bullying)</b>	<b>10%</b>	<b>6%</b>	<b>6%</b>

## Maternal, Infant and Child Health

In SIH's CHNA Community, of the 49,210 total female population age 15-19, the teen birth rate is 22.8 per 1,000, which is significantly higher than the state's teen birth rate of 14.7 according to CDC - National Vital Statistics System. 2014-2020. Source geography: County.

Engaging in prenatal care decreases the likelihood of maternal and infant health risks such as low birth weight. Rates for low birth weight in are slightly unfavorable to state and national rates. 19% of women giving birth in the SIH CHNA Community had no prenatal care in the first trimester of pregnancy and there was a high rate of tobacco use during pregnancy for women giving birth in the community.

Rates for poverty among mothers of infants in the CHNA community are nearly double the national rates. 39% of mothers of infants are living in poverty. Similarly, rates for poverty among youth, ages 18 and under, are significantly higher for the CHNA community compared to state and national rates with poverty being even higher in the outlying secondary service area.

[Data Tables](#)

[Service Area Definition](#)



19%

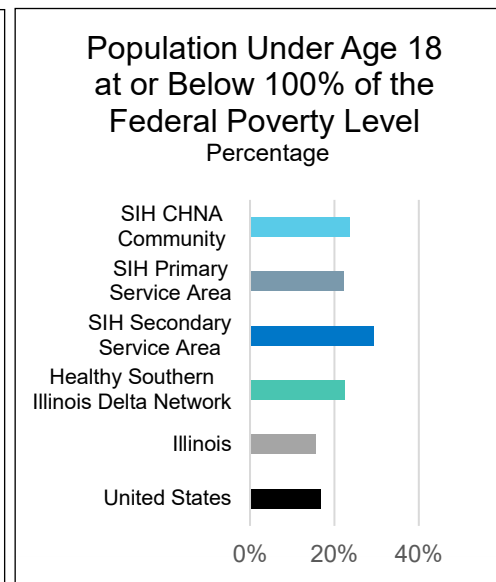
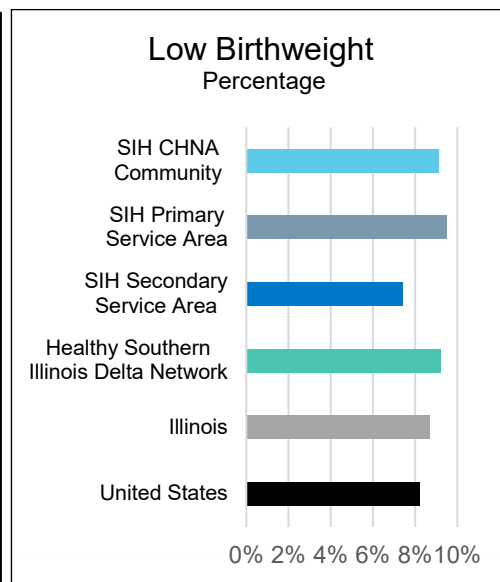
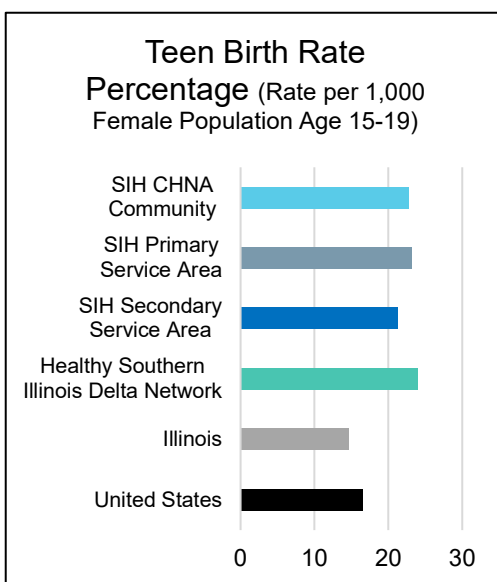
Women giving birth in the SIH CHNA Community had no prenatal care in the first trimester.



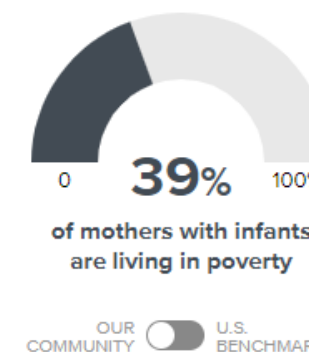
16%

Women giving birth in the SIH CHNA Community reported tobacco use during their pregnancy.

Source: Health Resources & Services Administration, HRSA – Maternal and Child Health Bureau. 2020-2022.

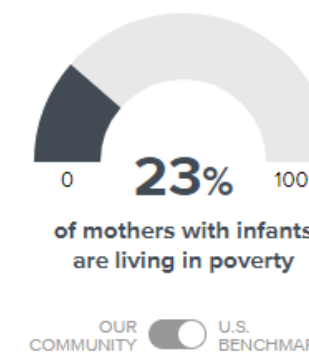


Mothers of Infants Who Are Living in Poverty  
SIH CHNA Community



Women 15-50 who gave birth last year at or below the 100% FPL in our 7-county area (ACS 2015-2019).

Mothers of Infants Who Are Living in Poverty  
U.S. Benchmark



Women 15-50 who gave birth last year at or below the 100% FPL in our 7-county area (ACS 2015-2019).

# Mental Health

According to the National Alliance on Mental Illness, 403,000 adults in Illinois have a serious mental illness and approximately 145,000 youth have depression. The Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System reported that approximately 17% of adults in SIH's CHNA Community report poor mental health in 2021.

The map to the right reports the percentage of adults (ages 18 years and older) in SIH's CHNA Community reporting 14 days or more of poor mental health per month by county. In the SIH CHNA Community, it is estimated that approximately 39,600 adults have frequent mental distress in SIH's CHNA Community. Zip codes with the highest percentage of population living with frequent mental distress are 62901, 62903, 62995, 62961, 62924, 62915 and 62896.

[Data Tables](#) [Service Area Definition](#)



**1 in 20 U.S. adults** experience serious mental illness each year.

In Illinois, **403,000 adults** have a serious mental illness.



**1 in 6 U.S. youth** aged 6–17 experience a mental health disorder each year.

**145,000 Illinoisans** age 12–17 have depression.

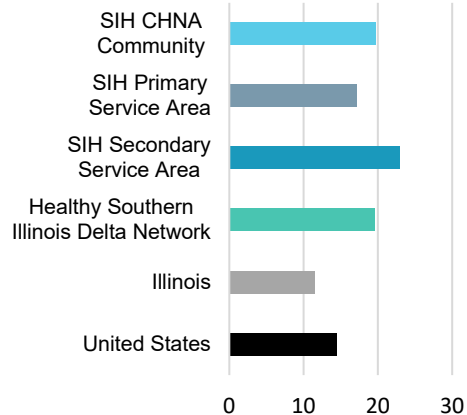
**61.8% of Illinoisans** age 12–17 who have depression **did not receive any care** in the last year.



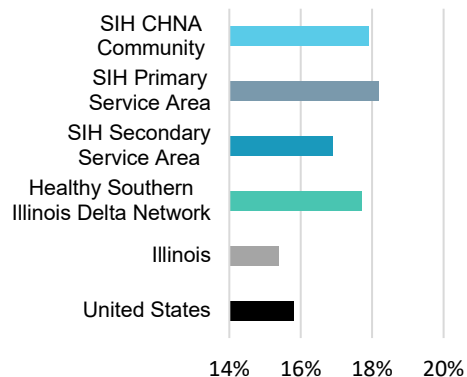
**10,431 people** in Illinois are homeless and **1 in 5** live with a serious mental illness.

## Mortality-Suicide

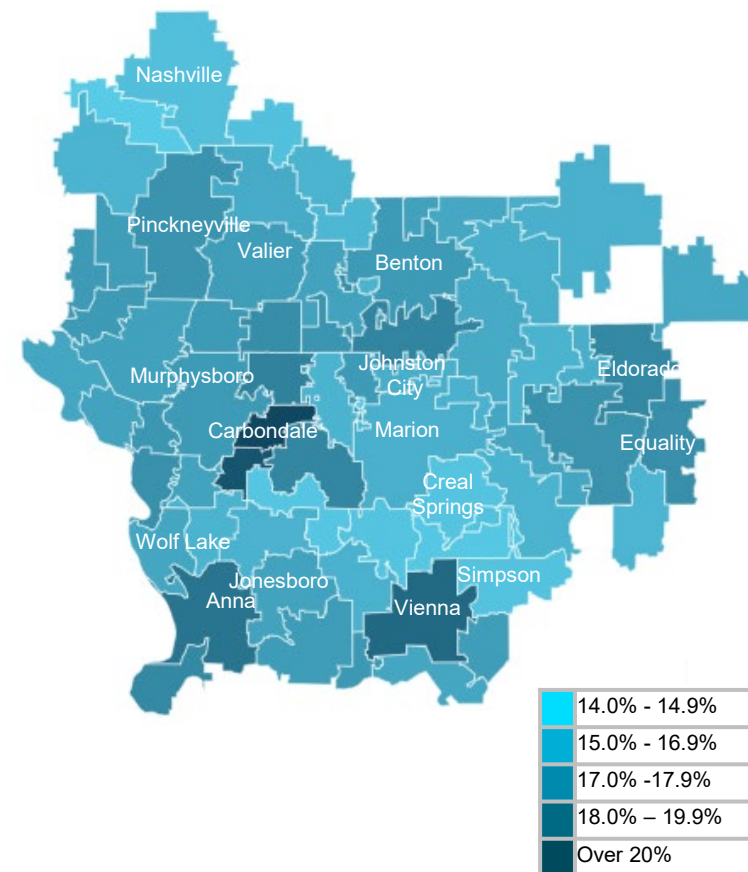
Rate per 100,000 Population



## Adults with Poor Mental Health (Crude)



## Frequent Mental Distress



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



## Nutrition, Physical Activity and Obesity

Healthy diets and physical activity contribute to healthy lifestyles and overall well-being. These factors are relevant because current behaviors are determinants of future health and well-being and these indicators may be linked to significant health issues, such as obesity and poor cardiovascular health.

- Nearly 13% of the population (29,940 persons) live with food insecurity in SIH's CHNA Community.
- 35,276 persons, or 19.9% of adults, are obese in SIH's CHNA Community. Obesity rates in Illinois have increased significantly over the last 15 years.
- 15.9% of adults, age 20 and older, self-report no active leisure time physical activity. This is lower than the national rate of 19.5%.
- 72.4% of the residents in SIH's CHNA Community have access to exercise opportunities, which is lower than the state and national benchmarks which are 91.0% and 84.1% respectively.
- In Illinois, 14.7% of youth ages 10 to 17 have obesity, giving Illinois a ranking of 16 among the 50 states and D.C.

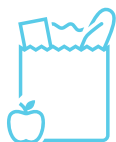
The map to the right depicts the food insecurity prevalence by locality for persons with low income. The following zip codes report over 60% of persons with low income also have low food access: 62819, 62825, 62891, 62841, 62966, 62874, 62934, 62942, 62950, 62975, 62940, 62948. Over 9,500 persons with low income also have low food access in these 12 zip codes.


[Data Tables](#)

[Service Area Definition](#)

**29,940**

Food Insecure Population



**35,276**

Adults with BMI>30 (Obese)



### Childhood Obesity

In Illinois, 14.7% of youth ages 10 to 17 have obesity, giving Illinois a ranking of 16 among the 50 states and D.C.



**14.7%**

Youth ages 10 to 17 are obese



**46%**

High Computer Usage

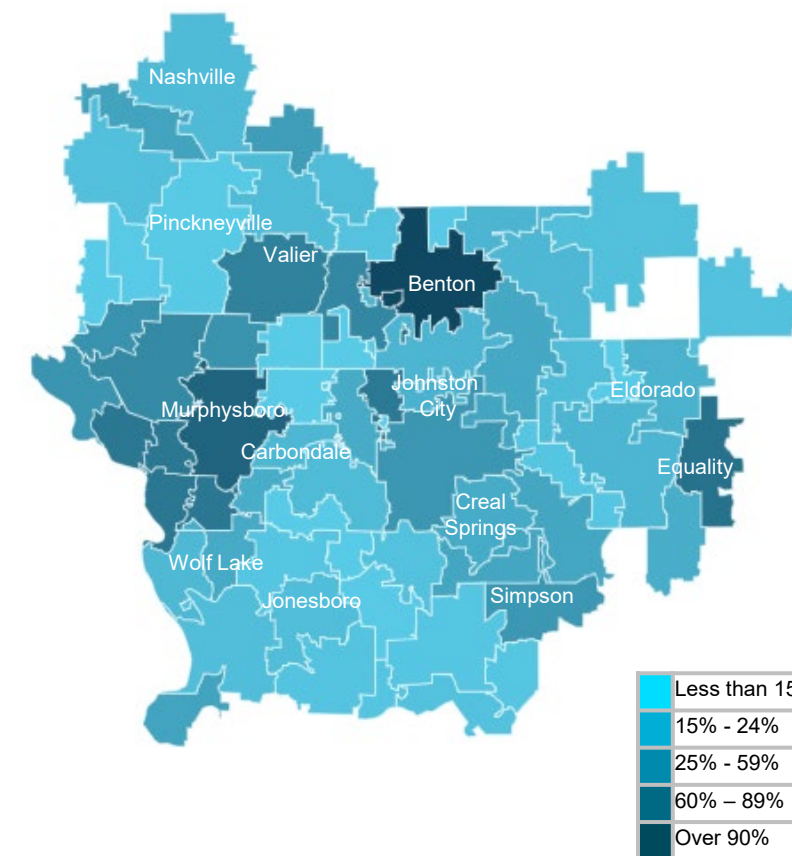


**26%**

Physically active at least 60 minutes

Source: <https://stateofchildhoodobesity.org/state-data/?state=il>

### Percentage of Low-Income Population with Low Food Access



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

## Physical Environment

The structure of housing and families and the condition and quality of housing units and residential neighborhoods are important because housing issues like overcrowding and affordability have been linked to multiple health outcomes, including infectious disease, injuries, and mental disorders.

Within SIH's CHNA Community, 24,503 households, or 25.2% of households, have housing costs that are 30% or more of the total household income and are classified as "cost-burdened households."

A large number of seniors in the community, age 65+, live alone. This is important because older adults who live alone may have challenges accessing basic needs, including health needs.

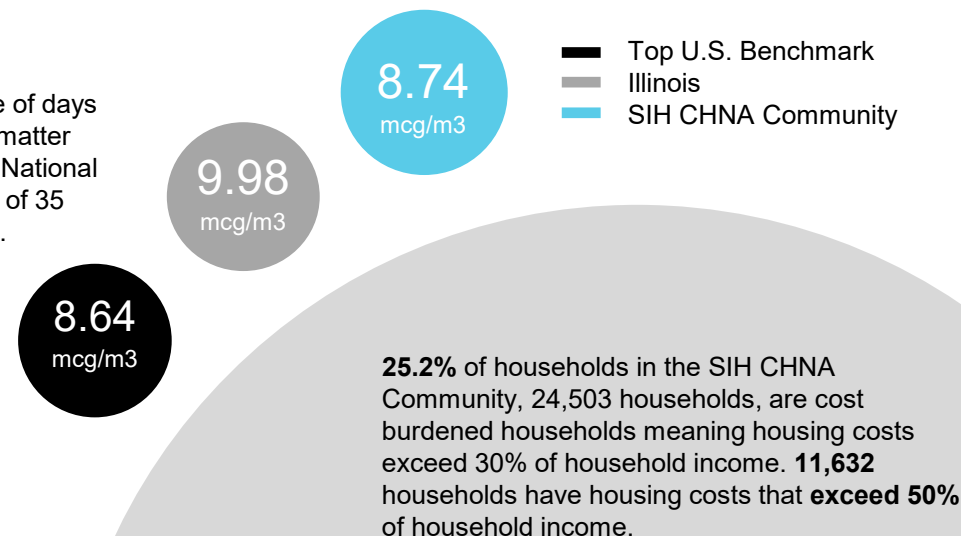
[Data Tables](#)



[Service Area Definition](#)

### Air Pollution-Fine Particulate Matter

Air pollution is the percentage of days per year with fine particulate matter 2.5 (PM2.5) levels above the National Ambient Air Quality Standard of 35 micrograms per cubic meter.

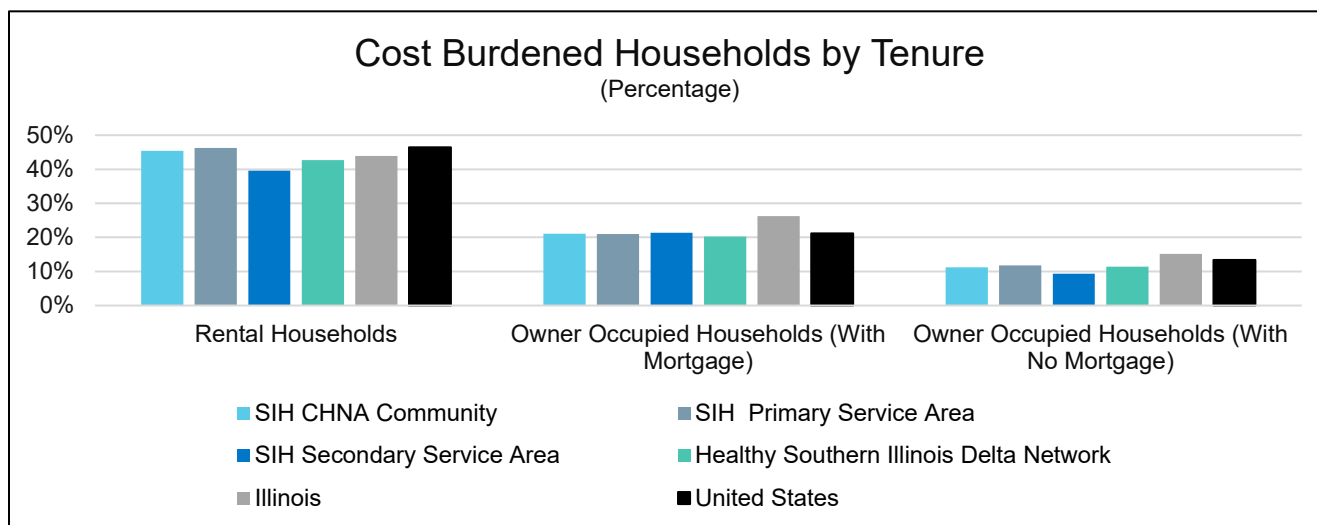


- Top U.S. Benchmark
- Illinois
- SIH CHNA Community

It is estimated that **18.4%** of households (17,859 households) within the community have no or slow internet.

**25%** of housing units have one or more substandard conditions.

**14,614 Seniors**, 45% of household with seniors (age 65+), live alone.



# Substance Use Disorder

The percentage of adults in the SIH CHNA Community who currently smoke is 19.1% and is significantly higher than state and national benchmarks. This indicator is relevant because tobacco use is linked to leading causes of death, such as cancer and cardiovascular disease.

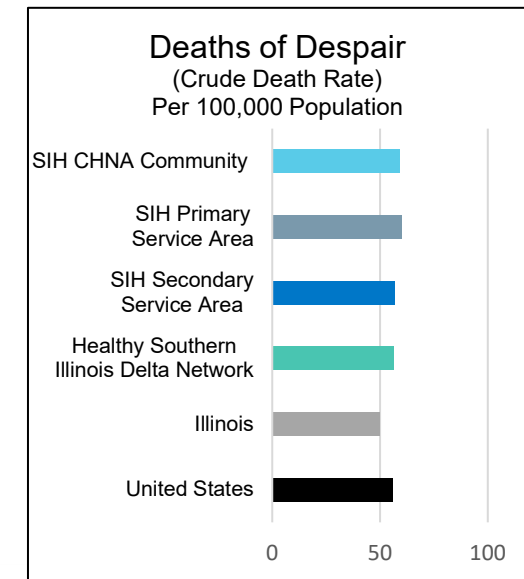
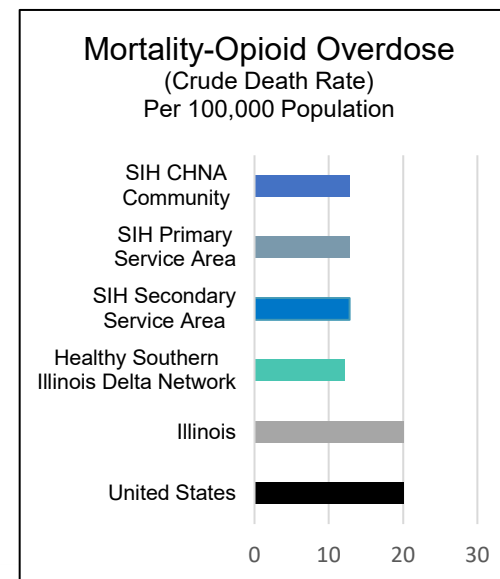
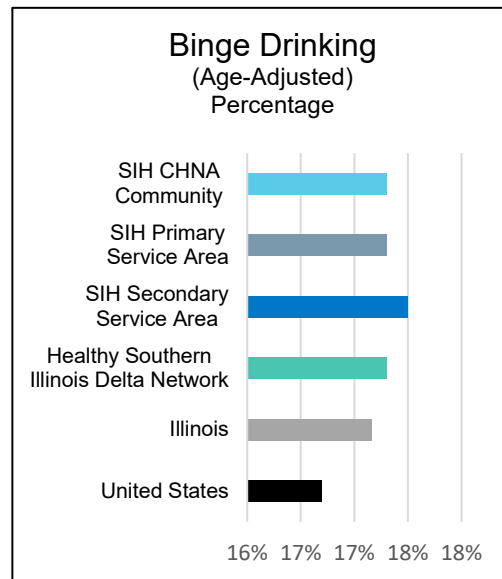
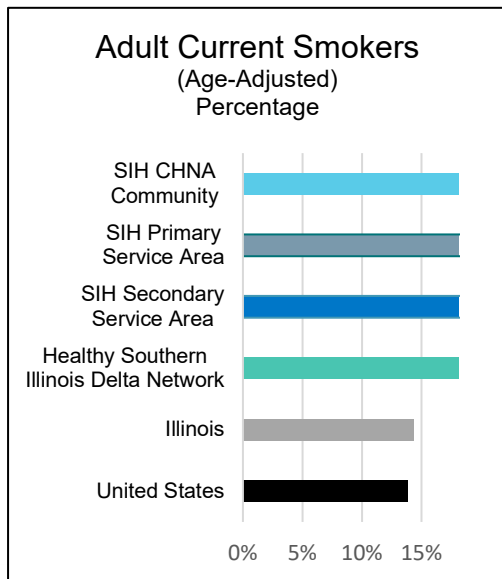
According to the Illinois Youth Survey for the SIH primary and secondary service areas shows the percentage of students who drink alcohol, use tobacco products and other drugs increases from 8<sup>th</sup> to 12<sup>th</sup> grade with 21% of 12<sup>th</sup> graders reporting using alcohol within the last 30 days. E-cigarettes or other vaping products are also widely used with 17% of 12<sup>th</sup> graders reporting the use of vaping products within the last 30 days.

Deaths of despair include deaths due to intentional self-harm (suicide), alcohol-related disease, and drug overdose. The rate for deaths of despair in SIH's CHNA Community is unfavorable to state and national benchmarks.

[Data Tables](#)   [Service Area Definition](#)

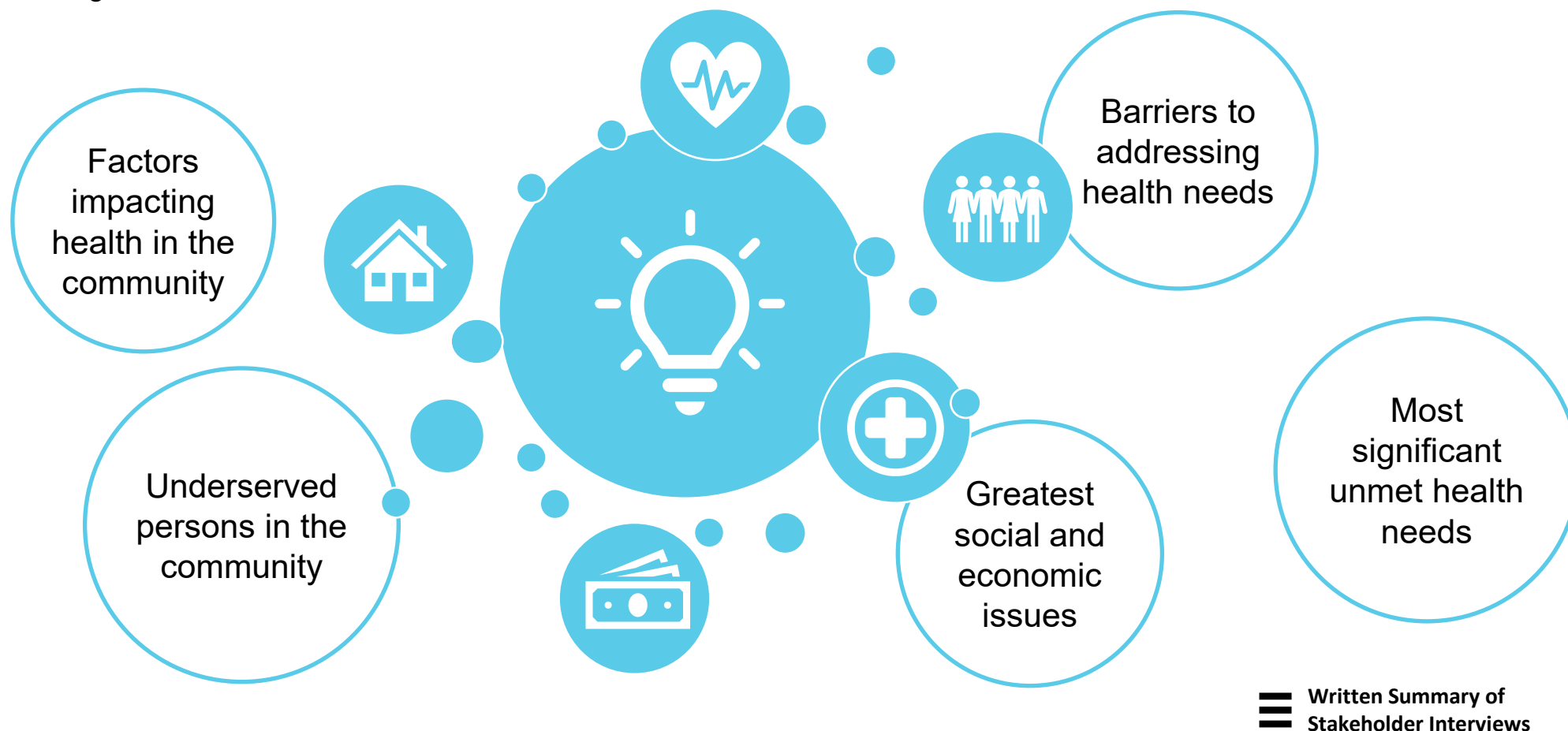


Substance Used	8th Grade	10th Grade	12th Grade
<b>Used Past 30 Days</b>			
Alcohol	12%	13%	21%
Any tobacco products OR e-cigarettes or other vaping products	9%	12%	19%
Cigarettes*	3%	3%	4%
Smokeless tobacco	3%	4%	6%
Smoked tobacco (other than cigarettes)	3%	4%	6%
E-cigarettes or other vaping products	8%	11%	17%
Marijuana	4%	8%	11%
Prescription drugs not prescribed to you	1%	1%	1%
# of Respondents	848	858	684

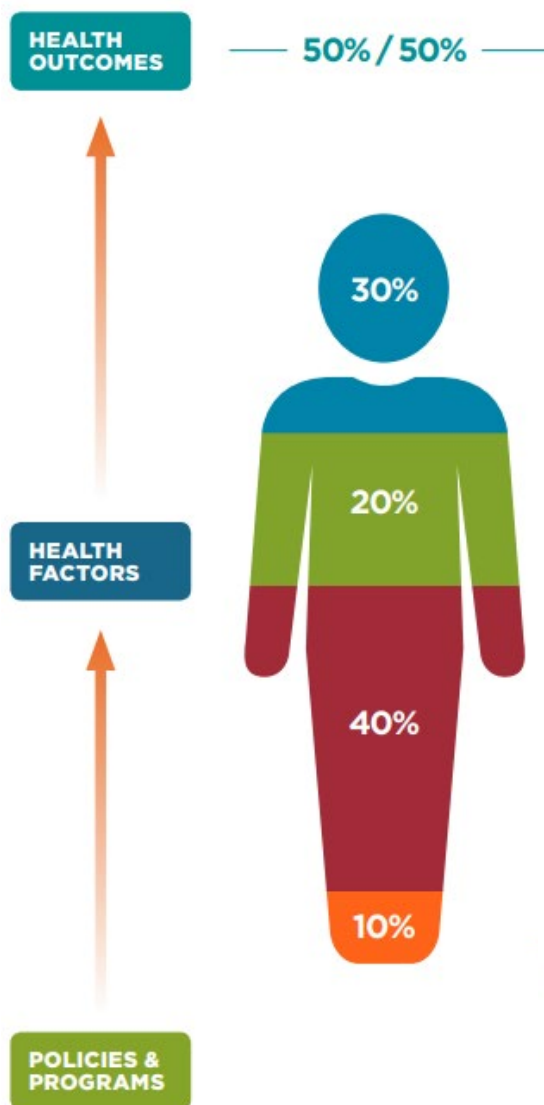


## Focus Groups and Key Stakeholder Interviews

Focus groups and key stakeholder interviews were conducted with 37 participants representing public health, major employers, public schools, social services, SIH, and representatives from underserved communities through three focus groups. Focus groups were conducted on May 21, 2024 and key stakeholder interviews were conducted between June 4<sup>th</sup> and June 12<sup>th</sup>. Focus groups and key stakeholder interviews explored multiple areas to identify significant health needs of the community as well as potential ways to address identified needs including the areas below.



## Focus Groups and Key Stakeholder Interviews



### Factors Impacting Health in the SIH CHNA Community



- Individuals Are in Survival Mode. Health is Less of a Priority.
- Substance Misuse
- Inability to Navigate Health Resources and Challenges with Scheduling Appointments (Process and Technology)
- Negative Impacts (Post-COVID) Increase in Persons with Mental Health Issues, Isolation, Increase in Violence and Fear
- High Smoking Rates



- Difficulty in Getting Medical Appointments (Difficulty in Understanding Technology, Processes and Steps/Long Wait Times)
- Complexity in Navigating Healthcare Systems
- Significant Increase in Collaboration Among Community Agencies to Develop Initiatives Aimed at Improving Health
- Lack of Specialty Providers
- Shortage of Dentists
- Lack of Understanding of Insurance Plans and/or Public Benefits
- Significant Shortage of Mental Health/Substance Abuse Providers and Resources
- Increased Community Outreach by SIH
- Challenges with Medical and Dental Providers Not Accepting Medicaid
- Lack of OB/GYN and Maternal Health Services in Rural Areas of the Community



- Lack of Transportation Resources/Public Transportation
- Persistent Poverty/Growing Gap in Income Disparities
- High Poverty Rate
- Limited Employment Opportunities/Workforce Incompatibility
- Homelessness
- Malnourishment/Food Insecurity (Especially in Elderly Population)



- Lack of Public Transportation
- Lack of Availability of Reliable Internet, Specifically in Rural Areas
- Lack of Affordable Housing
- Lack of Affordable Childcare
- Access to Healthy Foods

Written Summary of Stakeholder Interviews

## Focus Groups and Key Stakeholder Interviews - Most Critical Health Issues in the Community

### Behavioral Health

- Increased demand for mental health services
- Lack of mental health/substance abuse professionals
- Cost of mental health care
- Substance use
- Significant increase serious mental health issues among youth

### Poverty and Social Drivers of Health

- High rates of poverty and low-income households
- Food insecurity
- Lack of affordable housing

### Access to Healthcare; Navigating the Healthcare System

- Insufficient number of specialty providers
- Inability to obtain health resources due to complexity health system
- Lack of comprehensive health and long-term care options
- Disparities in healthcare based on where you live
- Lack of affordable health care

### Transportation

- Lack of transportation resources

### Health Literacy

- Lack of knowledge around healthy living and preventative care
- Prevention and management of chronic health conditions

### Identification of Most Underserved Populations

- People who are low-income, uninsured / underinsured, or homeless
- People with serious mental illness / behavioral health issues
- Minority populations
- Immigrants, undocumented workers and individuals who are not U.S. residents
- Lesbian, Gay, Bisexual, Transgender, Queer, Intersex, and Asexual (including youth)
- Persons Using Drugs
- Elderly populations
- People with disabilities
- Adolescents

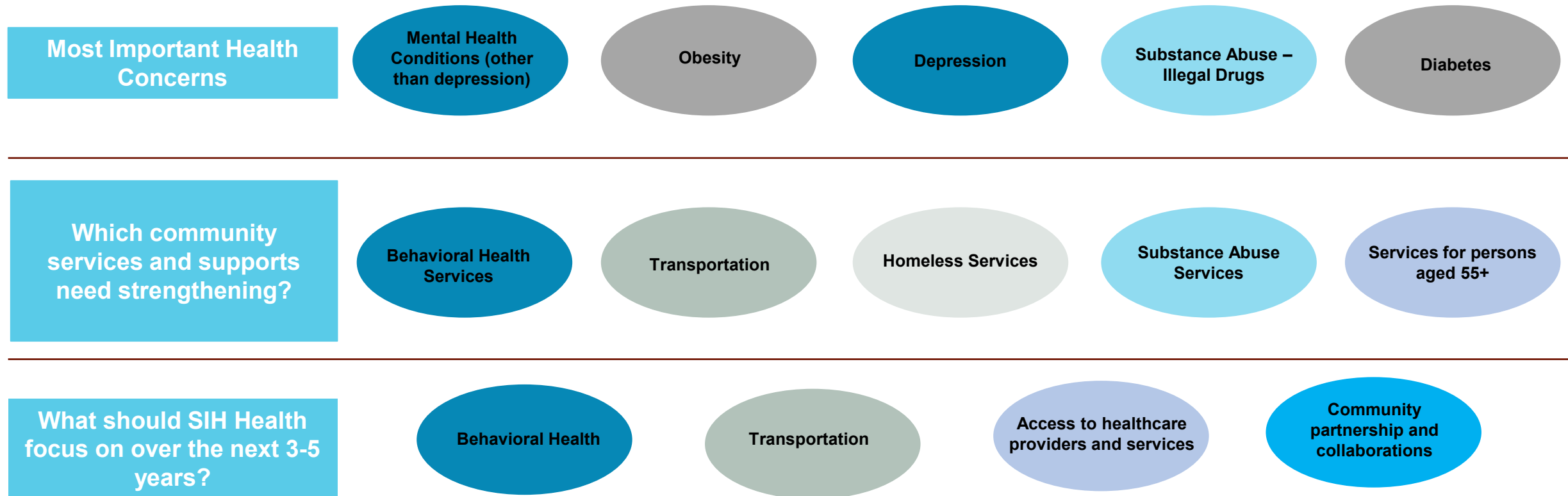
### Barriers to Improving Health in the Community

- Transportation
- Poverty
- Food Insecurity
- Accessible Health Services
- Stigma (Mental Health/Poverty)
- Language and Cultural Barriers for Emerging Populations
- Technology
- Complexity of Healthcare System
- Lack of Health Literacy/Life Skills
- Lack of Diversity Among Healthcare Providers

## Key Stakeholder Survey

Representatives from public health, public schools, local government officials, social services, neighborhood groups and various non-profit organizations participated in a key stakeholder survey. A link to the survey was distributed via e-mail to community stakeholders with a total of 90 stakeholders completing the survey.

 [Link to Key Stakeholder Survey Summary](#)



## Key Stakeholder Survey

### What structures, policies and practices are either promoting or hindering access to services and support?

#### Lack of Transportation

- The SIH CHNA community has limited access to public transportation, unreliable bus schedules and poor road conditions.
- There are limited transportation options to Jackson county from outlying counties. Options, such as Uber and LYFT are generally unavailable.
- Multiple bus transfers combined with long wait times and a shortage of providers exacerbates the problem.
- Long distances between small communities and the larger communities with health services is a barrier to obtaining healthcare due to cost and time.
- It is challenging to navigate the transportation systems without assistance.

#### Access to Health Services

- There is very limited access to public transportation in the community.
- There is a shortage of healthcare providers in specialty fields such as urology, mental health, for rheumatoid arthritis, and for LGBTQIA+ individuals within the CHNA community
- The turnover of physicians has limited the availability of specialty services, and the lack of Medicaid coverage is a hindrance to pediatric services.

#### Social Determinants of Health

- There is very limited affordable housing. Housing costs are too high.
- The high cost of housing leads to an increase in homelessness, and there is a lack of homeless shelters, which further compounds issues.
- The lack of housing stability and food insecurity affect everything else in the lives of persons in the community.

#### Stigma Surrounding Mental Health and Substance Abuse

- Stigma creates barriers for individuals accessing the help they need due to fear of judgement or discrimination in social and professional lives.
- The intersectionality of identities for individuals belonging to multiple marginalized groups may face additional layers of discrimination.
- Stigma, coupled with a lack of mental health services in the community, multiplies the number of individuals not receiving the mental health and substance abuse services they need.

### What should SIH Address over the next three to five years?

Key stakeholders were asked to recommend the most important issue that SIH should address over the next three to five years. The most frequently recommended focus areas are listed below.



- Focus on addressing behavioral health needs of youth, adults and older adults. Provide additional mental health support.



- Transportation



- Access to healthcare providers and services



- Community partnership and collaborations

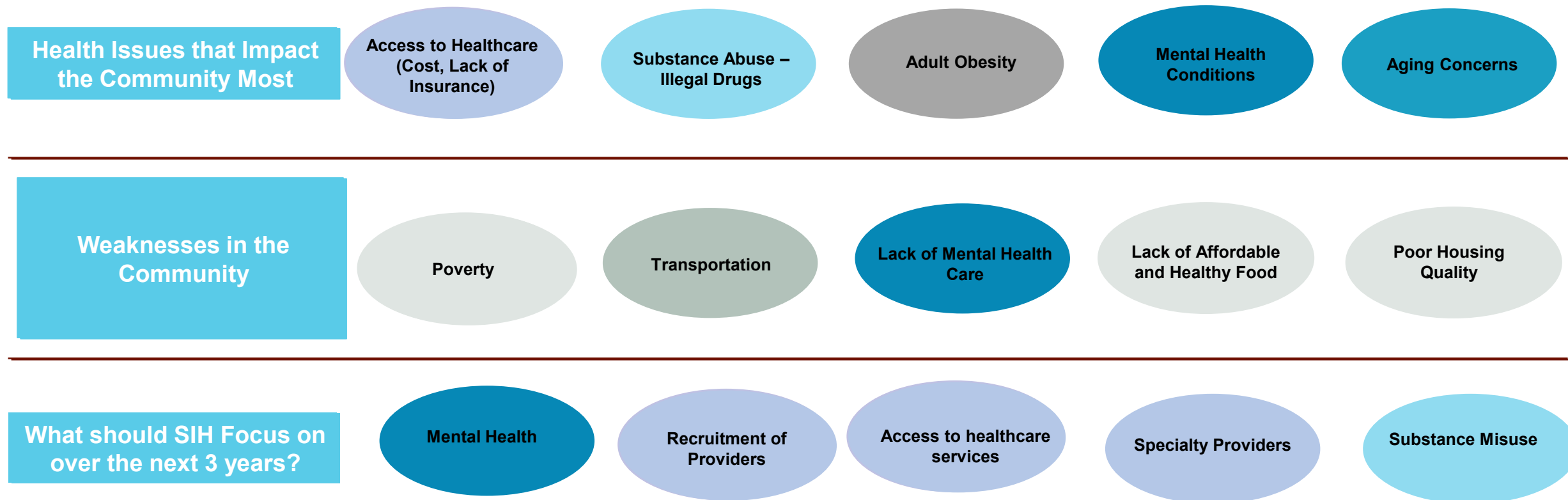
 [Link to Key Stakeholder](#)  
 [Survey Summary](#)



## Community Survey

[Link to Community Survey Summary](#)

In order to develop a broad understanding of community health needs, SIH conducted a community survey during June, July and August of 2024. A link to the survey was distributed through the Healthy Southern Illinois Delta Network (HSIDN), a 400+ member coalition working to improve health in Southern Illinois, SIH Patient and Family Advisory Council, homeless shelters, NAACP, food pantries and faith communities. The survey was also promoted through social media, flyers at community events and was shared on the SIH web-site. The survey was also translated into Spanish and shared as Spanish mass, to local orchards that employ Spanish speaking individuals, and through the Southern Illinois Migrant Council and many others. A total of 613 surveys were completed.



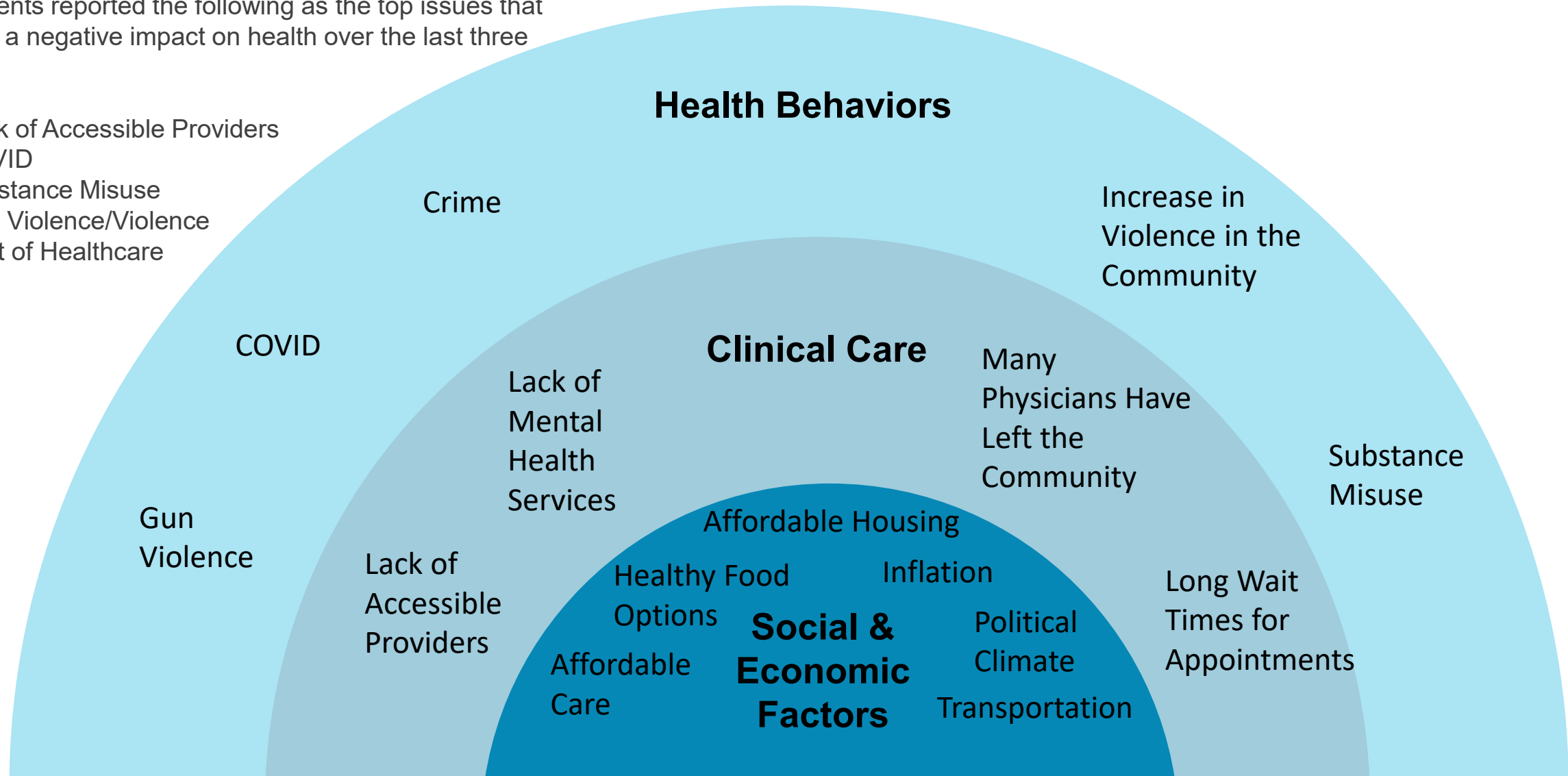
# Community Survey

[Link to Community Survey Summary](#)

## What has had a Negative Impact on the health of the community over the last three years?

Respondents reported the following as the top issues that have had a negative impact on health over the last three years.

1. Lack of Accessible Providers
2. COVID
3. Substance Misuse
4. Gun Violence/Violence
5. Cost of Healthcare



## Crosswalk of Health Improvement Plans

In addition to primary and secondary data collected for this CHNA, health improvement plans of various other organizations summarized below were reviewed to identify health needs and targeted focus areas where collaboration may provide increased impact. A detailed summary of the crosswalk is available in [Appendix I](#).



# Evaluation of the Impact of Actions Taken Since the Last CHNA

## Social Determinants of Health-access to care, hunger/food access, housing and poverty

**Priority:**

- Improve access to care by efficiently providing outreach services to our most vulnerable populations in community settings

Objectives	Strategies/Measures to Be Tracked	Progress to Meeting Goal
<p><b>Breakthrough Objective</b></p> <ul style="list-style-type: none"> <li>• Reduce health disparities among the most vulnerable in our area, i.e., those who are homeless, food insecure, and unable to receive needed medical screenings and treatment.</li> </ul> <p><b>Annual Objective</b></p> <ul style="list-style-type: none"> <li>• Increase screening, outreach, and medical treatment among vulnerable populations.</li> </ul>	<ul style="list-style-type: none"> <li>• Outreach and Screening in Targeted Communities - Increase the proportion of adults who obtain recommended evidence-based preventive health care and screenings. Reduce the proportion of people living in poverty through increased connections to community resources.</li> </ul>	<ul style="list-style-type: none"> <li>• 23 screening/outreach events held in conjunction with community partners and faith communities.</li> <li>• 279 people screened and approximately 150 additional individuals provided resource information.</li> <li>• 100% of those screened were provided with referrals/connections to resources.</li> </ul>
	<ul style="list-style-type: none"> <li>• Homeless Outreach</li> </ul>	<ul style="list-style-type: none"> <li>• SIH patients are screened for housing insecurity and provided resources and connected to local agencies, as needed.</li> <li>• SIH staff refer patients to Southern IL Coalition (SICH) for the Homeless and meet with SICH quarterly to increase coordination.</li> <li>• Funding provided to local homeless shelters.</li> <li>• One SIH hospital provides “survivor kits” to those in need.</li> </ul>
	<ul style="list-style-type: none"> <li>• Training to Increase Awareness and Reduce Stigma and Unconscious Bias.</li> </ul>	<ul style="list-style-type: none"> <li>• Three trainings offered.</li> <li>• 184 community partners and SIH staff trained</li> </ul>

As of 9.30.24

# Evaluation of the Impact of Actions Taken Since the Last CHNA

## Behavioral Health-mental health and substance misuse

### Priorities:

- Achieve care coordination in the region among those who provide behavioral health treatment and intervention.
- Increase awareness and reduce stigma related to behavioral health (substance misuse and mental health).

Objectives	Strategies/Measures to Be Tracked	Progress to Meeting Goal
<p><b>Breakthrough Objectives</b></p> <ul style="list-style-type: none"> <li>• Achieve care coordination in the region among those who provide behavioral health treatment and intervention.</li> <li>• Ensure those in need of treatment for behavioral health services (substance misuse and mental health) will be cared for in a quality, safe, stigma free manner.</li> </ul>	<ul style="list-style-type: none"> <li>• Narcan Distribution and Harm Reduction - Improve access to care by efficiently providing outreach services to our most vulnerable populations in community settings</li> </ul>	<ul style="list-style-type: none"> <li>• 1,514 Narcan kits distributed throughout Southern IL and 1,189 people trained. Kits are distributed through 4 ED's and 22 clinics.</li> <li>• Disposed of 2,821.65 lbs. of unused medications.</li> </ul>
<p><b>Annual Objective</b></p> <ul style="list-style-type: none"> <li>• Improve behavioral health care coordination resulting in a reduction in suicide deaths and a reduction in length of stay for Emergency Department visits.</li> </ul>	<ul style="list-style-type: none"> <li>• Crisis Intervention Team - Optimize behavioral health care coordination and treatment</li> </ul>	<ul style="list-style-type: none"> <li>• A Crisis Committee has been developed in conjunction with Carbondale Police Dept., Jackson Co. Courts, and community partners with 63 individuals assisted.</li> <li>• Crisis Assessment form provided for 146 individuals to SIH MHC by CPD.</li> </ul>
	<ul style="list-style-type: none"> <li>• Mental Health First Aid and Signs of Suicide - Implement training and education across the region to reduce stigma and encourage individuals to receive behavioral health treatment</li> </ul>	<ul style="list-style-type: none"> <li>• 391 individuals trained through 25 Adult and Youth Mental Health First Aid (MHFA) courses.</li> <li>• Signs of Suicide has been implemented in 4 Schools in the 11-county area, impacting 213 students.</li> </ul>
	<ul style="list-style-type: none"> <li>• Anti-Stigma Campaign - Increase awareness and reduce stigma related to behavioral health (substance misuse and mental health).</li> </ul>	<ul style="list-style-type: none"> <li>• 7,529 SIH staff completed anti-stigma training related to substance misuse/opioid use disorder during FY23-25.</li> <li>• Over 2.3 million were reached through the SIU/SIH Rally Around the Pound Anti-Stigma efforts.</li> <li>• SIH Medical Group clinics offering treatment for OUD, Measured through buprenorphine orders written – 9,103.</li> </ul>

# Evaluation of the Impact of Actions Taken Since the Last CHNA

## Chronic Disease Prevention and Management

### Priority:

- Strengthen the ability of individuals in the community to prevent and treat their chronic diseases.

Objectives	Strategies/Measures to Be Tracked	Progress to Meeting Goal
<p><b>Breakthrough Objective</b></p> <ul style="list-style-type: none"> <li>• Achieve a reduction in those with chronic disease and an increase in those with chronic disease who receive treatment.</li> </ul> <p><b>Annual Objective</b></p> <ul style="list-style-type: none"> <li>• Increase prevention and self-management of chronic disease.</li> </ul>	<ul style="list-style-type: none"> <li>• Tobacco Cessation - Reduce tobacco use among adults and adolescents</li> </ul>	<ul style="list-style-type: none"> <li>• Grant received on behalf of lower 16 counties of IL to address tobacco disparities</li> <li>• Promotion of Illinois Tobacco Quitline to 5,486 through community events.</li> <li>• 22 Courage to Quit tobacco cessation classes offered by SIH and through subcontracts to other agencies.</li> <li>• Media campaign implemented with over 2.4 million reached.</li> <li>• Engaging Youth for Positive Change Curriculum implemented at 11 schools with 1,352 participating students.</li> <li>• 369 retailer scans completed.</li> <li>• Six PSE (Policy, Systems and Environmental) changes enacted in Southern Illinois.</li> </ul>
	<ul style="list-style-type: none"> <li>• CDC's Diabetes Prevention Program (26 weeks) (Center for Disease Control and Prevention) - Increase the proportion of eligible people completing CDC-recognized type 2 diabetes prevention programs</li> </ul>	<ul style="list-style-type: none"> <li>• Six individuals completed the DPP program.</li> <li>• 60% of individuals experienced improved A1C and 25% lost 5-7% of their body weight.</li> </ul>
	<ul style="list-style-type: none"> <li>• Nutrition Education and Healthy Cooking Demonstrations for Low Income Individuals - Increase fruit and vegetable consumption among low-income individuals</li> </ul>	<ul style="list-style-type: none"> <li>• Established a Mobile Kitchen project in conjunction with University of Illinois Extension.</li> <li>• 14 nutrition education and healthy cooking demonstrations conducted.</li> <li>• 474 of individuals educated.</li> </ul>

As of 9.30.24

## Prioritization of Identified Health Needs

Primary and secondary data were gathered and compiled from April 2024 to September 2024. Based on the information gathered through the CHNA process, the following summary list of needs was identified. Identified health needs are listed in alphabetical order.

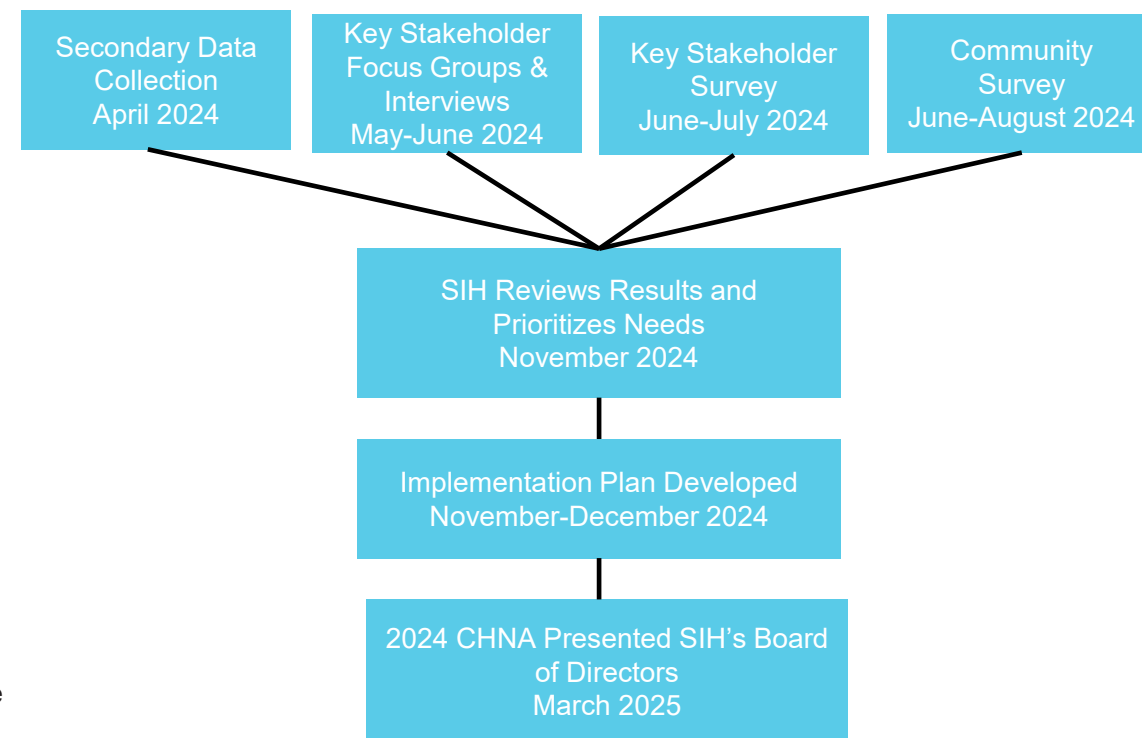
- Access to Health Services/Navigating Healthcare Services
- Adult Smoking
- Affordable Housing
- Affordable, Healthy Food
- Chronic Health Conditions
- Health Literacy
- Lack of Dental Care
- Lack of Internet Services
- Lack of Mental Health Services
- Lack of Prenatal Care
- Lack of Primary Care Providers
- Lack of Specialty Providers
- Mental Distress/Behavioral Health
- Obesity
- Poverty
- Preventative Care
- Substance Misuse
- Transportation
- Violence/Gun Violence
- Youth Bullying
- Youth Vaping

A summary of key findings was prepared and is included in [Appendix H](#).

Key findings were presented to SIH's CHNA Advisory Team. Members of the CHNA Advisory Team were then asked to complete a rating scoresheet for the identified health needs. Results from the rating exercise were then presented to SIH's Leadership Team. Health needs were prioritized with input from a broad base of members of SIH's Leadership Team.

Based on the information gathered through this Community Health Needs Assessment and the prioritization process described above, SIH chose the needs below to address over the next three years.

- Access to Care (Including Transportation)
- Behavioral Health (Mental Health and Substance Misuse)
- Chronic Disease (Prevention, Management & Treatment)



# SIH Implementation Strategy Fiscal Years Ending 2025-2027

## Actions SIH Plans To Take To Address Access to Care (Including Transportation):

Goal	Initiatives/Programs	Reportable Metrics/Anticipated Impact	Collaboration
<p>1. Identify and respond to social drivers of health (SDOH) such as transportation, and housing, etc.*</p>	<ul style="list-style-type: none"> <li>Screening for health-related social needs/social drivers of health to be conducted by nursing and case management and patients to be provided needed resource information. *</li> </ul>	<p>% of patients screened, % of patients with SDOH needs identified % of patients provided with resource information</p>	<p>Homeless Shelters Housing Authorities Mass Transit providers SIH Community Benefits SIH Nursing &amp; Case Management SIH Population Health Southern Illinois Coalition for the Homeless and many others</p>
<p>2. Increase community resource connections identification and referrals. *</p>	<ul style="list-style-type: none"> <li>Implement the use of a resource platform (Find Help) to assist patients and community members to find resources to address their needs.*</li> <li>Promote the utilization of Find Help through community and staff facing events.*</li> <li>Promote Find Help through libraries and junior colleges.*</li> <li>Distribute quarterly report regarding Find Help utilization and those most needed resources.*</li> </ul>	<p># of resources entered/validated in the Find Help system # of searches conducted in Find Help monthly, in total and by domain/content area # educated on Find Help utilization</p>	<p>Egyptian Area Agency on Aging, Find Help Healthy Southern Illinois Delta Network Junior Colleges Libraries Local Health Departments Regional Offices of Education SIH Community Benefits SIH Marketing SIH Nursing &amp; Case Management SIH Population Health Southern Illinois Center for Independent Living Southern Illinois Coalition for Children and Families Southern Illinois Coalition for the Homeless Southern Illinois Food Pantry Network and many others</p>

\*denotes initiative with health equity/social drivers of health (SDOH) integration.



# SIH Implementation Strategy Fiscal Years Ending 2025-2027

## Actions SIH Plans To Take To Address Access to Care (Including Transportation):

Goal	Initiatives/Programs	Reportable Metrics/Anticipated Impact	Collaboration
3. Increase access to primary care providers and specialists.*	<ul style="list-style-type: none"> <li>SIH to continue to recruit and hire additional primary care and specialty providers.*</li> </ul>	# of physicians starting employment each month # of physicians with a new signed agreement each month Keep physician turnover at or below the national average each year # of APPs starting employment each month # of APPs with a new signed agreement each month Keep APP turnover at or below the national average each year	SIH Medical Group SIH Physician Recruitment
4. Enhance collaborations to increase access to care.*	<ul style="list-style-type: none"> <li>Increase patient utilization of electronic health record patient portals, such as MyChart, etc., open enrollment periods and insurance acceptance through implementation of educational efforts.*</li> </ul>	% of SIH patients enrolled in MyChart # of organizations collaborating # of training events held # of individuals trained	Clinics Federally Qualified Health Centers Healthy Southern Illinois Delta Network Hospitals SIH Case Management SIH Medical Group SIH Patient Financial Services SIH Second Act
5. Implement efforts to reduce patient appointment cancellations due to lack of transportation.*	<ul style="list-style-type: none"> <li>Develop and implement enhanced solutions to address non-emergency medical transportation needs.*</li> <li>Educate those with Medicaid on their non-emergency medical transportation benefits.*</li> </ul>	#/% of patient appointments cancelled due to lack of transportation # of Medicaid recipients utilizing their insurance for transportation to medical appts.	Federally Qualified Health Centers Healthy Southern Illinois Delta Network Illinois Department of Transportation Mass Transit Districts – JAX, Rides, Shawnee, South Central MCO transportation brokers – MTM and Modivcare Medicaid Organizations (MCOs) SIH Marketing SIH Population Health Southern Illinois Metropolitan Planning Organization (SIMPO) University of Illinois Chicago and many others

\*denotes initiative with health equity/social drivers of health (SDOH) integration.

# SIH Implementation Strategy Fiscal Years Ending 2025-2027

## Actions SIH Plans To Take To Address Access to Care (Including Transportation):

Goal	Initiatives/Programs	Reportable Metrics/Anticipated Impact	Collaboration
6. Increase the number of individuals who are gainfully employed in southern Illinois through economic development initiatives. *	<ul style="list-style-type: none"> <li>Provide funding and staff time to SI NOW to increase economic development and create jobs in the Southern Illinois region.*</li> </ul>	# of engagements for business development # of businesses opening or relocating to Southern Illinois # of jobs created	Intersect Illinois SI NOW SI Now's Business Growth & Development Task Force consisting of the region's workforce development agencies, business and industry leaders, and university partners SIH Community Affairs Southern Illinois University Carbondale

\*denotes initiative with health equity/social drivers of health (SDOH) integration.

# SIH Implementation Strategy Fiscal Years Ending 2025-2027

## Actions SIH Plans To Take To Address Behavioral Health (Mental Health & Substance Misuse) :

Goal	Initiatives/Programs	Reportable Metrics/Anticipated Impact	Collaboration
1. Reduce stigma and increase access to care in responding to mental health challenges and emergencies. *	<ul style="list-style-type: none"> <li>Train community members in Mental Health First Aid (MHFA).*</li> </ul>	# of MHFA training sessions held in Adult MHFA and Youth MHFA # of community members trained in Adult MHFA and Youth MHFA % Increase in knowledge and awareness as reflected on MHFA evaluations	Community-Based Organization Faith Communities Federally Qualified Health Centers Healthy Southern Illinois Delta Network Illinois CATCH on to Health Consortium Local Community Colleges Local Health Departments Mental Health Agencies Regional Offices of Education Schools SIH Community Benefits Southern Illinois University and many others
	<ul style="list-style-type: none"> <li>Recruit additional Behavioral Health Providers and increasing monthly outpatient behavioral health patient visits.*</li> </ul>	Total # of Nurse Practitioners, Physician Assistants, Licensed Clinical Professional Counselors, Licensed Clinical Social Workers providing outpatient (physician and hospital-based) services) # of SIH outpatient medical provider encounters each month (PB) # of SIH outpatient counseling encounters each month (PB & HB)	Illinois Behavioral Health Workforce Center SIH Behavioral Health SIH Human Resources SIH Medical Group SIH Physician Recruitment Southern Illinois University School of Medicine
	<ul style="list-style-type: none"> <li>Expand SIH Behavioral Health Crisis Services in the Emergency Departments and expand use of Police Department Crisis Assessment Form.*</li> </ul>	# of individuals seen by BH ED staff each month # of Police/Sheriff's Departments that implement crisis assessment form use # of crisis forms utilized monthly to enhance services to patient and clinical decision making % of those involved with Carbondale Police Department who are return admission to the ED for behavioral health services within the month	Carbondale Police Department Law Enforcement Agencies Police Departments Sheriff's Departments SIH Behavioral Health SIH Community Benefits SIH Emergency Departments

\*denotes initiative with health equity/social drivers of health (SDOH) integration.

## SIH Implementation Strategy Fiscal Years Ending 2025-2027

### Actions SIH Plans To Take To Address Behavioral Health (Mental Health & Substance Misuse) :

Goal	Initiatives/Programs	Reportable Metrics/Anticipated Impact	Collaboration
2. Increase awareness and access to mental health & substance misuse services in the community.*	<ul style="list-style-type: none"> <li>Implement use of the Find Help platform by SIH, local agencies to connect patients and community member to resources and treatment.*</li> </ul>	# of mental health and behavioral health agencies with updated information	988 Suicide Prevention Hotline Arrowleaf Centerstone Coalition Action Teams Community Partners Egyptian Health Department Gateway Healthy Southern Illinois Delta Network Illinois CATCH on to Health Consortium Illinois Helpline for Substance Use and Problem Gambling Treatment and Recovery Services Schools SIH Community Benefits SIH Marketing SIH Medical Group Take Action Today TASC and many others.
	<ul style="list-style-type: none"> <li>Increase utilization of inpatient psychiatric unit at SIH HMC Mulberry Center.*</li> </ul>	# of patient admissions at SIH HMC Mulberry Center monthly # of SIH HMC Mulberry Center inpatient days billed monthly	SIH Behavioral Health SIH Medical Group and many others
	<ul style="list-style-type: none"> <li>Continue Naloxone distribution through Emergency Departments, Clinics, and at Community Events.*</li> </ul>	# of kits distributed monthly # of individuals trained	Illinois Department of Human Services SIH Emergency Departments SIH Medical Group Clinics SIH Marketing SIH Community Benefits SIU School of Medicine Center for Rural Health and Social Services

\*denotes initiative with health equity/social drivers of health (SDOH) integration.

# SIH Implementation Strategy Fiscal Years Ending 2025-2027

## Actions SIH Plans To Take To Address Behavioral Health (Mental Health & Substance Misuse):

Goal	Initiatives/Programs	Reportable Metrics/Anticipated Impact	Collaboration
2. Increase awareness and access to mental health & substance misuse services in the community. (continued)*	<ul style="list-style-type: none"> <li>Promote free medication disposal units located at 5 SIH facilities.*</li> </ul>	# of pounds of unused medication collected monthly	SIH Community Benefits SIH Marketing SIH Pharmacy SIH Cancer Institute SIH Hospitals
3. Implement programs to reduce stigma surrounding mental health.	<ul style="list-style-type: none"> <li>Implement Signs of Suicide (SOS) curriculum with students at local schools and make the SOS curriculum available to schools to implement on their own.*</li> </ul>	# of schools implementing SOS # of students educated through SOS curriculum Increased knowledge as reflected on the SOS post test	Illinois CATCH onto Health Consortium Local Schools
	<ul style="list-style-type: none"> <li>Educate students on behavioral health careers at school career fairs.*</li> </ul>	# of career fairs in which BH careers are promoted # of students educated	Illinois Behavioral Health Workforce Center Local Schools SIH Behavioral Health SIH Human Resources Southern Illinois University School of Medicine

\*denotes initiative with health equity/social drivers of health (SDOH) integration.

# SIH Implementation Strategy Fiscal Years Ending 2025-2027

## Actions SIH Plans To Take To Address Chronic Disease (Prevention, Management & Treatment):

Goal	Initiatives/Programs	Reportable Metrics/Anticipated Impact	Collaboration
1. Increase tobacco use prevention and cessation throughout the region.	<ul style="list-style-type: none"> <li>Promote Illinois Tobacco Quitline/My Life My Quit to targeted populations.*</li> <li>Implement Courage to Quit tobacco cessation program.*</li> <li>Implement Engaging Youth for Positive Change (EYPC) to increase policy, systems, and environmental changes related to tobacco use/vaping.*</li> <li>Expand CATCH My Breath Program implementation region to prevent and reduce youth vaping.*</li> </ul>	<p>Increase community member (adults and youth) calls and provider referrals to the Illinois Tobacco Quitline</p> <p>Increase # of individuals who have quit after going through tobacco cessation program                      # of classes held                      # of program completers                      # of adults attending</p> <p># of adults trained in EYPC                      # of schools/community-based organizations implementing EYPC                      # of students involved                      # of policy changes enacted</p> <p># of school staff trained to implement                      % with Increased knowledge based on student post test</p>	<p>American Lung Association                      Behavioral Health Organizations                      Healthcare Providers                      Healthy Southern Illinois Delta Network Southern Illinois Tobacco Disparities Partnership                      Illinois CATCH onto Health Consortium                      Illinois Department of Public Health                      Local Behavioral Health Agencies                      Local Health Departments                      Respiratory Health Association                      Schools                      SIH Community Benefits                      SIH Marketing                      SIH Medical Group                      SIH Pulmonology Department                      and many others</p>
2. Collaborate with local organizations to reduce food insecurity.	<ul style="list-style-type: none"> <li>Implement a food distribution pilot program to reduce food insecurity among those screened at risk upon hospital discharge.</li> </ul>	<p># of hospital patients screened positive for food insecurity                      # of individuals assisted receiving food</p>	<p>Food Banks                      Food Pantries                      Healthy Southern Illinois Delta Network                      Managed Care Organizations                      SIH Community Benefits                      SIH Hospitals                      Soup Kitchens                      Southern Illinois Food Pantry Network                      University of Illinois Extension                      and many others</p>

\*denotes initiative with health equity/social drivers of health (SDOH) integration.

# SIH Implementation Strategy Fiscal Years Ending 2025-2027

## Actions SIH Plans To Take To Address Chronic Disease (Prevention, Management & Treatment):

Goal	Initiatives/Programs	Reportable Metrics/Anticipated Impact	Collaboration
<p>3. Reduce diabetes and high blood pressure, and obesity through targeted interventions and outreach.</p>	<ul style="list-style-type: none"> <li>• Conduct free Community Screenings targeting those who are low-income and uninsured.</li> <li>• Implement Mobile Kitchen education events.</li> <li>• Implement the Healthy Heart Ambassador Program to increase blood pressure monitoring among those with high blood pressure.</li> <li>• Conduct the “Prevent Diabetes Today Program” targeting those who are at risk for diabetes.</li> <li>• Implement the Live Well Be Well program targeting those with chronic diseases and diabetes.</li> </ul>	<p># of events held # of people screened # of referrals/connections to resources/care made</p> <p># of events held # of individuals educated</p> <p># of classes held # of completers Percentage of individuals with improved BP</p> <p># of classes held # of attendees</p> <p># of classes held # of completers</p>	<p>Assisted Living Facilities Faith Communities Federally Qualified Health Centers Food Pantries Healthy Southern Illinois Delta Network Libraries Local Health Departments Managed Care Organizations Regional Hospital Coordinating Center (RHCC) Senior Centers SIH Community Benefits SIH Diabetes Service Line SIH Dietitians SIH Marketing SIH Medical Group SIH Population Health SIH Rehabilitation SIH Wellness SIU School of Human Sciences SIU School of Medicine Social Service Agencies Southern Illinois Food Pantry Network Southern Illinois University University of Illinois Extension and many others</p>

\*denotes initiative with health equity/social drivers of health (SDOH) integration.

## SIH Implementation Strategy Fiscal Years Ending 2025-2027

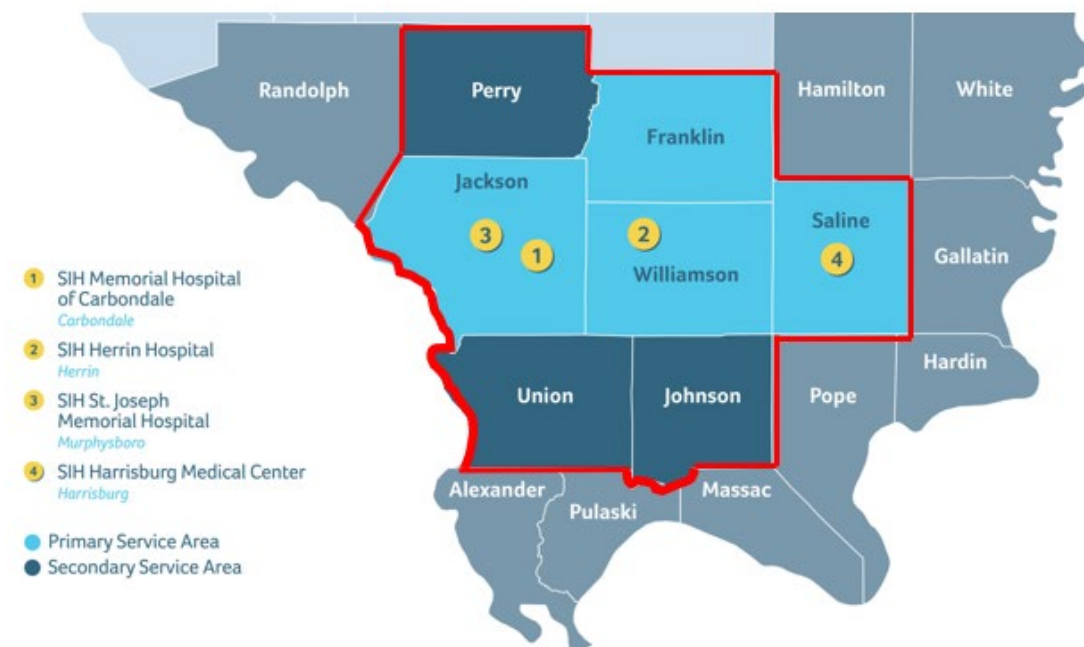
The table below summarizes goals outlined in SIH’s Implementation Strategy for fiscal years ending 2025-2027 and indicates which of the hospital facilities, included in this joint CHNA, will engage in each of the action items.

Action Items by Facility/Service Areas in Which Goals Will Be Implemented	Harrisburg Medical Center	Herrin Hospital	Memorial Hospital of Carbondale	St. Joseph Memorial Hospital
<b>Access to Care (Including transportation)</b>				
Inpatient screening for health-related social needs/social drivers of health	X	X	X	X
Find Help	X	X	X	X
Hire additional primary care and specialty providers (physicians and APPs)	X	X	X	X
Patient Education related to healthcare utilization and electronic health records	X	X	X	X
Non-Emergency Medical Transportation	X	X	X	X
SI Now	X	X	X	X
<b>Behavioral Health (Mental Health &amp; Substance Misuse)</b>				
Mental Health First Aid	X	X	X	X
Recruit behavioral health providers and increase behavioral health visits	X	X	X	X
Expand SIH Behavioral Health Crisis Services in Emergency Departments	X	X	X	X
Emergency Department utilization of the Police Department Crisis Assessment form expansion	X	X	X	X
Collaboration with Carbondale Crisis Committee and Carbondale Police Department			X	
Find Help	X	X	X	X
Inpatient Psychiatric Unit Utilization	X			
Naloxone Distribution	X	X	X	X
Medication Disposal Units	X	X	X	X
Signs of Suicide	X	X	X	X
Student education on behavioral health careers	X	X	X	X
<b>Chronic Disease (CD) Prevention and Management</b>				
Tobacco Cessation	X	X	X	X
Engaging Youth for Positive Change (EYPC)	X	X	X	X
CATCH My Breath	X	X	X	X
Food Distribution Pilot Program		X		
Community Screenings	X	X	X	X
Mobile Kitchen	X	X	X	X
Healthy Heart Ambassador Program	X	X	X	X
“Prevent Diabetes Today Program”		X	X	
Diabetes and Chronic Disease Self-Management Programs	X	X	X	X



## Service Area Definitions

Defined Service Area	Definition
<b>SIH CHNA Community</b>	Seven counties comprising SIH's primary and secondary service areas: Franklin, Jackson, Johnson, Perry, Saline, Union and Williamson Counties in Illinois.
<b>SIH Primary Service Area</b>	Four counties comprising SIH's primary service area: Franklin, Jackson, Saline and Williamson County in Illinois.
<b>SIH Secondary Service Area</b>	Three counties comprising SIH's secondary service area: Johnson, Perry and Union Counties in Illinois.
<b>Healthy Southern Illinois Delta Network</b>	The 16 counties comprising the southern third of the state of Illinois, including the following counties: Alexander, Franklin, Gallatin, Hamilton, Hardin, Jackson, Johnson, Massac, Perry, Pope, Pulaski, Randolph, Saline, Union, White, Williamson Counties.



# Appendix A

## Population by Age & Gender

	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65+	Total
<b>SIH CHNA Community</b>	<b>12,695</b>	<b>35,201</b>	<b>24,295</b>	<b>29,134</b>	<b>27,969</b>	<b>28,016</b>	<b>31,219</b>	<b>44,670</b>	<b>233,199</b>
<b>SIH Primary Service Area</b>	<b>10,197</b>	<b>27,371</b>	<b>20,277</b>	<b>22,806</b>	<b>21,389</b>	<b>21,565</b>	<b>24,104</b>	<b>34,059</b>	<b>181,768</b>
Franklin County, IL	2,162	6,195	2,761	4,259	4,397	4,978	5,317	7,741	37,810
Jackson County, IL	2,829	7,030	11,272	7,061	5,348	5,165	5,948	8,523	53,176
Saline County, IL	1,432	3,446	1,565	2,942	2,745	2,955	3,702	4,875	23,662
Williamson County, IL	3,774	10,700	4,679	8,544	8,899	8,467	9,137	12,920	67,120
<b>SIH Secondary Service Area</b>	<b>2,498</b>	<b>7,830</b>	<b>4,018</b>	<b>6,328</b>	<b>6,580</b>	<b>6,451</b>	<b>7,115</b>	<b>10,611</b>	<b>51,431</b>
Johnson County, IL	558	2,145	1,088	1,728	1,669	1,617	1,895	2,613	13,313
Perry County, IL	1,017	3,043	1,753	2,750	2,892	2,637	2,809	4,095	20,996
Union County, IL	923	2,642	1,177	1,850	2,019	2,197	2,411	3,903	17,122
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>17,113</b>	<b>48,981</b>	<b>30,671</b>	<b>38,724</b>	<b>38,708</b>	<b>38,966</b>	<b>44,780</b>	<b>64,515</b>	<b>322,458</b>
<b>State/National Benchmark</b>									
Illinois	721,165	2,099,312	1,190,741	1,735,194	1,673,766	1,607,931	1,658,618	2,070,907	12,757,634
United States	19,004,925	54,208,780	31,282,896	45,388,153	42,810,359	41,087,357	42,577,475	54,737,648	331,097,593

Male	Female
<b>118,500</b>	<b>114,699</b>
<b>90,597</b>	<b>91,171</b>
18,902	18,908
26,334	26,842
11,604	12,058
33,757	33,363
<b>27,903</b>	<b>23,528</b>
7,779	5,534
11,462	9,534
8,662	8,460
<b>164,034</b>	<b>158,424</b>
6,313,019	6,444,615
164,200,298	166,897,295

	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65+	Total
<b>SIH CHNA Community</b>	<b>5.44%</b>	<b>15.09%</b>	<b>10.42%</b>	<b>12.49%</b>	<b>11.99%</b>	<b>12.01%</b>	<b>13.39%</b>	<b>19.16%</b>	<b>100%</b>
<b>SIH Primary Service Area</b>	<b>5.61%</b>	<b>15.06%</b>	<b>11.16%</b>	<b>12.55%</b>	<b>11.77%</b>	<b>11.86%</b>	<b>13.26%</b>	<b>18.74%</b>	<b>100%</b>
Franklin County, IL	5.72%	16.38%	7.30%	11.26%	11.63%	13.17%	14.06%	20.47%	100%
Jackson County, IL	5.32%	13.22%	21.20%	13.28%	10.06%	9.71%	11.19%	16.03%	100%
Saline County, IL	6.05%	14.56%	6.61%	12.43%	11.60%	12.49%	15.65%	20.60%	100%
Williamson County, IL	5.62%	15.94%	6.97%	12.73%	13.26%	12.61%	13.61%	19.25%	100%
<b>SIH Secondary Service Area</b>	<b>4.86%</b>	<b>15.22%</b>	<b>7.81%</b>	<b>12.30%</b>	<b>12.79%</b>	<b>12.54%</b>	<b>13.83%</b>	<b>13.83%</b>	<b>100%</b>
Johnson County, IL	4.19%	16.11%	8.17%	12.98%	12.54%	12.15%	14.23%	19.63%	100%
Perry County, IL	4.84%	14.49%	8.35%	13.10%	13.77%	12.56%	13.38%	19.50%	100%
Union County, IL	5.39%	15.43%	6.87%	10.80%	11.79%	12.83%	14.08%	22.80%	100%
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>5.31%</b>	<b>15.19%</b>	<b>9.51%</b>	<b>12.01%</b>	<b>12.00%</b>	<b>12.08%</b>	<b>13.89%</b>	<b>20.01%</b>	<b>100%</b>
<b>State/National Benchmark</b>									
Illinois	5.65%	16.46%	9.33%	13.60%	13.12%	12.60%	13.00%	16.23%	100%
United States	5.74%	16.37%	9.45%	13.71%	12.93%	12.41%	12.86%	16.53%	100%

Male	Female
<b>50.81%</b>	<b>49.19%</b>
<b>49.84%</b>	<b>50.16%</b>
49.99%	50.01%
49.52%	50.48%
49.04%	50.96%
50.29%	49.71%
<b>54.25%</b>	<b>45.75%</b>
58.43%	41.57%
54.59%	45.41%
50.59%	49.41%
<b>50.87%</b>	<b>49.13%</b>
49.48%	50.52%
49.59%	50.41%

Data Source: US Census Bureau, American Community Survey. 2018-22. Source geography: Tract

## Population by Combined Race & Ethnicity

	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Asian	Non-Hispanic Other	Non-Hispanic Multiple Races	Hispanic or Latino	Total
<b>SIH CHNA Community</b>	<b>85.89%</b>	<b>5.88%</b>	<b>1.47%</b>	<b>0.38%</b>	<b>3.10%</b>	<b>3.29%</b>	<b>100.00%</b>
<b>SIH Primary Service Area</b>	<b>85.75%</b>	<b>5.84%</b>	<b>1.76%</b>	<b>.45%</b>	<b>3.14%</b>	<b>3.06%</b>	<b>100.00%</b>
Franklin County, IL	94.82%	0.41%	0.26%	0.09%	2.49%	1.93%	100.00%
Jackson County, IL	72.99%	14.43%	3.64%	0.82%	3.43%	4.68%	100.00%
Saline County, IL	92.05%	2.49%	0.71%	0.28%	2.71%	1.77%	100.00%
Williamson County, IL	88.52%	3.28%	1.49%	0.43%	3.42%	2.86%	100.00%
<b>SIH Secondary Service Area</b>	<b>86.38%</b>	<b>5.99%</b>	<b>.45%</b>	<b>.10%</b>	<b>2.97%</b>	<b>4.11%</b>	<b>100.00%</b>
Johnson County, IL	81.49%	8.85%	0.32%	0.08%	5.24%	4.03%	100.00%
Perry County, IL	86.04%	7.88%	0.62%	0.05%	2.22%	3.18%	100.00%
Union County, IL	90.59%	1.46%	0.34%	0.18%	2.12%	5.30%	100.00%
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>86.17%</b>	<b>6.41%</b>	<b>1.19%</b>	<b>.35%</b>	<b>2.85%</b>	<b>3.03%</b>	<b>100.00%</b>
<b>State/National Benchmark</b>							
Illinois	59.58%	13.67%	5.73%	.41%	2.76%	17.84%	100.00%
United States	58.86%	12.13%	5.70%	1.15%	3.51%	18.65%	100.00%

Data Source: US Census Bureau, American Community Survey. 2018-22. Source geography: Tract

## Household Income and Poverty

	Population Below 100% FPL	Percentage of Population Below 100% FPL	Population < Age 18 in Poverty, Percent	Average Household Income
<b>SIH CHNA Community</b>	<b>39,266</b>	<b>17.72%</b>	<b>23.61%</b>	<b>\$73,506</b>
<b>SIH Primary Service Area</b>	<b>30,772</b>	<b>17.59%</b>	<b>22.06%</b>	<b>\$73,747</b>
Franklin County, IL	6,626	17.82%	24.39%	\$66,309
Jackson County, IL	11,449	22.96%	27.04%	\$67,690
Saline County, IL	4,156	17.98%	21.27%	\$78,176
Williamson County, IL	8,541	13.20%	17.48%	\$81,279
<b>SIH Secondary Service Area</b>	<b>8,494</b>	<b>18.17%</b>	<b>29.24%</b>	<b>\$72,519</b>
Johnson County, IL	1,865	16.45%	30.95%	\$78,899
Perry County, IL	3,257	17.47%	28.73%	\$69,605
Union County, IL	3,372	20.10%	28.54%	\$72,159
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>52,081</b>	<b>16.99%</b>	<b>22.30%</b>	<b>\$73,086</b>
<b>State/National Benchmark</b>				
Illinois	1,467,893	11.76%	15.64%	\$108,873
United States	40,521,584	12.53%	16.66%	\$105,833

Data Source: US Census Bureau, American Community Survey. 2018-22. Source geography: Tract

### Poverty - Population Below 100% FPL

Poverty is considered a key driver of health status. This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

This indicator reports the number and percentage of individuals who are living in households with income below the Federal Poverty Level (FPL).

### Average Family Income

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

# Household Income and Poverty

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	Population Below 100% FPL	Percentage of Population Below 100% FPL	Population < Age 18 in Poverty, Percent	Average Household Income
<b>SIH Primary Service Area</b>	<b>30,772</b>	<b>17.59%</b>	<b>22.06%</b>	<b>\$73,747</b>
<b>Franklin County, IL</b>	<b>6,626</b>	<b>17.82%</b>	<b>24.39%</b>	<b>\$66,309</b>
<b>Jackson County, IL</b>	<b>11,449</b>	<b>22.96%</b>	<b>27.04%</b>	<b>\$67,690</b>
<b>Saline County, IL</b>	<b>4,156</b>	<b>17.98%</b>	<b>21.27%</b>	<b>\$78,176</b>
<b>Williamson County, IL</b>	<b>8,541</b>	<b>13.20%</b>	<b>17.48%</b>	<b>\$81,279</b>
62272-Percy/Willisville	345	18.28%	32.42%	\$57,889
62274-Pinkneyville	947	16.07%	16.01%	\$68,313
62280-Rockwood/Glenn	2	0.36%	0.00%	\$131,111
62812-Benton	1,681	15.26%	14.55%	\$70,913
62819-Buckner	38	14.23%	27.78%	\$51,706
62822-Christopher	568	21.87%	26.21%	\$57,859
62825-Coello	27	11.11%	10.00%	\$61,691
62832-Du Quoin/Saint Johns	1,846	21.15%	38.05%	\$67,460
62836-Ewing	118	12.92%	13.92%	\$85,778
62841-Freeman Spur	36	25.71%	16.12%	\$59,009
62856-Logan	51	14.78%	20.51%	\$72,362
62859-McLeansboro	562	10.81%	12.73%	\$69,907
62860-Macedonia	180	38.63%	61.40%	\$69,685
62865-Mulkeytown	87	4.59%	8.03%	\$82,375
62869-Norris City	375	13.84%	21.92%	\$72,334
62874-Orient	73	21.92%	22.22%	\$45,766
62883-Scheller	25	4.21%	7.63%	\$80,071
62884-Sesser	473	16.84%	34.19%	\$70,144
62890-Thompsonville	324	13.86%	22.26%	\$61,687
62891-Valler	130	18.68%	23.35%	\$50,373
62896-West Frankfort	2,478	22.97%	36.87%	\$64,907
62897-Whittington	175	33.02%	45.24%	\$57,435
62901-Carbondale	7,031	35.01%	44.82%	\$56,405
62902-Carbondale	616	14.18%	7.95%	\$100,731
62903-Carbondale	505	19.58%	19.92%	\$70,474
62905-Alto Pass	35	6.03%	0.00%	\$82,930
62907-Ava	418	22.32%	37.98%	\$81,840
62915-Cambria	84	19.49%	34.14%	\$34,702
62916-Ava	42	5.07%	14.15%	\$99,965

	Population Below 100% FPL	Percentage of Population Below 100% FPL	Population < Age 18 in Poverty, Percent	Average Family Income
62917-Carrier Mills	478	19.07%	25.88%	\$94,350
62918-Carterville	1,165	10.88%	15.99%	\$92,732
62920-Cobden	397	13.24%	7.26%	\$73,082
62921-Colp	131	54.81%	78.66%	\$63,141
62922-Creal Springs	252	9.01%	10.10%	\$85,163
62924-De Soto/Hurst	356	12.70%	7.64%	\$68,255
62927-Dowell	32	10.70%	4.08%	\$52,605
62930-Eldorado	1,129	20.39%	20.54%	\$83,644
62932-Elkville	221	17.91%	24.65%	\$54,193
62933-Energy	122	10.01%	14.84%	\$76,417
62934-Equality/Kedron	94	13.15%	9.57%	\$109,634
62935-Galatia	308	14.03%	23.19%	\$80,163
62939-Goreville	184	6.84%	6.34%	\$92,012
62940-Gorham	156	21.40%	33.88%	\$51,605
62942-Grand Tower	114	20.39%	25.95%	\$71,954
62946-Harrisburg	2,160	19.01%	22.94%	\$69,361
62947-Herod/Hicks/Derby/Eagle	16	3.99%	0.00%	\$80,115
62948-Herrin	1,574	12.64%	9.06%	\$74,837
62949-Hurst	154	20.64%	19.34%	\$46,972
62950-Jacob	0	No data	0.00%	\$106,430
62951-Johnston City	803	14.58%	33.72%	\$69,983
62958-Makanda	298	14.31%	9.11%	\$92,946
62959-Marion	3,597	14.20%	21.62%	\$84,936
62965-Muddy	13	30.95%	0.00%	\$89,569
62966-Murphysboro	2,094	14.93%	23.46%	\$70,775
62967-New Burnside	24	6.98%	16.26%	\$63,588
62974-Pittsburg	79	5.19%	7.75%	\$84,952
62975-Pomona	38	22.49%	No data	\$99,708
62977-Raleigh	30	4.75%	4.35%	\$89,430
62983-Royalton	224	14.73%	26.16%	\$60,447
62987-Stonefront	131	7.51%	1.82%	\$80,152
62994-Vergennes	32	4.69%	3.61%	\$64,966
62999-Zeigler	219	14.90%	10.79%	\$51,849

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## Household Income and Poverty

	Population Below 100% FPL	Percentage of Population Below 100% FPL	Population < Age 18 in Poverty, Percent	Average Family Income
<b>SIH Secondary Service Area</b>	<b>8,494</b>	<b>18.17%</b>	<b>29.24%</b>	<b>\$72,519</b>
<b>Johnson County, IL</b>	<b>1,865</b>	<b>16.45%</b>	<b>30.95%</b>	<b>\$78,899</b>
<b>Perry County, IL</b>	<b>3,257</b>	<b>17.47%</b>	<b>28.73%</b>	<b>\$69,605</b>
<b>Union County, IL</b>	<b>3,372</b>	<b>20.10%</b>	<b>28.54%</b>	<b>\$72,159</b>
62237--Coulterville	272	11.65%	11.36%	\$70,603
62238-Cutler	69	13.40%	21.82%	\$80,025
62263-Nashville	242	4.88%	6.83%	\$90,720
62268-Oakdale/Lively Grove	26	2.60%	0.99%	\$121,257
62272-Percy	345	18.28%	32.42%	\$57,889
62274-Pinckneyville	947	16.07%	16.01%	\$68,313
62831-Du Bois/Radom	18	4.74%	0.00%	\$82,309
62832- Du Quoin	1,846	21.15%	38.05%	\$67,460
62883-Scheller	25	4.21%	7.63%	\$80,071
62888-Tamaroa	90	4.83%	9.55%	\$77,572
62902-Carbondale	616	14.18%	7.95%	\$100,731
62905-Alto Pass	35	6.03%	0.00%	\$82,930
62906-Anna	1,709	24.51%	38.70%	\$68,762
62908-Belknap	21	4.74%	0.00%	\$86,103

	Population Below 100% FPL	Percentage of Population Below 100% FPL	Population < Age 18 in Poverty, Percent	Average Family Income
62912-Buncombe	390	23.58%	28.68%	\$68,684
62916-Campbell Hill	42	5.07%	14.15%	\$99,965
62920-Cobden	397	13.24%	7.26%	\$73,082
62922-Cypress	252	9.01%	7.14%	\$85,163
62923-Cypress	28	6.93%	3.61%	\$87,033
62926-Dongola	384	18.13%	21.56%	\$72,209
62939-Goreville	184	6.84%	6.33%	\$92,012
62943-Grantsburg	13	4.29%	0.00%	\$76,685
62952-Jonesboro	749	24.65%	30.22%	\$65,345
62957-McClure	176	27.33%	42.97%	\$57,870
62958-Makanda	298	14.31%	9.11%	\$92,946
62961-Millcreek	16	35.56%	71.43%	\$57,006
62967-New Burnside	24	6.98%	6.19%	\$63,588
62972-Ozard	47	4.17%	0.00%	\$90,217
62985-Simpson	86	8.62%	0.00%	\$81,115
62995-Vienna	1,178	26.34%	55.34%	\$70,618
62997-Willisville	115	17.72%	29.38%	\$69,489
62998-Wolf Lake	5	2.53%	0.00%	\$110,404

Data Source: US Census Bureau, American Community Survey. 2018-22. Source geography: Tract

## Population with a Disability

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	Total Population (For whom Disability Status is Determined)	Population with a Disability	Percentage of Population with a Disability
<b>SIH CHNA Community</b>	<b>225,407</b>	<b>42,920</b>	<b>19.04%</b>
<b>SIH Primary Service Area</b>	<b>178,401</b>	<b>33,568</b>	<b>18.82%</b>
Franklin County, IL	37,342	7,463	19.99%
Jackson County, IL	52,686	8,637	16.39%
Saline County, IL	23,252	5,529	23.79%
Williamson County, IL	65,121	11,939	18.33%
<b>SIH Secondary Service Area</b>	<b>47,006</b>	<b>9,352</b>	<b>19.90%</b>
Johnson County, IL	11,427	1,916	16.77%
Perry County, IL	18,734	4,028	21.50%
Union County, IL	16,845	3,408	20.23%
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>310,721</b>	<b>61,162</b>	<b>19.68%</b>
<b>State/National Benchmark</b>			
Illinois	12,588,498	1,455,892	11.57%
United States	326,147,510	41,941,456	12.86%

### Population with Any Disability

This indicator reports the percentage of the total civilian non-institutionalized population with a disability. This indicator is relevant because disabled individuals comprise a vulnerable population that requires targeted services and outreach by providers.

Data Source: US Census Bureau, American Community Survey. 2018-22. Source geography: Tract

# Population with a Disability

	Percentage of Population with a Disability	Population with a Disability	Percentage of Population with a Disability
<b>SIH Primary Service Area</b>	<b>178,401</b>	<b>33,568</b>	<b>18.82%</b>
<b>Franklin County, IL</b>	<b>37,342</b>	<b>7,463</b>	<b>19.99%</b>
<b>Jackson County, IL</b>	<b>52,686</b>	<b>8,637</b>	<b>16.39%</b>
<b>Saline County, IL</b>	<b>23,252</b>	<b>5,529</b>	<b>23.78%</b>
<b>Williamson County, IL</b>	<b>65,121</b>	<b>11,939</b>	<b>18.33%</b>
62272-Percy/Willisville	1,898	451	23.76%
62274-Pinkneyville	5,916	1,178	19.91%
62280-Rockwood/Glenn	562	34	6.05%
62812-Benton	11,103	1,899	17.10%
62819-Buckner	267	52	19.48%
62822-Christopher	2,590	590	22.78%
62825-Coello	243	87	35.80%
62832-Du Quoin/Saint Johns	8,752	2,036	23.26%
62836-Ewing	913	109	11.94%
62841-Freeman Spur	140	48	34.29%
62856-Logan	351	83	23.65%
62859-McLeansboro	5,217	1,234	23.65%
62860-Macedonia	468	85	18.16%
62865-Mulkeytown	1,894	350	18.48%
62869-Norris City	2,729	556	20.37%
62874-Orient	335	76	22.69%
62883-Scheller	594	121	20.37%
62884-Sesser	2,809	461	16.41%
62890-Thompsonville	2,338	434	18.56%
62891-Valler	700	144	20.57%
62896-West Frankfort	10,829	2,401	22.17%
62897-Whittington	530	85	16.04%
62901-Carbondale	22,850	3,284	14.37%
62902-Carbondale	4,339	507	11.68%
62903-Carbondale	2,585	342	13.23%
62905-Alto Pass	583	105	18.01%
62907-Ava	1,873	327	17.46%
62915-Cambria	431	111	25.75%
62916-Ava	830	173	20.84%

	Total Population (For whom Disability Status is Determined)	Population with a Disability	Percentage of Population with a Disability
62917-Carrier Mills	2,516	512	20.35%
62918-Carterville	10,754	1,619	15.05%
62920-Cobden	3,005	497	16.54%
62921-Colp	243	31	12.76%
62922-Creal Springs	2,824	391	13.85%
62924-De Soto/Hurst	2,812	672	23.90%
62927-Dowell	299	73	24.41%
62930-Eldorado	5,538	1,449	26.16%
62932-Elkville	1,238	301	24.31%
62933-Energy	1,219	233	19.11%
62934-Equality/Kedron	715	172	24.06%
62935-Galatia	2,200	495	22.50%
62939-Goreville	2,693	343	12.74%
62940-Gorham	729	114	15.64%
62942-Grand Tower	565	69	12.21%
62946-Harrisburg	11,477	2,816	24.54%
62947-Herod/Hicks/Derby/Eagle	401	124	30.92%
62948-Herrin	12,507	2,433	19.45%
62949-Hurst	770	216	28.05%
62950-Jacob	160	42	26.25%
62951-Johnston City	5,574	1,287	23.09%
62958-Makanda	2,091	243	11.62%
62959-Marion	25,562	4,791	18.74%
62965-Muddy	45	8	17.78%
62966-Murphysboro	14,041	2,725	19.41%
62967-New Burnside	344	93	27.03%
62974-Pittsburg	1,523	213	13.99%
62975-Pomona	169	50	29.59%
62977-Raleigh	632	121	19.15%
62983-Royalton	1,521	427	28.07%
62987-Stonefront	1,788	265	14.82%
62994-Vergennes	697	119	17.07%
62999-Zeigler	1,472	366	24.86%

Data Source: US Census Bureau, American Community Survey. 2018-22. Source geography: Tract



## Population with a Disability

	Total Population (For whom Disability Status is Determined)	Population with a Disability	Percentage of Population with a Disability
<b>SIH Secondary Service Area</b>	<b>47,006</b>	<b>9,352</b>	<b>19.90%</b>
<b>Johnson County, IL</b>	<b>11,427</b>	<b>1,916</b>	<b>16.77%</b>
<b>Perry County, IL</b>	<b>18,734</b>	<b>4,028</b>	<b>21.50%</b>
<b>Union County, IL</b>	<b>16,845</b>	<b>3,408</b>	<b>20.23%</b>
62237-Coulterville	2,337	469	20.07%
62238-Cutler	520	75	14.42%
62263-Nashville	4,969	635	12.78%
62268-Oakdale/Lively Grove	1,001	176	17.58%
62272-Percy	1,898	451	23.76%
62274-Pinckneyville	5,916	1,178	19.91%
62831-Du Bois/Radom	380	59	15.53%
62832- Du Quoin	8,752	2,036	23.26%
62883-Scheller	594	121	20.37%
62888-Tamaroa	1,893	454	23.98%
62902-Carbondale	4,339	507	11.68%
62905-Alto Pass	583	105	18.01%
62906-Anna	6,974	1,508	21.62%
62908-Belknap	443	67	15.12%

	Total Population (For whom Disability Status is Determined)	Population with a Disability	Percentage of Population with a Disability
62912-Buncombe	1,668	323	19.36%
62916-Campbell Hill	830	173	20.84%
62920-Cobden	3,005	497	16.54%
62922-Cypress	2,824	391	13.85%
62923-Cypress	404	94	23.27%
62926-Dongola	2,145	476	22.19%
62939-Goreville	2,693	343	12.74%
62943-Grantsburg	312	86	27.56%
62952-Jonesboro	3,050	665	21.80%
62957-McClure	655	152	23.21%
62958-Makanda	2,091	243	11.62%
62961-Millcreek	45	16	35.56%
62967-New Burnside	344	93	27.03%
62972-Ozard	1,128	172	15.25%
62985-Simpson	998	126	12.63%
62995-Vienna	4,522	726	16.05%
62997-Willisville	656	169	25.76%
62998-Wolf Lake	198	52	26.26%

Data Source: US Census Bureau, American Community Survey. 2018-22. Source geography: Tract

# Educational Attainment

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	Total Population Age 25+	Population Age 25+ with No High School Diploma	Population Age 25+ with No High School Diploma, Percent	Population age 25+ with Bachelor's Degree or Higher, Percent
<b>SIH CHNA Community</b>	<b>160,405</b>	<b>16,089</b>	<b>10.03%</b>	<b>24.03%</b>
<b>SIH Primary Service Area</b>	<b>123,923</b>	<b>10,814</b>	<b>8.73%</b>	<b>26.21%</b>
Franklin County, IL	26,692	2,684	10.06%	17.66%
Jackson County, IL	32,045	2,614	8.16%	35.22%
Saline County, IL	17,219	2,305	11.82%	20.22%
Williamson County, IL	47,967	3,481	7.26%	27.11%
<b>SIH Secondary Service Area</b>	<b>37,085</b>	<b>5,304</b>	<b>14.30%</b>	<b>16.01%</b>
Johnson County, IL	9,522	1,463	15.36%	16.65%
Perry County, IL	15,183	2,354	15.50%	10.95%
Union County, IL	12,380	1,487	12.01%	21.73%
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>225,693</b>	<b>24,494</b>	<b>10.85%</b>	<b>21.13%</b>
<b>State/National Benchmark</b>				
Illinois	8,746,416	862,736	9.86%	36.67%
United States	226,600,992	24,599,698	10.86%	34.31%

Data Source: US Census Bureau, American Community Survey. 2018-22. Source geography: Tract

## Education

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.

# Educational Attainment

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	Total Population Age 25+	Population Age 25+ with No High School Diploma	Population Age 25+ with No High School Diploma, Percent	Population age 25+ with Bachelor's Degree or Higher, Percent
<b>SIH Primary Service Area</b>	<b>123,923</b>	<b>10,814</b>	<b>8.73%</b>	<b>26.21%</b>
<b>Franklin County, IL</b>	<b>26,692</b>	<b>2,684</b>	<b>10.06%</b>	<b>17.66%</b>
<b>Jackson County, IL</b>	<b>32,045</b>	<b>2,614</b>	<b>8.16%</b>	<b>35.22%</b>
<b>Saline County, IL</b>	<b>17,219</b>	<b>2,035</b>	<b>11.82%</b>	<b>20.22%</b>
<b>Williamson County, IL</b>	<b>47,967</b>	<b>3,481</b>	<b>7.26%</b>	<b>27.11%</b>
62272-Percy/Willisville	1,119	181	16.18%	7.06%
62274-Pinkneyville	6,317	1,382	21.88%	10.76%
62280-Rockwood/Glenn	406	16	3.94%	17.00%
62812-Benton	7,922	684	8.63%	21.93%
62819-Buckner	203	22	10.84%	9.85%
62822-Christopher	1,846	170	9.21%	14.08%
62825-Coello	199	18	9.05%	1.01%
62832-Du Quoin/Saint Johns	6,152	736	11.96%	12.17%
62836-Ewing	593	89	15.01%	27.32%
62841-Freeman Spur	92	29	31.52%	8.70%
62856-Logan	258	33	12.79%	4.65%
62859-McLeansboro	3,864	558	14.44%	16.93%
62860-Macedonia	331	58	17.52%	16.31%
62865-Mulkeytown	1,540	154	10.00%	28.51%
62869-Norris City	1,759	192	10.92%	15.86%
62874-Orient	263	20	7.60%	5.32%
62883-Scheller	435	7	1.61%	13.10%
62884-Sesser	1,927	172	8.93%	17.96%
62890-Thompsonville	1,640	243	14.82%	15.49%
62891-Valler	472	52	11.02%	7.42%
62896-West Frankfort	7,719	811	10.51%	13.78%
62897-Whittington	335	64	19.10%	9.25%
62901-Carbondale	12,227	696	5.69%	47.06%
62902-Carbondale	2,833	141	4.98%	43.70%
62903-Carbondale	1,387	137	9.88%	47.30%
62905-Alto Pass	464	43	9.27%	37.28%
62907-Ava	1,128	163	14.45%	16.31%
62915-Cambria	281	94	33.45%	7.12%
62916-Ava	562	153	27.22%	16.01%

	Total Population Age 25+	Population Age 25+ with No High School Diploma	Population Age 25+ with No High School Diploma, Percent	Population age 25+ with Bachelor's Degree or Higher, Percent
62917-Carrier Mills	1,820	263	14.45%	10.71%
62918-Carterville	7,362	255	3.46%	39.83%
62920-Cobden	2,274	251	11.04%	24.80%
62921-Colp	152	11	7.24%	15.13%
62922-Creal Springs	2,072	202	9.75%	19.11%
62924-De Soto/Hurst	1,902	206	10.83%	22.87%
62927-Dowell	221	41	18.55%	4.07%
62930-Eldorado	4,392	460	10.47%	17.90%
62932-Elkville	881	155	17.59%	11.80%
62933-Energy	833	42	5.04%	23.29%
62934-Equality/Kedron	592	25	4.22%	14.53%
62935-Galatia	1,530	151	9.87%	16.86%
62939-Goreville	1,966	142	7.22%	29.04%
62940-Gorham	336	56	16.67%	4.46%
62942-Grand Tower	337	32	9.50%	5.93%
62946-Harrisburg	8,439	1,069	12.67%	23.75%
62947-Herod/Hicks/Derby/Eagle	373	49	13.14%	9.12%
62948-Herrin	9,165	816	8.90%	25.70%
62949-Hurst	559	108	19.32%	10.91%
62950-Jacob	129	-	0.00%	37.21%
62951-Johnston City	4,015	305	7.60%	19.60%
62958-Makanda	1,562	59	3.78%	48.34%
62959-Marion	19,832	1,393	7.02%	27.28%
62965-Muddy	35	2	5.71%	25.71%
62966-Murphysboro	9,712	909	9.36%	25.02%
62967-New Burnside	234	18	7.69%	10.26%
62974-Pittsburg	1,094	61	5.58%	24.31%
62975-Pomona	169	22	13.02%	28.99%
62977-Raleigh	465	28	6.02%	27.10%
62983-Royalton	1,106	70	6.33%	21.97%
62987-Stonefront	1,145	95	8.30%	14.41%
62994-Vergennes	418	21	5.02%	9.33%
62999-Zeigler	1,113	112	10.06%	8.98%

# Educational Attainment

	Total Population Age 25+	Population Age 25+ with No High School Diploma	Population Age 25+ with No High School Diploma, Percent	Population age 25+ with Bachelor's Degree or Higher, Percent
<b>SIH Secondary Service Area</b>	<b>37,085</b>	<b>5,304</b>	<b>14.30%</b>	<b>16.01%</b>
<b>Johnson County, IL</b>	<b>9,522</b>	<b>1,463</b>	<b>15.36%</b>	<b>16.65%</b>
<b>Perry County, IL</b>	<b>15,183</b>	<b>2,354</b>	<b>15.50%</b>	<b>10.95%</b>
<b>Union County, IL</b>	<b>12,380</b>	<b>1,487</b>	<b>12.01%</b>	<b>21.73%</b>
62237--Coulterville	1,809	224	12.38%	15.87%
62238-Cutler	300	32	10.67%	5.67%
62263-Nashville	3,736	252	6.75%	23.61%
62268-Oakdale/Lively Grove	699	27	3.86%	21.46%
62272-Percy	1,119	181	16.18%	7.06%
62274-Pinckneyville	6,317	1,382	21.88%	10.76%
62831-Du Bois/Radom	312	17	5.45%	17.95%
62832- Du Quoin	6,152	736	11.96%	12.17%
62883-Scheller	435	7	1.61%	13.10%
62888-Tamaroa	1,301	86	6.61%	9.07%
62902-Carbondale	2,833	141	4.98%	43.70%
62905-Alto Pass	464	43	9.27%	37.28%
62906-Anna	5,294	699	13.20%	20.59%
62908-Belknap	276	21	7.61%	20.29%

	Total Population Age 25+	Population Age 25+ with No High School Diploma	Population Age 25+ with No High School Diploma, Percent	Population age 25+ with Bachelor's Degree or Higher, Percent
62912-Buncombe	1,106	53	4.79%	14.92%
62916-Campbell Hill	562	153	27.22%	16.01%
62920-Cobden	2,274	251	11.04%	24.80%
62922-Cypress	2,072	202	9.75%	19.11%
62923-Cypress	282	29	10.28%	13.12%
62926-Dongola	1,432	227	15.85%	15.71%
62939-Goreville	1,966	142	7.22%	29.04%
62943-Grantsburg	194	44	22.68%	6.19%
62952-Jonesboro	2,162	238	11.01%	19.43%
62957-McClure	455	48	10.55%	8.35%
62958-Makanda	1,562	59	3.78%	48.34%
62961-Millcreek	33	0	0.00%	30.30%
62967-New Burnside	234	18	7.69%	10.26%
62972-Ozard	825	63	7.64%	16.61%
62985-Simpson	741	77	10.39%	10.93%
62995-Vienna	4,668	1,025	21.96%	12.38%
62997-Willisville	405	51	12.59%	6.91%
62998-Wolf Lake	166	0	0.00%	36.14%

Data Source: US Census Bureau, American Community Survey. 2018-22. Source geography: Tract

## Access to Healthcare Services

	Number of Primary Care Providers	Primary Care Providers per 100,000 Population	Number of Dental Health Providers	Dental Health Providers per 100,000 Population
<b>SIH CHNA Community</b>	267	114.50	81	34.73
<b>SIH Primary Service Area</b>	229	126.03	69	37.97
Franklin County, IL	19	50.26	17	44.97
Jackson County, IL	109	205.76	25	47.19
Saline County, IL	30	126.22	5	21.04
Williamson County, IL	71	105.73	22	32.76
<b>SIH Secondary Service Area</b>	38	73.79	12	23.30
Johnson County, IL	5	37.579	-	-
Perry County, IL	21	100.26	4	19.10
Union County, IL	12	69.59	8	46.39
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	329	102.11	93	28.87
<b>State/National Benchmark</b>				
Illinois	16,318	127.36	5,511	43.01
United States	377,556	112.79	131,878	39.40

Data Source: Centers for Medicare and Medicaid Services, CMS - National Plan and Provider Enumeration System (NPPES). February 2023. Source geography: Address

### 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 aged 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.

### Dental Care

This indicator reports the number of oral healthcare providers with a CMS National Provider Identifier (NPI). Providers included in this summary are those who list "dentist," "general practice dentist," or "pediatric dentistry" as their primary practice classification, regardless of sub-specialty. Data are from the latest Centers for Medicare and Medicaid Services (CMS) National Provider Identifier (NPI) downloadable file.

## Access to Healthcare Services

	Number of Primary Care Providers	Primary Care Providers per 100,000 Population	Number of Dental Health Providers	Dental Health Providers per 100,000 Population
<b>SIH Primary Service Area</b>	<b>229</b>	<b>126.03</b>	<b>69</b>	<b>37.97</b>
<b>Franklin County, IL</b>	<b>19</b>	<b>50.26</b>	<b>17</b>	<b>44.97</b>
<b>Jackson County, IL</b>	<b>109</b>	<b>205.76</b>	<b>25</b>	<b>47.19</b>
<b>Saline County, IL</b>	<b>30</b>	<b>126.22</b>	<b>5</b>	<b>21.04</b>
<b>Williamson County, IL</b>	<b>71</b>	<b>105.73</b>	<b>22</b>	<b>32.76</b>
62272-Percy/Willisville	-	-	-	-
62274-Pinkneyville	8	105.86	2	26.47
62280-Rockwood/Glenn	-	-	-	-
62812-Benton	12	108.62	1	9.05
62819-Buckner	-	-	-	-
62822-Christopher	2	71.51	6	214.52
62825-Coello	-	-	-	-
62832-Du Quoin/Saint Johns	11	122.70	2	22.31
62836-Ewing	-	-	-	-
62841-Freeman Spur	-	-	-	-
62856-Logan	-	-	-	-
62859-McLeansboro	9	165.47	-	-
62860-Macedonia	-	-	-	-
62865-Mulkeytown	-	-	1	48.73
62869-Norris City	2	77.91	-	-
62874-Orient	-	-	-	-
62883-Scheller	-	-	-	-
62884-Sesser	1	34.14	6	204.85
62890-Thompsonville	-	-	-	-
62891-Valler	-	-	-	-
62896-West Frankfort	4	34.98	2	17.49
62897-Whittington	-	-	-	-
62901-Carbondale	97	419.60	16	69.21
62902-Carbondale	1	22.67	1	22.67
62903-Carbondale	-	-	-	-
62905-Alto Pass	-	-	-	-
62907-Ava	-	-	-	-
62915-Cambria	-	-	-	-
62916-Ava	-	-	-	-

	Number of Primary Care Providers	Primary Care Providers per 100,000 Population	Number of Dental Health Providers	Dental Health Providers per 100,000 Population
62917-Carrier Mills	1	42.99	-	-
62918-Carterville	3	27.72	1	9.24
62920-Cobden	-	-	2	65.04
62921-Colp	-	-	-	-
62922-Creal Springs	-	-	-	-
62924-De Soto/Hurst	-	-	-	-
62927-Dowell	-	-	-	-
62930-Eldorado	7	120.77	2	34.51
62932-Elkville	-	-	-	-
62933-Energy	-	-	2	185.53
62934-Equality/Kedron	-	-	-	-
62935-Galatia	-	-	1	51.65
62939-Goreville	1	31.70	-	-
62940-Gorham	-	-	-	-
62942-Grand Tower	-	-	-	-
62946-Harrisburg	21	170.63	2	16.25
62947-Herod/Hicks/Derby/Eagle	-	-	-	-
62948-Herrin	15	119.68	2	15.96
62949-Hurst	-	-	-	-
62950-Jacob	-	-	-	-
62951-Johnston City	3	58.39	-	-
62958-Makanda	-	-	1	46.04
62959-Marion	48	175.35	17	62.10
62965-Muddy	-	-	-	-
62966-Murphysboro	12	85.23	7	49.72
62967-New Burnside	-	-	-	-
62974-Pittsburg	-	-	-	-
62975-Pomona	1	478.47	-	-
62977-Raleigh	-	-	-	-
62983-Royalton	-	-	-	-
62987-Stonefront	-	-	-	-
62994-Vergennes	-	-	-	-
62999-Zeigler	-	-	1	65.79

Data Source: Centers for Medicare and Medicaid Services, CMS - National Plan and Provider Enumeration System (NPPES). February 2023. Source geography: Address

## Access to Healthcare Services

	Number of Primary Care Providers	Primary Care Providers per 100,000 Population	Number of Dental Health Providers	Dental Health Providers per 100,000 Population
<b>SIH Secondary Service Area</b>	<b>38</b>	<b>73.79</b>	<b>12</b>	<b>23.30</b>
<b>Johnson County, IL</b>	<b>5</b>	<b>35.79</b>	<b>-</b>	<b>-</b>
<b>Perry County, IL</b>	<b>21</b>	<b>100.26</b>	<b>4</b>	<b>19.10</b>
<b>Union County, IL</b>	<b>12</b>	<b>69.59</b>	<b>8</b>	<b>46.39</b>
62237--Coulterville	2	82.37	-	-
62238-Cutler	-	-	-	-
62263-Nashville	5	98.17	2	39.27
62268-Oakdale/Lively Grove	-	-	-	-
62272-Percy	-	-	-	-
62274-Pinckneyville	8	105.86	2	26.47
62831-Du Bois/Radom	-	-	-	-
62832- Du Quoin	11	122.70	2	22.31
62883-Scheller	-	-	-	-
62888-Tamaroa	-	-	-	-
62902-Carbondale	1	22.67	1	22.67
62905-Alto Pass	-	-	-	-
62906-Anna	11	148.15	5	67.34
62908-Belknap	-	-	-	-

	Number of Primary Care Providers	Primary Care Providers per 100,000 Population	Number of Dental Health Providers	Dental Health Providers per 100,000 Population
62912-Buncombe	-	-	1	81.17
62916-Campbell Hill	-	-	-	-
62920-Cobden	-	-	2	65.04
62922-Cypress	-	-	-	-
62923-Cypress	-	-	-	-
62926-Dongola	-	-	-	-
62939-Goreville	1	31.70	-	-
62943-Grantsburg	-	-	-	-
62952-Jonesboro	1	32.33	-	-
62957-McClure	-	-	-	-
62958-Makanda	-	-	1	46.04
62961-Millcreek	-	-	-	-
62967-New Burnside	-	-	-	-
62972-Ozard	1	77.28	-	-
62985-Simpson	-	-	-	-
62995-Vienna	4	66.20	-	-
62997-Willisville	-	-	-	-
62998-Wolf Lake	-	-	-	-

Data Source: Centers for Medicare and Medicaid Services, CMS - National Plan and Provider Enumeration System (NPPES). February 2023. Source geography: Address

# Access to Behavioral Health

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	Number of Mental Health Providers	Mental Health Providers per 100,000 Population	Number of Addiction/ Substance Abuse Providers	Addiction/ Substance Abuse Providers per 100,000 Population
<b>SIH CHNA Community</b>	577	247.73	52	22.30
<b>SIH Primary Service Area</b>	496	272.98	34	18.71
Franklin County, IL	78	206.33	3	7.94
Jackson County, IL	138	260.51	5	9.44
Saline County, IL	48	201.95	8	33.66
Williamson County, IL	232	345.48	18	26.80
<b>SIH Secondary Service Area</b>	81	157.29	18	34.95
Johnson County, IL	30	225.43	6	45.09
Perry County, IL	13	62.07	2	9.55
Union County, IL	38	220.37	10	57.99
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	660	204.85	62	19.24
<b>State/National Benchmark</b>				
Illinois	19,065	148.80	1,032	8.05
United States	605,467	180.88	94,031	28.09

Data Source: Centers for Medicare and Medicaid Services, CMS - National Plan and Provider Enumeration System (NPPES). February 2023. Source geography: Address

### Mental Health Care

This indicator reports the number of providers with a CMS National Provider Identifier (NPI) that specialize in mental health. Mental health providers include licensed clinical social workers and other credentialed professionals specializing in psychiatry, psychology, counseling, or child, adolescent, or adult mental health. .

### Addiction Substance Abuse Providers

This indicator reports the number of providers who specialize in addiction or substance use disorder treatment, rehabilitation, addiction medicine, or providing methadone. The providers include Doctors of Medicine (MDs), Doctor of Osteopathic Medicine (DOs), and other credentialed professionals with a Center for Medicare and Medicaid Services (CMS) and a valid National Provider Identifier (NPI).



# Access to Behavioral Health

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	Number of Mental Health Providers	Mental Health Providers per 100,000 Population	Number of Addiction/ Substance Abuse Providers	Addiction/ Substance Abuse Providers per 100,000 Population
<b>SIH Primary Service Area</b>	<b>496</b>	<b>272.98</b>	<b>34</b>	<b>18.71</b>
<b>Franklin County, IL</b>	<b>78</b>	<b>206.33</b>	<b>3</b>	<b>7.94</b>
<b>Jackson County, IL</b>	<b>138</b>	<b>260.51</b>	<b>5</b>	<b>9.44</b>
<b>Saline County, IL</b>	<b>48</b>	<b>201.95</b>	<b>8</b>	<b>33.66</b>
<b>Williamson County, IL</b>	<b>232</b>	<b>345.48</b>	<b>18</b>	<b>26.80</b>
62272-Percy/Willisville	-	-	-	-
62274-Pinkneyville	1	13.23	-	-
62280-Rockwood/Glenn	-	-	-	-
62812-Benton	18	162.93	-	-
62819-Buckner	-	-	-	-
62822-Christopher	-	-	-	-
62825-Coello	-	-	-	-
62832-Du Quoin/Saint Johns	11	122.70	2	22.31
62836-Ewing	-	-	-	-
62841-Freeman Spur	-	-	-	-
62856-Logan	-	-	-	-
62859-McLeansboro	-	-	-	-
62860-Macedonia	-	-	-	-
62865-Mulkeytown	-	-	-	-
62869-Norris City	3	116.87	-	-
62874-Orient	-	-	-	-
62883-Scheller	-	-	-	-
62884-Sesser	-	-	-	-
62890-Thompsonville	-	-	-	-
62891-Valler	-	-	-	-
62896-West Frankfort	59	515.96	3	26.24
62897-Whittington	-	-	-	-
62901-Carbondale	65	281.18	5	21.63
62902-Carbondale	3	68.01	-	-
62903-Carbondale	60	2,459.02	-	-
62905-Alto Pass	-	-	-	-
62907-Ava	-	-	-	-
62915-Cambria	-	-	-	-
62916-Ava	1	101.73	-	-

	Number of Mental Health Providers	Mental Health Providers per 100,000 Population	Number of Addiction/ Substance Abuse Providers	Addiction/ Substance Abuse Providers per 100,000 Population
62917-Carrier Mills	-	-	-	-
62918-Carterville	76	702.34	-	-
62920-Cobden	3	97.56	-	-
62921-Colp	-	-	-	-
62922-Creal Springs	-	-	-	-
62924-De Soto/Hurst	-	-	-	-
62927-Dowell	-	-	-	-
62930-Eldorado	25	431.33	-	-
62932-Elkville	-	-	-	-
62933-Energy	1	92.76	-	-
62934-Equality/Kedron	-	-	-	-
62935-Galatia	-	-	-	-
62939-Goreville	-	-	-	-
62940-Gorham	-	-	-	-
62942-Grand Tower	-	-	-	-
62946-Harrisburg	22	178.76	8	65.00
62947-Herod/Hicks/Derby/Eagle	-	-	-	-
62948-Herrin	22	175.54	-	-
62949-Hurst	-	-	-	-
62950-Jacob	-	-	-	-
62951-Johnston City	-	-	-	-
62958-Makanda	-	-	-	-
62959-Marion	117	427.41	18	65.76
62965-Muddy	-	-	-	-
62966-Murphysboro	9	63.92	-	-
62967-New Burnside	-	-	-	-
62974-Pittsburg	1	66.27	-	-
62975-Pomona	-	-	-	-
62977-Raleigh	-	-	-	-
62983-Royalton	-	-	-	-
62987-Stonefront	-	-	-	-
62994-Vergennes	-	-	-	-
62999-Zeigler	-	-	-	-

# Access to Behavioral Health

	Number of Mental Health Providers	Mental Health Providers per 100,000 Population	Number of Addiction/ Substance Abuse Providers	Addiction/ Substance Abuse Providers per 100,000 Population
<b>SIH Secondary Service Area</b>	<b>81</b>	<b>157.29</b>	<b>18</b>	<b>34.95</b>
<b>Johnson County, IL</b>	<b>30</b>	<b>225.43</b>	<b>6</b>	<b>45.09</b>
<b>Perry County, IL</b>	<b>13</b>	<b>62.07</b>	<b>2</b>	<b>9.55</b>
<b>Union County, IL</b>	<b>38</b>	<b>220.37</b>	<b>10</b>	<b>57.99</b>
62237--Coulterville	0	0	0	0
62238-Cutler	0	0	0	0
62263-Nashville	1	19.63	0	0
62268-Oakdale/Lively Grove	0	0	0	0
62272-Percy	0	0	0	0
62274-Pinckneyville	1	13.23	0	0
62831-Du Bois/Radom	0	0	0	0
62832- Du Quoin	11	122.7	2	22.31
62883-Scheller	0	0	0	0
62888-Tamaroa	0	0	0	0
62902-Carbondale	3	68.01	0	0
62905-Alto Pass	0	0	0	0
62906-Anna	33	444.44	9	121.21
62908-Belknap	0	0	0	0

	Number of Mental Health Providers	Mental Health Providers per 100,000 Population	Number of Addiction/ Substance Abuse Providers	Addiction/ Substance Abuse Providers per 100,000 Population
62912-Buncombe	0	0	0	0
62916-Campbell Hill	1	101.73	0	0
62920-Cobden	3	97.56	0	0
62922-Cypress	0	0	0	0
62923-Cypress	0	0	0	0
62926-Dongola	0	0	0	0
62939-Goreville	0	0	0	0
62943-Grantsburg	0	0	0	0
62952-Jonesboro	1	32.33	0	0
62957-McClure	0	0	0	0
62958-Makanda	0	0	0	0
62961-Millcreek	0	0	0	0
62967-New Burnside	0	0	0	0
62972-Ozard	0	0	0	0
62985-Simpson	0	0	0	0
62995-Vienna	30	496.52	6	99.3
62997-Willisville	1	179.86	0	0
62998-Wolf Lake	0	0	0	0

Data Source: Centers for Medicare and Medicaid Services, CMS - National Plan and Provider Enumeration System (NPPES). February 2023. Source geography: Address

## Core Preventable Services

	Percentage of Males age 65+ Up to Date on Core Preventative Services	Percentage of Females age 65+ Up to Date on Core Preventive Services
<b>SIH CHNA Community</b>	42.40%	37.10%
<b>SIH Primary Service Area</b>	42.50%	37.10%
Franklin County, IL	40.80%	35.70%
Jackson County, IL	42.30%	36.70%
Saline County, IL	41.10%	35.20%
Williamson County, IL	44.00%	39.00%
<b>SIH Secondary Service Area</b>	42.30%	37.00%
Johnson County, IL	43.70%	37.90%
Perry County, IL	42.10%	36.20%
Union County, IL	41.60%	37.30%
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	41.70%	36.70%
<b>State/National Benchmark</b>		
Illinois	42.15%	38.18%
United States	43.70%	37.90%

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the [PLACES Data Portal](#). 2020. Source geography: Tract

### Male Preventive Services

This indicator reports the percentage of males age 65 years and older who report that they are up to date on a core set of clinical preventive services. Services include: an influenza vaccination in the past year; a 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.

### Female Preventive Services

This indicator reports the percentage of females age 65 years and older who report that they are up to date on a core set of clinical preventive 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 5 years and a FOBT within the past 3 years, or a colonoscopy within the previous 10 years; and a mammogram in the past 2 years.

## Core Preventable Services

	Percentage of Males age 65+ Up to Date on Core Preventative Services	Percentage of Females age 65+ Up to Date on Core Preventative Services
<b>SIH Primary Service Area</b>	<b>42.50%</b>	<b>37.10%</b>
<b>Franklin County, IL</b>	<b>40.80%</b>	<b>35.70%</b>
<b>Jackson County, IL</b>	<b>42.30%</b>	<b>36.70%</b>
<b>Saline County, IL</b>	<b>41.10%</b>	<b>35.20%</b>
<b>Williamson County, IL</b>	<b>44.00%</b>	<b>39.00%</b>
62272-Percy/Willisville	38.60%	37.70%
62274-Pinkneyville	41.70%	34.20%
62280-Rockwood/Glenn	40.70%	36.10%
62812-Benton	40.40%	33.40%
62819-Buckner	42.50%	38.60%
62822-Christopher	40.30%	33.30%
62825-Coello	44.50%	41.10%
62832-Du Quoin/Saint Johns	43.30%	35.30%
62836-Ewing	44.00%	38.90%
62841-Freeman Spur	41.70%	40.20%
62856-Logan	44.10%	37.70%
62859-McLeansboro	43.20%	35.50%
62860-Macedonia	44.00%	38.20%
62865-Mulkeytown	42.40%	37.30%
62869-Norris City	42.40%	37.00%
62874-Orient	41.10%	36.10%
62883-Scheller	42.70%	38.20%
62884-Sesser	44.80%	39.60%
62890-Thompsonville	43.10%	38.30%
62891-Valler	43.10%	38.70%
62896-West Frankfort	39.20%	33.40%
62897-Whittington	38.50%	33.90%
62901-Carbondale	44.80%	37.50%
62902-Carbondale	43.30%	37.30%
62903-Carbondale	41.80%	36.20%
62905-Alto Pass	42.60%	37.90%
62907-Ava	43.20%	37.90%
62915-Cambria	42.80%	36.20%
62916-Ava	43.40%	37.70%

	Percentage of Males age 65+ Up to Date on Core Preventative Services	Percentage of Females age 65+ Up to Date on Core Preventative Services
62917-Carrier Mills	41.30%	35.90%
62918-Carterville	45.90%	41.30%
62920-Cobden	42.40%	38.40%
62921-Colp	36.50%	34.30%
62922-Creal Springs	43.90%	40.60%
62924-De Soto/Hurst	42.10%	36.50%
62927-Dowell	41.90%	35.80%
62930-Eldorado	39.60%	32.50%
62932-Elkville	42.20%	36.40%
62933-Energy	45.80%	40.20%
62934-Equality/Kedron	38.10%	34.30%
62935-Galatia	43.90%	36.50%
62939-Goreville	46.00%	40.20%
62940-Gorham	43.50%	36.70%
62942-Grand Tower	40.10%	35.90%
62946-Harrisburg	41.20%	34.20%
62947-Herod/Hicks/Derby/Eagle	42.50%	38.90%
62948-Herrin	42.60%	36.20%
62949-Hurst	42.00%	37.00%
62950-Jacob	41.70%	36.30%
62951-Johnston City	44.20%	38.50%
62958-Makanda	47.70%	41.40%
62959-Marion	43.20%	36.80%
62965-Muddy	42.80%	41.80%
62966-Murphysboro	42.90%	35.50%
62967-New Burnside	47.10%	43.20%
62974-Pittsburg	43.10%	38.40%
62975-Pomona	40.30%	36.30%
62977-Raleigh	46.30%	39.10%
62983-Royalton	40.70%	35.50%
62987-Stonefront	43.70%	37.70%
62994-Vergennes	44.00%	37.80%
62999-Zeigler	41.10%	35.10%


## Core Preventable Services

	Percentage of Males age 65+ Up to Date on Core Preventative Services	Percentage of Females age 65+ Up to Date on Core Preventive Services
<b>SIH Secondary Service Area</b>	<b>42.3%</b>	<b>37.00%</b>
<b>Johnson County, IL</b>	<b>43.70%</b>	<b>37.90%</b>
<b>Perry County, IL</b>	<b>42.10%</b>	<b>36.20%</b>
<b>Union County, IL</b>	<b>41.60%</b>	<b>37.30%</b>
62237--Coulterville	41.70%	36.70%
62238-Cutler	44.20%	38.00%
62263-Nashville	44.50%	38.80%
62268-Oakdale/Lively Grove	44.90%	39.70%
62272-Percy	38.60%	37.70%
62274-Pinckneyville	41.70%	34.20%
62831-Du Bois/Radom	44.50%	38.10%
62832- Du Quoin	43.30%	35.30%
62883-Scheller	42.70%	38.20%
62888-Tamaroa	44.60%	37.30%
62902-Carbondale	43.30%	37.30%
62905-Alto Pass	42.60%	37.90%
62906-Anna	40.80%	35.10%
62908-Belknap	43.60%	37.00%

	Percentage of Males age 65+ Up to Date on Core Preventative Services	Percentage of Females age 65+ Up to Date on Core Preventive Services
62912-Buncombe	43.50%	37.30%
62916-Campbell Hill	43.40%	37.70%
62920-Cobden	42.40%	38.40%
62922-Cypress	43.90%	40.60%
62923-Cypress	41.30%	34.20%
62926-Dongola	41.20%	35.80%
62939-Goreville	46.00%	40.20%
62943-Grantsburg	42.20%	38.00%
62952-Jonesboro	40.80%	36.20%
62957-McClure	39.40%	36.00%
62958-Makanda	47.70%	41.40%
62961-Millcreek	47.90%	31.10%
62967-New Burnside	47.10%	43.20%
62972-Ozard	46.20%	42.00%
62985-Simpson	44.60%	39.30%
62995-Vienna	43.50%	36.30%
62997-Willisville	43.00%	38.00%
62998-Wolf Lake	44.60%	40.70%

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Accessed via the [PLACES Data Portal](#). 2020. Source geography: Tract

## Preventive Services – Blood Pressure, Diabetes, and Preventable Hospitalizations

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	Blood Pressure Medication Nonadherence (Medicare)	Medicare Enrollees with Diabetes with Annual Exam	Preventable Hospitalizations per 100,000 Beneficiaries
<b>SIH CHNA Community</b>	<b>20.9%</b>	<b>88.1%</b>	<b>3,425</b>
<b>SIH Primary Service Area</b>	<b>21.1%</b>	<b>88.3%</b>	<b>3,468</b>
Franklin County, IL	20.7%	89.5%	3,551
Jackson County, IL	20.7%	87.2%	3,443
Saline County, IL	22.0%	90.2%	3,194
Williamson County, IL	21.2%	87.5%	3,543
<b>SIH Secondary Service Area</b>	<b>20.5%</b>	<b>87.4%</b>	<b>3,281</b>
Johnson County, IL	20.7%	88.7%	3,868
Perry County, IL	20.6%	82.8%	2,979
Union County, IL	20.3%	90.5%	3,201
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>21.0%</b>	<b>88.5%</b>	<b>3,498</b>
<b>State/National Benchmark</b>			
Illinois	19.3%	88.5%	3,283
United States	21.2%	87.5%	2,752

Blood Pressure Medication Nonadherence Data Source: Centers for Disease Control and Prevention, CDC - Atlas of Heart Disease and Stroke 2019. Source geography: County

Diabetes Annual Exam Data Source: Dartmouth College Institute for Health Policy & Clinical Practice, Dartmouth Atlas of Health Care. 2019. Source geography: County

Preventable Hospitalizations Data Source: Centers for Medicare and Medicaid Services, Mapping Medicare Disparities Tool. 2021. Source geography: County

### Blood Pressure

This indicator reports the number and percentage of Medicare beneficiaries not adhering to blood pressure medication schedules. Nonadherence is defined having medication coverage days at less than 80%.

### Diabetes Annual Exam

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

### Preventable Hospitalizations

This indicator reports the preventable hospitalization rate among Medicare beneficiaries for the latest reporting period. Preventable hospitalizations include hospital admissions for one or more of the following conditions: diabetes with short-term complications, diabetes with long-term complications, uncontrolled diabetes without complications, diabetes with lower-extremity amputation, chronic obstructive pulmonary disease, asthma, hypertension, heart failure, bacterial pneumonia, or urinary tract infection. Rates are presented per 100,000 beneficiaries.

# Preventive Services – Blood Pressure, Diabetes, and Preventable Hospitalizations

	Blood Pressure Medication Nonadherence (Medicare)	Medicare Enrollees with Diabetes with Annual Exam	Preventable Hospitalizations per 100,000 Beneficiaries
<b>SIH Primary Service Area</b>	<b>21.1%</b>	<b>88.3%</b>	<b>3,468</b>
<b>Franklin County, IL</b>	<b>20.7%</b>	<b>89.46%</b>	<b>3,551</b>
<b>Jackson County, IL</b>	<b>20.7%</b>	<b>87.16%</b>	<b>3,443</b>
<b>Saline County, IL</b>	<b>22.0%</b>	<b>90.18%</b>	<b>3,194</b>
<b>Williamson County, IL</b>	<b>21.2%</b>	<b>87.49%</b>	<b>3,543</b>
62272-Percy/Willisville	19.6%	89.09%	3,540
62274-Pinkneyville	20.6%	82.79%	2,979
62280-Rockwood/Glenn	19.8%	89.26%	3,583
62812-Benton	20.7%	89.46%	3,551
62819-Buckner	20.7%	89.46%	3,551
62822-Christopher	20.7%	89.46%	3,551
62825-Coello	20.7%	89.46%	3,551
62832-Du Quoin/Saint Johns	20.6%	82.84%	2,984
62836-Ewing	20.7%	89.25%	3,536
62841-Freeman Spur	21.2%	87.49%	3,543
62856-Logan	20.7%	89.46%	3,551
62859-McLeansboro	20.1%	83.02%	3,728
62860-Macedonia	20.6%	88.85%	3,569
62865-Mulkeytown	20.7%	89.46%	3,551
62869-Norris City	19.9%	89.63%	3,526
62874-Orient	20.7%	89.46%	3,551
62883-Scheller	20.1%	86.48%	3,315
62884-Sesser	20.7%	89.46%	3,551
62890-Thompsonville	20.8%	88.58%	3,555
62891-Valler	20.7%	89.46%	3,551
62896-West Frankfort	20.7%	89.35%	3,551
62897-Whittington	20.7%	89.46%	3,551
62901-Carbondale	20.7%	87.18%	3,447
62902-Carbondale	20.9%	87.29%	3,474
62903-Carbondale	20.7%	87.16%	3,443
62905-Alto Pass	20.4%	89.98%	3,243
62907-Ava	20.7%	87.16%	3,443
62915-Cambria	21.2%	87.49%	3,543
62916-Ava	20.4%	87.51%	3,445

	Blood Pressure Medication Nonadherence (Medicare)	Medicare Enrollees with Diabetes with Annual Exam	Preventable Hospitalizations per 100,000 Beneficiaries
62917-Carrier Mills	22.0%	90.07%	3,207
62918-Carterville	21.2%	87.49%	3,543
62920-Cobden	20.3%	90.51%	3,202
62921-Colp	21.2%	87.49%	3,543
62922-Creal Springs	21.1%	87.76%	3,617
62924-De Soto/Hurst	20.8%	87.23%	3,460
62927-Dowell	20.7%	87.16%	3,443
62930-Eldorado	22.0%	90.18%	3,198
62932-Elkville	20.7%	87.18%	3,444
62933-Energy	21.2%	87.49%	3,543
62934-Equality/Kedron	21.6%	90.75%	4,140
62935-Galatia	21.9%	89.99%	3,209
62939-Goreville	20.7%	88.66%	3,845
62940-Gorham	20.7%	87.16%	3,443
62942-Grand Tower	20.7%	87.16%	3,443
62946-Harrisburg	22.0%	90.18%	3,195
62947-Herod/Hicks/Derby/Eagle	22.6%	89.14%	3,463
62948-Herrin	21.2%	87.49%	3,543
62949-Hurst	21.2%	87.49%	3,543
62950-Jacob	20.7%	87.16%	3,443
62951-Johnston City	21.2%	87.49%	3,543
62958-Makanda	20.7%	87.48%	3,430
62959-Marion	21.2%	87.49%	3,543
62965-Muddy	22.0%	90.18%	3,194
62966-Murphysboro	20.7%	87.16%	3,443
62967-New Burnside	20.7%	88.62%	3,852
62974-Pittsburg	21.2%	87.49%	3,543
62975-Pomona	20.7%	87.16%	3,443
62977-Raleigh	22.0%	90.18%	3,194
62983-Royalton	20.7%	89.46%	3,551
62987-Stonefront	21.6%	88.95%	3,379
62994-Vergennes	20.7%	87.16%	3,443
62999-Zeigler	20.7%	89.46%	3,551

## Preventive Services – Blood Pressure, Diabetes, and Preventable Hospitalizations

	Blood Pressure Medication Nonadherence (Medicare)	Medicare Enrollees with Diabetes with Annual Exam	Preventable Hospitalizations per 100,000 Beneficiaries
<b>SIH Secondary Service Area</b>	<b>20.5%</b>	<b>87.4%</b>	<b>3,281</b>
<b>Johnson County, IL</b>	<b>20.7%</b>	<b>88.68%</b>	<b>3,868</b>
<b>Perry County, IL</b>	<b>20.6%</b>	<b>82.79%</b>	<b>2,979</b>
<b>Union County, IL</b>	<b>20.3%</b>	<b>90.52%</b>	<b>3,201</b>
62237--Coulterville	19.8%	87.67%	3,390
62238-Cutler	20.6%	82.79%	2,979
62263-Nashville	20.2%	84.98%	3,122
62268-Oakdale/Lively Grove	20.2%	84.90%	3,116
62272-Percy	19.6%	89.09%	3,540
62274-Pinckneyville	20.6%	82.79%	2,979
62831-Du Bois/Radom	20.2%	84.86%	3,113
62832- Du Quoin	20.6%	82.84%	2,984
62883-Scheller	20.1%	86.48%	3,315
62888-Tamaroa	20.6%	82.79%	2,979
62902-Carbondale	20.9%	87.29%	3,474
62905-Alto Pass	20.4%	89.98%	3,243
62906-Anna	20.3%	90.52%	3,201
62908-Belknap	21.3%	90.41%	3,942

	Blood Pressure Medication Nonadherence (Medicare)	Medicare Enrollees with Diabetes with Annual Exam	Preventable Hospitalizations per 100,000 Beneficiaries
62912-Buncombe	20.5%	89.63%	3,499
62916-Campbell Hill	20.4%	87.51%	3,445
62920-Cobden	20.3%	90.51%	3,202
62922-Cypress	21.1%	87.76%	3,617
62923-Cypress	20.7%	88.65%	3,838
62926-Dongola	20.5%	89.81%	3,231
62939-Goreville	20.7%	88.66%	3,845
62943-Grantsburg	21.0%	89.41%	3,842
62952-Jonesboro	20.4%	90.48%	3,198
62957-McClure	25.8%	88.95%	3,044
62958-Makanda	20.7%	87.48%	3,430
62961-Millcreek	20.3%	90.52%	3,201
62967-New Burnside	20.7%	88.62%	3,852
62972-Ozard	20.7%	88.69%	3,859
62985-Simpson	21.2%	89.00%	3,608
62995-Vienna	20.7%	88.68%	3,868
62997-Willisville	20.6%	82.79%	2,979
62998-Wolf Lake	20.3%	90.52%	3,201

Data Source: See page 78.



## Preventive Services – Cancer Screenings

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	Adults age 50-75 with Adequate Colorectal Cancer Screening (Crude)	Females age 21-65 with Recent Pap Smear (Crude)	Females age 50-74 with Recent Mammogram (Crude)
<b>SIH CHNA Community</b>	<b>61.2%</b>	<b>78.7%</b>	<b>69.0%</b>
<b>SIH Primary Service Area</b>	<b>61.8%</b>	<b>78.6%</b>	<b>68.9%</b>
Franklin County, IL	60.0%	78.6%	64.1%
Jackson County, IL	61.0%	76.3%	70.6%
Saline County, IL	62.0%	78.8%	67.0%
Williamson County, IL	63.5%	80.6%	70.8%
<b>SIH Secondary Service Area</b>	<b>58.7%</b>	<b>79.0%</b>	<b>69.5%</b>
Johnson County, IL	56.8%	79.4%	64.8%
Perry County, IL	60.2%	78.4%	70.8%
Union County, IL	58.5%	79.5%	71.7%
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>61.2%</b>	<b>78.8%</b>	<b>69.6%</b>
<b>State/National Benchmark</b>			
Illinois	60.2%	80.3%	73.5%
United States	66.3%	82.8%	76.5%

### Colorectal Cancer Screening

This indicator reports the percentage of adults age 50-75 with adequate colorectal cancer screening.

### Pap Smear Screening

This indicator reports the percentage of females age 21–65 years who report having had a Papanicolaou (Pap) smear within the previous 3 years.

### Mammogram Screening

This indicator reports the percentage of females age 50-74 years who report having had a mammogram within the previous 2 years.

Colorectal Cancer Screening Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2022.

Pap Smear Screening Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2020.

Mammogram Screening Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2022.


# Preventive Services – Cancer Screenings

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	Adults age 50-75 with Adequate Colorectal Cancer Screening (Crude)	Females age 21-65 with Recent Pap Smear (Crude)	Females age 50-74 with Recent Mammogram (Crude)
<b>SIH Primary Service Area</b>	<b>61.8%</b>	<b>78.6%</b>	<b>68.9%</b>
<b>Franklin County, IL</b>	60.0%	78.6%	64.1%
<b>Jackson County, IL</b>	61.0%	76.3%	70.6%
<b>Saline County, IL</b>	62.0%	78.8%	67.0%
<b>Williamson County, IL</b>	63.5%	80.6%	70.8%
62272-Percy/Willisville	60.0%	79.1%	69.2%
62274-Pinkneyville	61.2%	78.1%	70.2%
62280-Rockwood/Glenn	65.3%	79.9%	69.4%
62812-Benton	62.2%	78.3%	68.0%
62819-Buckner	63.5%	80.8%	71.9%
62822-Christopher	59.5%	77.8%	64.8%
62825-Coello	65.1%	80.4%	67.1%
62832-Du Quoin/Saint Johns	61.7%	79.1%	67.4%
62836-Ewing	62.4%	80.9%	68.2%
62841-Freeman Spur	65.4%	76.8%	71.0%
62856-Logan	62.4%	79.7%	70.6%
62859-McLeansboro	62.2%	79.9%	69.0%
62860-Macedonia	64.5%	81.7%	71.4%
62865-Mulkeytown	64.8%	80.2%	68.5%
62869-Norris City	62.9%	79.9%	67.2%
62874-Orient	59.8%	77.5%	72.0%
62883-Scheller	60.9%	81.2%	71.1%
62884-Sesser	60.9%	81.4%	70.2%
62890-Thompsonville	63.0%	81.0%	69.7%
62891-Valler	67.4%	81.1%	70.1%
62896-West Frankfort	60.6%	77.6%	65.7%
62897-Whittington	62.6%	79.5%	67.4%
62901-Carbondale	61.4%	71.0%	72.1%
62902-Carbondale	63.5%	76.9%	70.3%
62903-Carbondale	62.1%	72.2%	71.3%
62905-Alto Pass	65.9%	80.6%	70.4%
62907-Ava	60.6%	80.3%	69.3%
62915-Cambria	61.8%	79.3%	68.9%
62916-Ava	63.5%	79.9%	70.6%

	Adults age 50-75 with Adequate Colorectal Cancer Screening (Crude)	Females age 21-65 with Recent Pap Smear (Crude)	Females age 50-74 with Recent Mammogram (Crude)
62917-Carrier Mills	64.4%	80.1%	70.8%
62918-Carterville	62.8%	81.4%	72.9%
62920-Cobden	64.6%	79.8%	71.9%
62921-Colp	61.8%	79.9%	73.8%
62922-Creal Springs	64.0%	81.1%	70.6%
62924-De Soto/Hurst	60.7%	78.4%	69.7%
62927-Dowell	60.6%	79.9%	67.8%
62930-Eldorado	62.2%	77.3%	67.7%
62932-Elkville	60.7%	79.8%	66.3%
62933-Energy	69.4%	81.3%	73.7%
62934-Equality/Kedron	63.1%	77.4%	69.4%
62935-Galatia	62.2%	80.8%	70.1%
62939-Goreville	65.6%	82.0%	69.8%
62940-Gorham	63.0%	79.9%	68.9%
62942-Grand Tower	62.5%	78.6%	65.9%
62946-Harrisburg	62.2%	78.8%	68.3%
62947-Herod/Hicks/Derby/Eagle	65.8%	79.5%	71.7%
62948-Herrin	62.8%	79.0%	70.7%
62949-Hurst	64.4%	78.9%	66.1%
62950-Jacob	62.6%	80.1%	67.3%
62951-Johnston City	61.6%	80.4%	70.1%
62958-Makanda	67.3%	82.4%	72.0%
62959-Marion	63.8%	80.0%	72.3%
62965-Muddy	67.6%	81.1%	73.8%
62966-Murphysboro	64.3%	79.4%	71.3%
62967-New Burnside	65.6%	82.3%	70.8%
62974-Pittsburg	61.8%	81.0%	70.1%
62975-Pomona	65.1%	79.7%	66.7%
62977-Raleigh	65.9%	80.8%	71.6%
62983-Royalton	62.5%	79.0%	68.8%
62987-Stonefront	66.8%	81.0%	71.1%
62994-Vergennes	62.3%	81.1%	69.1%
62999-Zeigler	62.3%	79.0%	69.6%

Data Source: See page 81.

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## Preventive Services – Cancer Screenings

	Adults age 50-75 with Adequate Colorectal Cancer Screening (Crude)	Females age 21-65 with Recent Pap Smear (Crude)	Females age 50-74 with Recent Mammogram (Crude)
<b>SIH Secondary Service Area</b>	<b>58.7%</b>	<b>79.0%</b>	<b>69.5%</b>
<b>Johnson County, IL</b>	56.8%	79.4%	64.8%
<b>Perry County, IL</b>	60.2%	78.4%	70.8%
<b>Union County, IL</b>	58.5%	79.5%	71.7%
62237--Coulterville	63.8%	80.4%	70.5%
62238-Cutler	59.9%	79.5%	69.6%
62263-Nashville	65.3%	81.5%	71.4%
62268-Oakdale/Lively Grove	67.2%	81.8%	69.5%
62272-Percy	60.0%	79.1%	69.2%
62274-Pinckneyville	61.2%	78.1%	70.2%
62831-Du Bois/Radom	66.4%	81.1%	75.2%
62832- Du Quoin	61.7%	79.1%	67.4%
62883-Scheller	60.9%	81.2%	71.1%
62888-Tamaroa	62.8%	80.0%	69.9%
62902-Carbondale	63.5%	76.9%	70.3%
62905-Alto Pass	65.9%	80.6%	70.4%
62906-Anna	61.6%	78.6%	67.0%
62908-Belknap	61.9%	80.0%	69.3%

Data Source: See page 81.

	Adults age 50-75 with Adequate Colorectal Cancer Screening (Crude)	Females age 21-65 with Recent Pap Smear (Crude)	Females age 50-74 with Recent Mammogram (Crude)
62912-Buncombe	63.3%	81.1%	69.3%
62916-Campbell Hill	63.5%	79.9%	70.4%
62920-Cobden	64.6%	79.8%	70.6%
62922-Cypress	64.0%	81.1%	71.9%
62923-Cypress	62.7%	79.6%	70.6%
62926-Dongola	61.0%	79.0%	68.7%
62939-Goreville	65.6%	82.0%	70.2%
62943-Grantsburg	59.7%	79.4%	69.8%
62952-Jonesboro	62.8%	79.1%	61.3%
62957-McClure	60.0%	77.4%	70.6%
62958-Makanda	67.3%	82.4%	68.2%
62961-Millcreek	61.0%	80.7%	72.0%
62967-New Burnside	65.6%	82.3%	70.3%
62972-Ozard	68.0%	82.2%	70.8%
62985-Simpson	65.8%	80.7%	70.5%
62995-Vienna	52.7%	79.7%	70.9%
62997-Willisville	61.3%	79.5%	68.4%
62998-Wolf Lake	63.5%	79.7%	68.4%

## Health Outcomes and Mortality – Cancer Incidence Rates

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### Cancer Incidence Rates

These indicators report the age adjusted incidence rate (cases per 100,000 population per year) of individuals with cancer adjusted to 2000 U.S. standard population age groups (Under Age 1, 1-4, 5-9, ..., 80-84, 85 and older).

	Breast Cancer Incidence Rate (Per 100,000 Females)	Colorectal Cancer Incidence Rate (Per 100,000 Population)	Lung Cancer Incidence Rate (Per 100,000 Population)	Prostate Cancer Incidence Rate (Per 100,000 Males)
<b>SIH CHNA Community</b>	<b>125.5</b>	<b>47.1</b>	<b>79.7</b>	<b>104.3</b>
<b>SIH Primary Service Area</b>	<b>124.7</b>	<b>46.7</b>	<b>78.1</b>	106.4
Franklin County, IL	136.1	46.5	85.5	91.7
Jackson County, IL	127.8	42.5	71.5	101.0
Saline County, IL	114.5	49.9	78.3	118.0
Williamson County, IL	119.3	48.6	78.0	115.0
<b>SIH Secondary Service Area</b>	<b>128.2</b>	<b>48.2</b>	<b>84.9</b>	<b>97.3</b>
Johnson County, IL	122.0	42.3	87.4	100.2
Perry County, IL	121.3	58.7	86.7	98.2
Union County, IL	139.5	41.7	81.3	94.0
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>124.0</b>	<b>46.9</b>	<b>80.0</b>	106.9
<b>State/National Benchmark</b>				
Illinois	132.6	39.8	59.3	115.1
United States	127.0	36.5	54.0	110.5

Data Source: State Cancer Profiles. 2016-20. Source geography: County


# Health Outcomes and Mortality – Cancer Incidence Rates

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	Breast Cancer Incidence Rate (Per 100,000 Females)	Colorectal Cancer Incidence Rate (Per 100,000 Population)	Lung Cancer Incidence Rate (Per 100,000 Population)	Prostate Cancer Incidence Rate (Per 100,000 Males)
<b>SIH Primary Service Area</b>	<b>124.7</b>	<b>46.7</b>	<b>78.1</b>	<b>106.4</b>
<b>Franklin County, IL</b>	<b>136.1</b>	<b>46.5</b>	<b>85.5</b>	<b>91.7</b>
<b>Jackson County, IL</b>	<b>127.8</b>	<b>42.5</b>	<b>71.5</b>	<b>101.0</b>
<b>Saline County, IL</b>	<b>114.5</b>	<b>49.9</b>	<b>78.3</b>	<b>118.0</b>
<b>Williamson County, IL</b>	<b>119.3</b>	<b>48.6</b>	<b>78.0</b>	<b>115.0</b>
62272-Percy/Willisville	Suppressed	Suppressed	Suppressed	Suppressed
62274-Pinkneyville	124.2	60.1	85.2	95.7
62280-Rockwood/Glenn	Suppressed	Suppressed	Suppressed	Suppressed
62812-Benton	139.5	49.3	86.7	97.3
62819-Buckner	Suppressed	Suppressed	Suppressed	Suppressed
62822-Christopher	152.0	Suppressed	92.4	Suppressed
62825-Coello	Suppressed	Suppressed	Suppressed	Suppressed
62832-Du Quoin/Saint Johns	124.7	60.3	89.7	98.9
62836-Ewing	Suppressed	Suppressed	Suppressed	Suppressed
62841-Freeman Spur	Suppressed	Suppressed	Suppressed	Suppressed
62856-Logan	Suppressed	Suppressed	Suppressed	Suppressed
62859-McLeansboro	92.8	38.4	57.8	88.2
62860-Macedonia	Suppressed	Suppressed	Suppressed	Suppressed
62865-Mulkeytown	Suppressed	Suppressed	94.5	Suppressed
62869-Norris City	Suppressed	Suppressed	70.4	Suppressed
62874-Orient	Suppressed	Suppressed	Suppressed	Suppressed
62883-Scheller	Suppressed	Suppressed	Suppressed	Suppressed
62884-Sesser	143.5	Suppressed	87.2	Suppressed
62890-Thompsonville	Suppressed	Suppressed	73.4	Suppressed
62891-Valler	Suppressed	Suppressed	Suppressed	Suppressed
62896-West Frankfort	135.1	47.8	83.9	94.2
62897-Whittington	Suppressed	Suppressed	Suppressed	Suppressed
62901-Carbondale	129.0	43.4	73.1	101.3
62902-Carbondale	111.8	Suppressed	70.9	111.0
62903-Carbondale	Suppressed	Suppressed	Suppressed	Suppressed
62905-Alto Pass	Suppressed	Suppressed	Suppressed	Suppressed
62907-Ava	Suppressed	Suppressed	Suppressed	Suppressed
62915-Cambria	Suppressed	Suppressed	Suppressed	Suppressed
62916-Ava	Suppressed	Suppressed	Suppressed	Suppressed

	Breast Cancer Incidence Rate (Per 100,000 Females)	Colorectal Cancer Incidence Rate (Per 100,000 Population)	Lung Cancer Incidence Rate (Per 100,000 Population)	Prostate Cancer Incidence Rate (Per 100,000 Males)
62917-Carrier Mills	Suppressed	Suppressed	83.0	Suppressed
62918-Carterville	117.0	50.4	78.5	110.6
62920-Cobden	130.6	Suppressed	83.0	Suppressed
62921-Colp	Suppressed	Suppressed	Suppressed	Suppressed
62922-Creal Springs	Suppressed	Suppressed	71.9	Suppressed
62924-De Soto/Hurst	Suppressed	Suppressed	86.6	Suppressed
62927-Dowell	Suppressed	Suppressed	Suppressed	Suppressed
62930-Eldorado	119.0	49.0	81.3	123.1
62932-Elkville	Suppressed	Suppressed	Suppressed	Suppressed
62933-Energy	Suppressed	Suppressed	Suppressed	Suppressed
62934-Equality/Kedron	Suppressed	Suppressed	Suppressed	Suppressed
62935-Galatia	Suppressed	Suppressed	Suppressed	Suppressed
62939-Goreville	141.4	Suppressed	87.4	Suppressed
62940-Gorham	Suppressed	Suppressed	Suppressed	Suppressed
62942-Grand Tower	Suppressed	Suppressed	Suppressed	Suppressed
62946-Harrisburg	111.9	51.6	75.8	114.2
62947-Herod/Hicks/Derby/Eagle	Suppressed	Suppressed	Suppressed	Suppressed
62948-Herrin	122.9	48.4	77.0	116.2
62949-Hurst	Suppressed	Suppressed	Suppressed	Suppressed
62950-Jacob	Suppressed	Suppressed	Suppressed	Suppressed
62951-Johnston City	120.0	44.3	80.5	113.5
62958-Makanda	Suppressed	Suppressed	Suppressed	Suppressed
62959-Marion	117.1	49.4	77.3	116.0
62965-Muddy	Suppressed	Suppressed	Suppressed	Suppressed
62966-Murphysboro	129.5	41.6	68.9	95.4
62967-New Burnside	Suppressed	Suppressed	Suppressed	Suppressed
62974-Pittsburg	Suppressed	Suppressed	Suppressed	Suppressed
62975-Pomona	Suppressed	Suppressed	Suppressed	Suppressed
62977-Raleigh	Suppressed	Suppressed	Suppressed	Suppressed
62983-Royalton	Suppressed	Suppressed	Suppressed	Suppressed
62987-Stonefront	Suppressed	Suppressed	Suppressed	Suppressed
62994-Vergennes	Suppressed	Suppressed	Suppressed	Suppressed
62999-Zeigler	Suppressed	Suppressed	Suppressed	Suppressed

Data Source: State Cancer Profiles. 2016-20. Source geography: County

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## Health Outcomes and Mortality – Cancer Incidence Rates

	Breast Cancer Incidence Rate (Per 100,000 Females)	Colorectal Cancer Incidence Rate (Per 100,000 Population)	Lung Cancer Incidence Rate (Per 100,000 Population)	Prostate Cancer Incidence Rate (Per 100,000 Males)
<b>SIH Secondary Service Area</b>	<b>128.2</b>	<b>48.2</b>	<b>84.9</b>	<b>97.3</b>
<b>Johnson County, IL</b>	<b>122.0</b>	<b>42.3</b>	<b>87.4</b>	<b>100.2</b>
<b>Perry County, IL</b>	<b>121.3</b>	<b>58.7</b>	<b>86.7</b>	<b>98.2</b>
<b>Union County, IL</b>	<b>139.5</b>	<b>41.7</b>	<b>81.3</b>	<b>94.0</b>
62237--Coulterville	Suppressed	Suppressed	84.1	Suppressed
62238-Cutler	Suppressed	Suppressed	Suppressed	Suppressed
62263-Nashville	113.7	42.6	64.3	152.8
62268-Oakdale/Lively Grove	Suppressed	Suppressed	Suppressed	Suppressed
62272-Percy	Suppressed	Suppressed	Suppressed	Suppressed
62274-Pinckneyville	124.2	60.1	85.2	95.7
62831-Du Bois/Radom	Suppressed	Suppressed	Suppressed	Suppressed
62832- Du Quoin	124.7	60.3	89.7	98.9
62883-Scheller	Suppressed	Suppressed	Suppressed	Suppressed
62888-Tamaroa	Suppressed	Suppressed	Suppressed	Suppressed
62902-Carbondale	111.8	Suppressed	70.9	111.0
62905-Alto Pass	Suppressed	Suppressed	Suppressed	Suppressed
62906-Anna	143.2	43.8	85.4	90.5
62908-Belknap	Suppressed	Suppressed	Suppressed	Suppressed

Data Source: State Cancer Profiles. 2016-20. Source geography: County.

	Breast Cancer Incidence Rate (Per 100,000 Females)	Colorectal Cancer Incidence Rate (Per 100,000 Population)	Lung Cancer Incidence Rate (Per 100,000 Population)	Prostate Cancer Incidence Rate (Per 100,000 Males)
62912-Buncombe	Suppressed	Suppressed	Suppressed	Suppressed
62916-Campbell Hill	Suppressed	Suppressed	Suppressed	Suppressed
62920-Cobden	130.6	Suppressed	83.0	Suppressed
62922-Cypress	Suppressed	Suppressed	71.9	Suppressed
62923-Cypress	Suppressed	Suppressed	Suppressed	Suppressed
62926-Dongola	Suppressed	Suppressed	91.8	Suppressed
62939-Goreville	141.4	Suppressed	87.4	Suppressed
62943-Grantsburg	Suppressed	Suppressed	Suppressed	Suppressed
62952-Jonesboro	132.0	Suppressed	83.8	Suppressed
62957-McClure	Suppressed	Suppressed	Suppressed	Suppressed
62958-Makanda	Suppressed	Suppressed	Suppressed	Suppressed
62961-Millcreek	Suppressed	Suppressed	Suppressed	Suppressed
62967-New Burnside	Suppressed	Suppressed	Suppressed	Suppressed
62972-Ozard	Suppressed	Suppressed	Suppressed	Suppressed
62985-Simpson	Suppressed	Suppressed	Suppressed	Suppressed
62995-Vienna	121.4	46.3	90.1	109.7
62997-Willisville	Suppressed	Suppressed	Suppressed	Suppressed
62998-Wolf Lake	Suppressed	Suppressed	Suppressed	Suppressed

## Health Outcomes and Mortality – Chronic Conditions

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	Percentage of Adults with Diagnosed Diabetes (Age-Adjusted)	Percentage of Adults Ever Diagnosed with Coronary Heart Disease Crude	Percentage of Adults with High Blood Pressure
<b>SIH CHNA Community</b>	<b>7.8%</b>	<b>8.1%</b>	<b>36.1%</b>
<b>SIH Primary Service Area</b>	<b>8.0%</b>	<b>8.0%</b>	<b>35.5%</b>
Franklin County, IL	8.9%	9.2%	38.4%
Jackson County, IL	8.3%	7.2%	32.5%
Saline County, IL	7.0%	8.8%	38.0%
Williamson County, IL	7.6%	7.6%	35.5%
<b>SIH Secondary Service Area</b>	<b>7.1%</b>	<b>8.7%</b>	<b>38.2%</b>
Johnson County, IL	7.2%	7.8%	36.7%
Perry County, IL	7.2%	9.3%	38.8%
Union County, IL	6.9%	8.6%	38.7%
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>7.6%</b>	<b>8.4%</b>	<b>37.1%</b>
<b>State/National Benchmark</b>			
Illinois	<b>8.2%</b>	<b>6.3%</b>	<b>31.8%</b>
United States	<b>8.9%</b>	<b>6.8%</b>	<b>32.7%</b>

Diabetes Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2021. Source geography: County

Coronary Heart Disease Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2022.

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

### Diabetes

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.

### Coronary Heart Disease

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.

### High Blood Pressure

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

# Health Outcomes and Mortality – Chronic Conditions

	Percentage of Adults with Diagnosed Diabetes (Age-Adjusted)	Percentage of Adults Ever Diagnosed with Coronary Heart Disease (Crude)	Percentage of Adults with High Blood Pressure (Crude)
<b>SIH Primary Service Area</b>	<b>8.0%</b>	<b>8.0%</b>	<b>35.5%</b>
<b>Franklin County, IL</b>	<b>8.9%</b>	<b>9.2%</b>	<b>38.4%</b>
<b>Jackson County, IL</b>	<b>8.3%</b>	<b>7.2%</b>	<b>32.5%</b>
<b>Saline County, IL</b>	<b>7.0%</b>	<b>8.8%</b>	<b>38.0%</b>
<b>Williamson County, IL</b>	<b>7.6%</b>	<b>7.6%</b>	<b>35.5%</b>
62272-Percy/Willisville	7.0%	8.9%	38.2%
62274-Pinkneyville	7.2%	8.1%	37.1%
62280-Rockwood/Glenn	7.5%	8.3%	39.4%
62812-Benton	8.9%	9.2%	39.4%
62819-Buckner	8.9%	8.6%	39.2%
62822-Christopher	8.9%	8.8%	39.2%
62825-Coello	8.9%	9.0%	38.7%
62832-Du Quoin/Saint Johns	7.2%	9.3%	39.6%
62836-Ewing	8.8%	7.5%	35.3%
62841-Freeman Spur	7.6%	9.3%	39.7%
62856-Logan	8.9%	9.1%	39.4%
62859-McLeansboro	7.0%	9.4%	38.8%
62860-Macedonia	8.3%	8.3%	37.8%
62865-Mulkeytown	8.9%	10.1%	41.1%
62869-Norris City	7.2%	8.5%	38.9%
62874-Orient	8.9%	8.0%	36.6%
62883-Scheller	7.9%	8.6%	37.5%
62884-Sesser	8.9%	9.3%	37.4%
62890-Thompsonville	8.4%	8.1%	37.3%
62891-Valler	8.9%	9.4%	39.0%
62896-West Frankfort	8.8%	9.5%	40.8%
62897-Whittington	8.9%	8.9%	37.8%
62901-Carbondale	8.3%	5.3%	29.1%
62902-Carbondale	8.1%	8.2%	38.1%
62903-Carbondale	8.3%	6.8%	33.6%
62905-Alto Pass	7.0%	8.3%	37.2%
62907-Ava	8.3%	8.8%	37.5%
62915-Cambria	7.6%	7.0%	33.5%
62916-Ava	8.0%	8.4%	36.8%

	Percentage of Adults with Diagnosed Diabetes (Age-Adjusted)	Percentage of Adults Ever Diagnosed with Coronary Heart Disease (Crude)	Percentage of Adults with High Blood Pressure (Crude)
62917-Carrier Mills	7.0%	9.4%	39.7%
62918-Carterville	7.6%	7.0%	33.4%
62920-Cobden	6.9%	9.0%	39.5%
62921-Colp	7.6%	8.4%	43.9%
62922-Creal Springs	7.5%	8.5%	38.0%
62924-De Soto/Hurst	8.2%	7.8%	35.9%
62927-Dowell	8.3%	8.7%	37.7%
62930-Eldorado	7.0%	9.9%	39.4%
62932-Elkville	8.3%	8.9%	38.4%
62933-Energy	7.6%	8.4%	37.7%
62934-Equality/Kedron	7.1%	10.7%	41.9%
62935-Galatia	7.0%	8.9%	37.5%
62939-Goreville	7.2%	8.6%	38.4%
62940-Gorham	8.3%	9.6%	39.9%
62942-Grand Tower	8.3%	8.9%	41.1%
62946-Harrisburg	7.0%	8.6%	38.4%
62947-Herod/Hicks/Derby/Eagle	7.1%	10.0%	41.7%
62948-Herrin	7.6%	8.1%	37.2%
62949-Hurst	7.6%	9.3%	37.8%
62950-Jacob	8.3%	9.5%	38.9%
62951-Johnston City	7.6%	8.3%	35.6%
62958-Makanda	8.1%	7.6%	35.7%
62959-Marion	7.6%	8.0%	37.5%
62965-Muddy	7.0%	6.9%	34.1%
62966-Murphysboro	8.3%	8.9%	38.5%
62967-New Burnside	7.2%	9.0%	38.9%
62974-Pittsburg	7.6%	8.2%	36.5%
62975-Pomona	8.3%	10.1%	40.4%
62977-Raleigh	7.0%	8.1%	37.5%
62983-Royalton	8.9%	9.3%	40.0%
62987-Stonefront	7.3%	8.2%	37.2%
62994-Vergennes	8.3%	10.1%	39.6%
62999-Zeigler	8.9%	8.6%	37.7%

Data Source: See page 87.



## Health Outcomes and Mortality – Chronic Conditions

	Percentage of Adults with Diagnosed Diabetes (Age-Adjusted)	Percentage of Adults Ever Diagnosed with Coronary Heart Disease (Crude)	Percentage of Adults with High Blood Pressure (Crude)
<b>SIH Secondary Service Area</b>	<b>7.1%</b>	<b>8.7%</b>	<b>38.2%</b>
<b>Johnson County, IL</b>	<b>7.2%</b>	<b>7.8%</b>	<b>36.7%</b>
<b>Perry County, IL</b>	<b>7.2%</b>	<b>9.3%</b>	<b>38.8%</b>
<b>Union County, IL</b>	<b>6.9%</b>	<b>8.6%</b>	<b>38.7%</b>
62237--Coulterville	7.1%	9.1%	38.6%
62238-Cutler	7.2%	7.7%	34.8%
62263-Nashville	7.1%	7.7%	36.0%
62268-Oakdale/Lively Grove	7.1%	8.5%	37.2%
62272-Percy	7.0%	8.9%	38.2%
62274-Pinckneyville	7.2%	8.1%	37.1%
62831-Du Bois/Radom	7.1%	8.7%	38.8%
62832- Du Quoin	7.2%	9.3%	39.6%
62883-Scheller	7.9%	8.6%	37.5%
62888-Tamaroa	7.2%	9.1%	38.4%
62902-Carbondale	8.1%	8.2%	38.1%
62905-Alto Pass	7.0%	8.3%	37.2%
62906-Anna	6.9%	9.4%	39.4%
62908-Belknap	7.3%	10.7%	42.5%

	Percentage of Adults with Diagnosed Diabetes (Age-Adjusted)	Percentage of Adults Ever Diagnosed with Coronary Heart Disease (Crude)	Percentage of Adults with High Blood Pressure (Crude)
62912-Buncombe	7.1%	8.8%	37.7%
62916-Campbell Hill	8.0%	8.4%	36.8%
62920-Cobden	6.9%	9.0%	39.5%
62922-Cypress	7.5%	8.5%	38.0%
62923-Cypress	7.2%	9.7%	37.7%
62926-Dongola	7.0%	9.5%	38.0%
62939-Goreville	7.2%	8.6%	38.4%
62943-Grantsburg	7.3%	10.9%	40.7%
62952-Jonesboro	6.9%	8.4%	38.3%
62957-McClure	7.7%	9.9%	39.6%
62958-Makanda	8.1%	7.6%	35.7%
62961-Millcreek	6.9%	1.4%	38.0%
62967-New Burnside	7.2%	9.0%	38.9%
62972-Ozard	7.2%	8.8%	38.1%
62985-Simpson	7.3%	8.6%	37.7%
62995-Vienna	7.2%	9.5%	44.6%
62997-Willisville	7.2%	7.5%	35.1%
62998-Wolf Lake	6.9%	9.7%	38.8%

Data Source: See page 87.

# Health Outcomes and Mortality – Mortality

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## Cancer Deaths

This indicator reports the 2018-2022 five-year average rate of death due to malignant neoplasm (cancer) per 100,000 population.

## Heart Disease Deaths

This indicator reports the 2018-2022 five-year average rate of death due to heart disease (ICD10 Codes I00-I09, I11, I13, I20-I151) per 100,000 population.

## Lung Disease Deaths

This indicator reports the 2018-2022 five-year average rate of death due to chronic lower respiratory disease per 100,000 population.

## Stroke Deaths

This indicator reports the 2018-2022 five-year average rate of death due to cerebrovascular disease (stroke) per 100,000 population.

Figures are reported as age-adjusted rates.

	Cancer Death Rate (Per 100,000 Population)	Heart Disease Death Rate (Per 100,000 Population)	Lung Disease Death Rate (Per 100,000 Population)	Stroke Death Rate (Per 100,000 Population)
<b>SIH CHNA Community</b>	<b>241.1</b>	<b>253.9</b>	<b>95.0</b>	<b>55.2</b>
<b>SIH Primary Service Area</b>	<b>238.3</b>	<b>245.7</b>	<b>95.8</b>	55.1
Franklin County, IL	290.1	272.2	125.3	67.4
Jackson County, IL	191.3	221.4	58.0	38.8
Saline County, IL	282.1	317.1	137.6	75.2
Williamson County, IL	232.3	225.7	95.6	54.5
<b>SIH Secondary Service Area</b>	<b>251.5</b>	<b>283.6</b>	<b>92.0</b>	<b>55.5</b>
Johnson County, IL	240.3	224.7	110.8	31.2
Perry County, IL	235.8	252.1	80.5	55.6
Union County, IL	279.6	368.1	92.0	74.1
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>255.5</b>	<b>272.2</b>	<b>100.4</b>	60.7
<b>State/National Benchmark</b>				
Illinois	187.9	208.6	42.4	50.9
United States	182.7	206.7	46.0	47.7

Data Source: Centers for Disease Control and Prevention, [CDC - National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2018-2022.

# Health Outcomes and Mortality – Mortality

	Cancer Death Rate (Per 100,000 Population)	Heart Disease Death Rate (Per 100,000 Population)	Lung Disease Death Rate (Per 100,000 Population)	Stroke Death Rate (Per 100,000 Population)
<b>SIH Primary Service Area</b>	<b>238.3</b>	<b>245.7</b>	<b>95.8</b>	<b>55.1</b>
<b>Franklin County, IL</b>	<b>290.1</b>	<b>272.2</b>	<b>125.3</b>	<b>67.4</b>
<b>Jackson County, IL</b>	<b>191.3</b>	<b>221.4</b>	<b>58.0</b>	<b>38.8</b>
<b>Saline County, IL</b>	<b>282.1</b>	<b>317.1</b>	<b>137.6</b>	<b>75.2</b>
<b>Williamson County, IL</b>	<b>232.3</b>	<b>225.7</b>	<b>95.6</b>	<b>54.5</b>
62272-Percy/Willisville	257.6	272.7	No data	No data
62274-Pinkneyville	235.8	252.1	80.5	55.6
62280-Rockwood/Glenn	No data	No data	No data	No data
62812-Benton	290.1	272.2	125.3	67.4
62819-Buckner	No data	No data	No data	No data
62822-Christopher	290.1	272.2	125.3	No data
62825-Coello	No data	No data	No data	No data
62832-Du Quoin/Saint Johns	235.3	251.7	80.3	55.4
62836-Ewing	288.7	273.8	No data	No data
62841-Freeman Spur	No data	No data	No data	No data
62856-Logan	No data	No data	No data	No data
62859-McLeansboro	280.7	295.6	106.8	62.1
62860-Macedonia	No data	No data	No data	No data
62865-Mulkeytown	290.1	272.2	125.3	No data
62869-Norris City	282.7	351.3	156.9	80.8
62874-Orient	No data	No data	No data	No data
62883-Scheller	No data	No data	No data	No data
62884-Sesser	290.1	272.2	125.3	No data
62890-Thompsonville	277.6	265.7	118.2	No data
62891-Valler	No data	No data	No data	No data
62896-West Frankfort	287.2	269.8	123.8	66.7
62897-Whittington	No data	No data	No data	No data
62901-Carbondale	193.0	221.5	59.5	39.4
62902-Carbondale	202.1	222.7	67.8	No data
62903-Carbondale	191.3	221.4	No data	No data
62905-Alto Pass	No data	350.8	No data	No data
62907-Ava	191.8	221.7	No data	No data
62915-Cambria	No data	No data	No data	No data
62916-Ava	205.5	232.3	No data	No data

	Cancer Death Rate (Per 100,000 Population)	Heart Disease Death Rate (Per 100,000 Population)	Lung Disease Death Rate (Per 100,000 Population)	Stroke Death Rate (Per 100,000 Population)
62917-Carrier Mills	279.5	312.3	135.4	No data
62918-Carterville	232.2	225.7	95.6	54.5
62920-Cobden	279.4	367.8	91.9	74.0
62921-Colp	No data	No data	No data	No data
62922-Creal Springs	233.9	225.5	98.6	No data
62924-De Soto/Hurst	196.8	221.9	No data	No data
62927-Dowell	No data	No data	No data	No data
62930-Eldorado	282.2	317.4	137.6	75.2
62932-Elkville	192.3	221.9	No data	No data
62933-Energy	232.3	225.7	No data	No data
62934-Equality/Kedron	321.5	380.8	No data	No data
62935-Galatia	281.7	316.2	136.9	No data
62939-Goreville	240.9	227.8	109.9	No data
62940-Gorham	No data	No data	No data	No data
62942-Grand Tower	No data	No data	No data	No data
62946-Harrisburg	282.2	317.2	137.4	75.3
62947-Herod/Hicks/Derby/Eagle	No data	374.0	No data	No data
62948-Herrin	232.3	225.7	95.6	54.5
62949-Hurst	No data	No data	No data	No data
62950-Jacob	No data	No data	No data	No data
62951-Johnston City	232.3	225.7	95.6	54.5
62958-Makanda	202.3	232.9	No data	No data
62959-Marion	232.3	225.7	95.6	54.5
62965-Muddy	No data	No data	No data	No data
62966-Murphysboro	191.3	221.4	58.0	38.8
62967-New Burnside	No data	No data	No data	No data
62974-Pittsburg	232.3	225.7	No data	No data
62975-Pomona	No data	No data	No data	No data
62977-Raleigh	No data	317.1	No data	No data
62983-Royalton	290.1	272.2	No data	No data
62987-Stonefront	266.8	286.7	No data	No data
62994-Vergennes	No data	No data	No data	No data
62999-Zeigler	290.1	272.2	No data	No data


## Health Outcomes and Mortality – Mortality

	Cancer Death Rate (Per 100,000 Population)	Heart Disease Death Rate (Per 100,000 Population)	Lung Disease Death Rate (Per 100,000 Population)	Stroke Death Rate (Per 100,000 Population)
<b>SIH Secondary Service Area</b>	<b>251.5</b>	<b>283.6</b>	<b>92.0</b>	<b>55.5</b>
<b>Johnson County, IL</b>	<b>240.3</b>	<b>224.7</b>	<b>110.8</b>	<b>31.2</b>
<b>Perry County, IL</b>	<b>235.8</b>	<b>252.1</b>	<b>80.5</b>	<b>55.6</b>
<b>Union County, IL</b>	<b>279.6</b>	<b>368.1</b>	<b>92.0</b>	<b>74.1</b>
62237--Coulterville	247.6	268.2	No data	No data
62238-Cutler	No data	No data	No data	No data
62263-Nashville	220.7	269.5	71.2	65.1
62268-Oakdale/Lively Grove	No data	No data	No data	No data
62272-Percy	257.6	272.7	No data	No data
62274-Pinckneyville	235.8	252.1	80.5	55.6
62831-Du Bois/Radom	No data	No data	No data	No data
62832- Du Quoin	235.3	251.7	80.3	55.4
62883-Scheller	No data	No data	No data	No data
62888-Tamaroa	235.8	252.1	No data	No data
62902-Carbondale	202.1	222.7	67.8	No data
62905-Alto Pass	No data	350.8	No data	No data
62906-Anna	279.6	368.1	92.0	74.1
62908-Belknap	No data	No data	No data	No data

	Cancer Death Rate (Per 100,000 Population)	Heart Disease Death Rate (Per 100,000 Population)	Lung Disease Death Rate (Per 100,000 Population)	Stroke Death Rate (Per 100,000 Population)
62912-Buncombe	258.3	290.4	No data	No data
62916-Campbell Hill	205.5	232.3	No data	No data
62920-Cobden	279.4	367.8	91.9	74.0
62922-Cypress	233.9	225.5	98.6	No data
62923-Cypress	No data	No data	No data	No data
62926-Dongola	286.8	379.4	No data	No data
62939-Goreville	240.9	227.8	109.9	No data
62943-Grantsburg	No data	No data	No data	No data
62952-Jonesboro	280.9	368.1	92.2	74.2
62957-McClure	402.7	371.1	No data	No data
62958-Makanda	202.3	232.9	No data	No data
62961-Millcreek	No data	No data	No data	No data
62967-New Burnside	No data	No data	No data	No data
62972-Ozard	241.6	227.1	No data	No data
62985-Simpson	268.0	278.5	No data	No data
62995-Vienna	240.3	224.7	110.8	No data
62997-Willisville	No data	No data	No data	No data
62998-Wolf Lake	No data	No data	No data	No data

Data Source: Centers for Disease Control and Prevention, [CDC - National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2018-2022.

## Injury and Violence – Mortality – Unintentional Injury

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### Death due to Unintentional Injury (Accident)

This indicator reports the 2018-2022 five-year average rate of death due to unintentional injury (accident) per 100,000 population.

	Unintentional Injury Death Rate (Per 100,000 Population)	Five Year Total Deaths, 2016-2020 Total
<b>SIH CHNA Community</b>	<b>64.3</b>	<b>751</b>
<b>SIH Primary Service Area</b>	<b>65.8</b>	<b>603</b>
Franklin County, IL	77.4	147
Jackson County, IL	62.3	172
Saline County, IL	73.5	86
Williamson County, IL	59.4	198
<b>SIH Secondary Service Area</b>	<b>58.7</b>	<b>148</b>
Johnson County, IL	65.5	42
Perry County, IL	62.3	65
Union County, IL	49.0	41
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>59.7</b>	<b>1,066</b>
<b>State/National Benchmark</b>		
Illinois	<b>54.6</b>	<b>34,542</b>
United States	<b>60.2</b>	<b>993,096</b>

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2018-2022. Source geography: County

# Injury and Violence – Mortality – Unintentional Injury

	Unintentional Injury Death Rate (Per 100,000 Population)	Five Year Total Deaths, 2016-2020 Total
<b>SIH Primary Service Area</b>	<b>65.8</b>	<b>603</b>
<b>Franklin County, IL</b>	<b>77.4</b>	<b>147</b>
<b>Jackson County, IL</b>	<b>62.3</b>	<b>172</b>
<b>Saline County, IL</b>	<b>73.5</b>	<b>86</b>
<b>Williamson County, IL</b>	<b>59.4</b>	<b>198</b>
62272-Percy/Willisville	No data	No data
62274-Pinkneyville	62.3	24
62280-Rockwood/Glenn	No data	No data
62812-Benton	77.4	43
62819-Buckner	No data	No data
62822-Christopher	77.4	11
62825-Coello	No data	No data
62832-Du Quoin/Saint Johns	62.3	28
62836-Ewing	No data	No data
62841-Freeman Spur	No data	No data
62856-Logan	No data	No data
62859-McLeansboro	42.2	11
62860-Macedonia	No data	No data
62865-Mulkeytown	No data	No data
62869-Norris City	No data	No data
62874-Orient	No data	No data
62883-Scheller	No data	No data
62884-Sesser	77.4	11
62890-Thompsonville	No data	No data
62891-Valler	No data	No data
62896-West Frankfort	76.5	44
62897-Whittington	No data	No data
62901-Carbondale	62.2	74
62902-Carbondale	61.5	14
62903-Carbondale	No data	No data
62905-Alto Pass	No data	No data
62907-Ava	No data	No data
62915-Cambria	No data	No data
62916-Ava	No data	No data

	Unintentional Injury Death Rate (Per 100,000 Population)	Five Year Total Deaths, 2016-2020 Total
62917-Carrier Mills	No data	No data
62918-Carterville	59.3	31
62920-Cobden	No data	No data
62921-Colp	No data	No data
62922-Creal Springs	No data	No data
62924-De Soto/Hurst	No data	No data
62927-Dowell	No data	No data
62930-Eldorado	73.4	21
62932-Elkville	No data	No data
62933-Energy	No data	No data
62934-Equality/Kedron	No data	No data
62935-Galatia	No data	No data
62939-Goreville	No data	No data
62940-Gorham	No data	No data
62942-Grand Tower	No data	No data
62946-Harrisburg	73.6	44
62947-Herod/Hicks/Derby/Eagle	No data	No data
62948-Herrin	59.3	37
62949-Hurst	No data	No data
62950-Jacob	No data	No data
62951-Johnston City	59.3	15
62958-Makanda	No data	No data
62959-Marion	59.3	81
62965-Muddy	No data	No data
62966-Murphysboro	62.3	46
62967-New Burnside	No data	No data
62974-Pittsburg	No data	No data
62975-Pomona	No data	No data
62977-Raleigh	No data	No data
62983-Royalton	No data	No data
62987-Stonefront	No data	No data
62994-Vergennes	No data	No data
62999-Zeigler	No data	No data

## Injury and Violence – Mortality – Unintentional Injury

	Unintentional Injury Death Rate (Per 100,000 Population)	Five Year Total Deaths, 2016-2020 Total
<b>SIH Secondary Service Area</b>	<b>58.7</b>	<b>148</b>
<b>Johnson County, IL</b>	<b>65.5</b>	<b>42</b>
<b>Perry County, IL</b>	<b>62.3</b>	<b>65</b>
<b>Union County, IL</b>	<b>49.0</b>	<b>41</b>
62237--Coulterville	No data	No data
62238-Cutler	No data	No data
62263-Nashville	69.5	18
62268-Oakdale/Lively Grove	No data	No data
62272-Percy	No data	No data
62274-Pinckneyville	62.3	24
62831-Du Bois/Radom	No data	No data
62832- Du Quoin	62.3	28
62883-Scheller	No data	No data
62888-Tamaroa	No data	No data
62902-Carbondale	61.5	14
62905-Alto Pass	No data	No data
62906-Anna	49.0	18
62908-Belknap	No data	No data

	Unintentional Injury Death Rate (Per 100,000 Population)	Five Year Total Deaths, 2016-2020 Total
62912-Buncombe	No data	No data
62916-Campbell Hill	No data	No data
62920-Cobden	No data	No data
62922-Cypress	No data	No data
62923-Cypress	No data	No data
62926-Dongola	No data	No data
62939-Goreville	No data	No data
62943-Grantsburg	No data	No data
62952-Jonesboro	No data	No data
62957-McClure	No data	No data
62958-Makanda	No data	No data
62961-Millcreek	No data	No data
62967-New Burnside	No data	No data
62972-Ozard	No data	No data
62985-Simpson	No data	No data
62995-Vienna	65.5	19
62997-Willisville	No data	No data
62998-Wolf Lake	No data	No data

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2018-2022. Source geography: County

## Injury and Violence – Violent Crime and Property Crime

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### Violent Crime

Violent crime includes homicide, rape, robbery, and aggravated assault.

### Property Crime

This indicator reports the rate of property crime offenses reported by law enforcement per 100,000 residents. Property crimes include burglary, larceny-theft, motor vehicle theft, and arson. This indicator is relevant because it assesses community safety.

	Violent Crime		Property Crime	
	Violent Crimes, Annual Rate (Per 100,000 Pop.)	Violent Crimes, 3-year Total	Property Crimes, Annual Rate (Per 100,000 Pop.)	Property Crimes, Annual Average
<b>SIH CHNA Community</b>	<b>265.80</b>	<b>1,940</b>	<b>1,832.8</b>	<b>4,430</b>
<b>SIH Primary Service Area</b>	<b>275.1</b>	<b>1,570</b>	<b>2,073.1</b>	<b>3,942</b>
Franklin County, IL	174.7	207	1,774.6	631
Jackson County, IL	365.0	646	2,904.1	1,703
Saline County, IL	405.2	296	1,965.2	452
Williamson County, IL	208.3	421	1,815.8	1,156
<b>SIH Secondary Service Area</b>	<b>232.5</b>	<b>370</b>	<b>947.3</b>	<b>488</b>
Johnson County, IL	332.0	127	683.3	79
Perry County, IL	174.5	117	719.6	150
Union County, IL	234.0	126	1,568.8	259
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>282.40</b>	<b>2,894</b>	<b>5,495</b>	<b>1,623</b>
<b>State/National Benchmark</b>				
Illinois	420.9	162,592	2,022.6	259,698
United States	416.0	4,579,031	2,466.1	7,915,583

Data Source: Federal Bureau of Investigation, FBI Uniform Crime Reports. Additional analysis by the National Archive of Criminal Justice Data. Accessed via the Inter-university Consortium for Political and Social Research. 2015-2017. Source geography: County



# Injury and Violence – Violent Crime and Property Crime

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	Violent Crimes, Annual Rate (Per 100,000 Pop.)	Violent Crimes, 3-year Total	Property Crimes, Annual Rate (Per 100,000 Pop.)	Property Crimes, Annual Average
<b>SIH Primary Service Area</b>	<b>275.1</b>	<b>1,570</b>	<b>2,073.1</b>	<b>3,942</b>
<b>Franklin County, IL</b>	<b>174.7</b>	<b>207</b>	<b>1,774.6</b>	<b>631</b>
<b>Jackson County, IL</b>	<b>365.0</b>	<b>646</b>	<b>2,904.1</b>	<b>1,703</b>
<b>Saline County, IL</b>	<b>405.2</b>	<b>296</b>	<b>1,965.2</b>	<b>452</b>
<b>Williamson County, IL</b>	<b>208.3</b>	<b>421</b>	<b>1,815.8</b>	<b>1,156</b>
62272-Percy/Willisville	134.20	6	731.8	11
62274-Pinkneyville	174.60	43	699.6	54
62280-Rockwood/Glenn	239.10	3	1,741.5	7
62812-Benton	174.70	60	1,612.7	182
62819-Buckner	174.70	2	1,612.7	6
62822-Christopher	174.70	15	1,612.7	45
62825-Coello	174.70	1	1,612.7	3
62832-Du Quoin/Saint Johns	176.80	50	725.8	66
62836-Ewing	199.70	5	1,680.0	14
62841-Freeman Spur	208.40	1	1,721.6	2
62856-Logan	174.70	2	1,612.7	5
62859-McLeansboro	238.20	39	462.4	25
62860-Macedonia	195.30	3	1,232.8	6
62865-Mulkeytown	174.70	11	1,612.7	33
62869-Norris City	364.10	31	1,324.2	37
62874-Orient	174.70	2	1,612.7	5
62883-Scheller	506.50	10	2,370.9	16
62884-Sesser	174.70	16	1,612.7	48
62890-Thompsonville	193.3	16	1,550.2	41
62891-Valler	174.7	3	1,612.7	9
62896-West Frankfort	176.7	63	1,618.1	190
62897-Whittington	174.7	2	1,612.7	7
62901-Carbondale	358.6	274	2,828.7	723
62902-Carbondale	324.1	46	2,586.0	122
62903-Carbondale	365.0	30	2,874.3	79
62905-Alto Pass	257.3	5	1,657.2	10
62907-Ava	363.4	26	2,859.5	67
62915-Cambria	208.3	3	1,721.6	8
62916-Ava	329.3	11	2,400.7	27

	Violent Crimes, Annual Rate (Per 100,000 Pop.)	Violent Crimes, 3-year Total	Property Crimes, Annual Rate (Per 100,000 Pop.)	Property Crimes, Annual Average
62917-Carrier Mills	395.10	29	45	1,829.0
62918-Carterville	208.60	66	181	1,723.4
62920-Cobden	234.30	22	46	1,492.4
62921-Colp	208.40	2	5	1,721.6
62922-Creal Springs	232.60	20	42	1,507.2
62924-De Soto/Hurst	344.90	31	81	2,726.6
62927-Dowell	365.10	5	12	2,874.3
62930-Eldorado	404.40	71	108	1,830.7
62932-Elkville	363.20	18	46	2,862.2
62933-Energy	208.40	7	19	1,721.6
62934-Equality/Kedron	264.80	8	10	1,169.5
62935-Galatia	401.70	25	38	1,814.9
62939-Goreville	325.40	29	20	683.4
62940-Gorham	365.10	5	12	2,874.3
62942-Grand Tower	365.10	7	18	2,874.3
62946-Harrisburg	405.30	153	231	1,823.1
62947-Herod/Hicks/Derby/Eagle	314.10	7	4	749.2
62948-Herrin	208.40	79	215	1,721.6
62949-Hurst	208.40	5	13	1,721.6
62950-Jacob	365.10	2	6	2,874.3
62951-Johnston City	208.40	32	88	1,721.6
62958-Makanda	339.40	25	64	2,657.4
62959-Marion	208.40	173	475	1,721.6
62965-Muddy	405.20	2	2	1,834.8
62966-Murphysboro	365.10	171	450	2,874.3
62967-New Burnside	329.40	2	1	648.9
62974-Pittsburg	208.40	9	25	1,721.6
62975-Pomona	365.10	3	8	2,874.3
62977-Raleigh	405.20	8	12	1,834.8
62983-Royalton	174.70	8	25	1,612.7
62987-Stonefront	340.80	14	18	1,366.0
62994-Vergennes	365.10	8	21	2,874.3
62999-Zeigler	174.7	8	25	1,612.7

Data Source: Federal Bureau of Investigation, FBI Uniform Crime Reports. Additional analysis by the National Archive of Criminal Justice Data. Accessed via the Inter-university Consortium for Political and Social Research. 2015-2017. Source geography: County

## Injury and Violence – Violent Crime and Property Crime

	Violent Crimes, Annual Rate (Per 100,000 Pop.)	Violent Crimes, 3-year Total	Property Crimes, Annual Rate (Per 100,000 Pop.)	Property Crimes, Annual Average
<b>SIH Secondary Service Area</b>	<b>232.50</b>	<b>370</b>	<b>947.3</b>	<b>488</b>
<b>Johnson County, IL</b>	<b>332.0</b>	<b>127</b>	<b>683.3</b>	<b>79</b>
<b>Perry County, IL</b>	<b>174.5</b>	<b>117</b>	<b>719.6</b>	<b>150</b>
<b>Union County, IL</b>	<b>234.0</b>	<b>126</b>	<b>1,568.8</b>	<b>259</b>
62237--Coulterville	182.30	14	780.1	19
62238-Cutler	174.60	3	699.3	4
62263-Nashville	393.50	64	1,170.7	61
62268-Oakdale/Lively Grove	385.40	9	1,153.4	8
62272-Percy	134.20	6	731.8	11
62274-Pinckneyville	174.60	43	699.6	54
62831-Du Bois/Radom	371.60	6	1,123.9	6
62832- Du Quoin	176.80	50	725.8	66
62883-Scheller	506.50	10	2,370.9	16
62888-Tamaroa	174.60	11	699.3	14
62902-Carbondale	325.70	46	2,586.0	122
62905-Alto Pass	249.40	5	1,657.2	10
62906-Anna	234.00	55	1,489.4	112
62908-Belknap	342.40	5	1,567.3	7

	Violent Crimes, Annual Rate (Per 100,000 Pop.)	Violent Crimes, 3-year Total	Property Crimes, Annual Rate (Per 100,000 Pop.)	Property Crimes, Annual Average
62912-Buncombe	285.30	10	1,031.3	12
62916-Campbell Hill	314.90	11	2,400.7	27
62920-Cobden	234.30	22	1,492.4	46
62922-Cypress	232.60	20	1,507.2	42
62923-Cypress	333.50	5	634.2	3
62926-Dongola	250.30	16	1,373.1	28
62939-Goreville	325.40	29	683.4	20
62943-Grantsburg	347.50	7	845.6	5
62952-Jonesboro	245.60	23	1,501.4	46
62957-McClure	1,192.40	33	2,407.8	23
62958-Makanda	339.40	25	2,657.4	64
62961-Millcreek	234.00	0	1,489.4	0
62967-New Burnside	329.40	2	648.9	1
62972-Ozard	334.30	12	610.7	7
62985-Simpson	380.20	11	293.0	2
62995-Vienna	332.00	58	625.7	36
62997-Willisville	174.60	3	699.3	4
62998-Wolf Lake	234.00	3	1,489.4	5

Data Source: Federal Bureau of Investigation, FBI Uniform Crime Reports. Additional analysis by the National Archive of Criminal Justice Data. Accessed via the Inter-university Consortium for Political and Social Research. 2015-2017. Source geography: County

## Maternal, Infant, and Child Care – Infant Deaths, Low Weight Births, Birth Care

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	Infant Deaths per 1,000 Live Births	Low Birthweight Births, Percentage
<b>SIH CHNA Community</b>	<b>6.6</b>	<b>9.1%</b>
<b>SIH Primary Service Area</b>	<b>6.6</b>	<b>9.5%</b>
Franklin County, IL	7.0	9.0%
Jackson County, IL	7.0	10.0%
Saline County, IL	No data	10.0%
Williamson County, IL	6.0	9.0%
<b>SIH Secondary Service Area</b>	<b>No data</b>	<b>7.4%</b>
Johnson County, IL	No data	7.0%
Perry County, IL	No data	8.0%
Union County, IL	No data	7.0%
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>6.6</b>	<b>9.2%</b>
<b>State/National Benchmark</b>		
Illinois	6.0	8.5%
United States	5.7	8.3%

### Infant Deaths

This indicator reports information about infant mortality, which is defined as the number of all infant deaths (within 1 year) per 1,000 live births.

### Low Birthweight Births

This indicator reports the percentage of live births where the infant weighed less than 2,500 grams (approximately 5 lbs., 8 oz.). These data are reported for a 7-year aggregated time period.

Infant Deaths and Low Birthweight Births Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2016-2022. Source geography: County

# Maternal, Infant, and Child Care – Infant Deaths, Low Weight Births, Birth Care

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	Infant Deaths per 1,000 Live Births	Low Birthweight Births, Percentage
<b>SIH Primary Service Area</b>	<b>6.6</b>	<b>9.5%</b>
<b>Franklin County, IL</b>	<b>7.0</b>	<b>9.0%</b>
<b>Jackson County, IL</b>	<b>7.0</b>	<b>10.0%</b>
<b>Saline County, IL</b>	<b>No data</b>	<b>10.0%</b>
<b>Williamson County, IL</b>	<b>6.0</b>	<b>9.0%</b>
62272-Percy/Willisville	7.0	8.6%
62274-Pinkneyville	7.0	7.7%
62280-Rockwood/Glenn	7.0	9.7%
62812-Benton	7.0	9.1%
62819-Buckner	7.0	9.1%
62822-Christopher	7.0	9.1%
62825-Coello	7.0	9.1%
62832-Du Quoin/Saint Johns	6.0	7.7%
62836-Ewing	7.0	9.1%
62841-Freeman Spur	7.0	9.2%
62856-Logan	7.0	9.1%
62859-McLeansboro	7.0	9.0%
62860-Macedonia	7.0	9.1%
62865-Mulkeytown	7.0	9.1%
62869-Norris City	No data	8.7%
62874-Orient	7.0	9.1%
62883-Scheller	7.8	9.4%
62884-Sesser	7.0	9.1%
62890-Thompsonville	6.7	9.2%
62891-Valler	7.0	9.1%
62896-West Frankfort	6.9	9.2%
62897-Whittington	7.0	9.1%
62901-Carbondale	7.0	10.0%
62902-Carbondale	6.8	9.9%
62903-Carbondale	7.0	10.1%
62905-Alto Pass	7.0	8.3%
62907-Ava	7.0	10.1%
62915-Cambria	6.0	9.2%
62916-Ava	7.0	10.0%

	Infant Deaths per 1,000 Live Births	Low Birthweight Births, Percentage
62917-Carrier Mills	6.0	9.6%
62918-Carterville	6.0	9.2%
62920-Cobden	No data	7.3%
62921-Colp	6.0	9.2%
62922-Creal Springs	6.0	8.8%
62924-De Soto/Hurst	6.9	10.0%
62927-Dowell	7.0	10.1%
62930-Eldorado	No data	9.6%
62932-Elkville	7.0	10.1%
62933-Energy	6.0	9.2%
62934-Equality/Kedron	No data	8.4%
62935-Galatia	No data	9.6%
62939-Goreville	6.0	6.9%
62940-Gorham	7.0	10.1%
62942-Grand Tower	7.0	10.1%
62946-Harrisburg	No data	9.6%
62947-Herod/Hicks/Derby/Eagle	No data	9.3%
62948-Herrin	6.0	9.2%
62949-Hurst	6.0	9.2%
62950-Jacob	7.0	10.1%
62951-Johnston City	6.0	9.2%
62958-Makanda	6.9	9.8%
62959-Marion	6.0	9.2%
62965-Muddy	No data	9.6%
62966-Murphysboro	7.0	10.1%
62967-New Burnside	No data	6.9%
62974-Pittsburg	6.0	9.2%
62975-Pomona	7.0	10.1%
62977-Raleigh	No data	9.6%
62983-Royalton	7.0	9.1%
62987-Stonefront	6.0	9.7%
62994-Vergennes	7.0	10.1%
62999-Zeigler	7.0	9.1%

## Maternal, Infant, and Child Care – Infant Deaths, Low Weight Births, Birth Care

	Infant Deaths per 1,000 Live Births	Low Birthweight Births, Percentage
<b>SIH Secondary Service Area</b>	<b>No data</b>	<b>7.4%</b>
<b>Johnson County, IL</b>	<b>No data</b>	<b>7.0%</b>
<b>Perry County, IL</b>	<b>No data</b>	<b>8.0%</b>
<b>Union County, IL</b>	<b>No data</b>	<b>7.0%</b>
62237--Coulterville	No data	8.0%
62238-Cutler	No data	7.7%
62263-Nashville	No data	6.0%
62268-Oakdale/Lively Grove	No data	6.2%
62272-Percy	7.0	8.6%
62274-Pinckneyville	No data	7.7%
62831-Du Bois/Radom	No data	6.2%
62832- Du Quoin	7.0	7.7%
62883-Scheller	7.8	9.4%
62888-Tamaroa	No data	7.7%
62902-Carbondale	6.8	9.9%
62905-Alto Pass	7.0	8.3%
62906-Anna	No data	7.3%
62908-Belknap	No data	8.1%

	Infant Deaths per 1,000 Live Births	Low Birthweight Births, Percentage
62912-Buncombe	No data	7.1%
62916-Campbell Hill	7.0	10.0%
62920-Cobden	No data	7.3%
62922-Cypress	6.0	8.8%
62923-Cypress	No data	7.0%
62926-Dongola	No data	8.3%
62939-Goreville	6.0	6.9%
62943-Grantsburg	No data	7.7%
62952-Jonesboro	No data	7.4%
62957-McClure	No data	11.4%
62958-Makanda	6.9	9.8%
62961-Millcreek	No data	7.3%
62967-New Burnside	No data	6.9%
62972-Ozard	No data	6.9%
62985-Simpson	No data	8.5%
62995-Vienna	No data	6.9%
62997-Willisville	No data	7.7%
62998-Wolf Lake	No data	7.3%

Infant Deaths and Low Birthweight Births Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2016-2022. Source geography: County

## Mental Health – Adult Mental Health

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	Adults Age 18+ with Poor Mental Health (Crude)	Suicide Rate (Per 100,000 Population)
<b>SIH CHNA Community</b>	<b>17.9%</b>	<b>19.7</b>
<b>SIH Primary Service Area</b>	<b>18.2%</b>	<b>19.1</b>
Franklin County, IL	17.9%	24.8
Jackson County, IL	19.7%	15.2
Saline County, IL	18.4%	26.5
Williamson County, IL	17.2%	16.5
<b>SIH Secondary Service Area</b>	<b>16.9%</b>	<b>22.9</b>
Johnson County, IL	16.1%	No data
Perry County, IL	18.1%	21.1
Union County, IL	16.0%	25.1
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>17.7%</b>	<b>19.6</b>
<b>State/National Benchmark</b>		
Illinois	15.4%	11.5
United States	15.8%	14.5

### Poor Mental 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 mental health was not good.

### Suicides

This indicator reports the 2016-2020 five-year average rate of death due to intentional self-harm (suicide) per 100,000 population.

Poor Mental Health Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2022

Suicide Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2018-2022. Source geography: County

# Mental Health – Adult Mental Health

	Adults Age 18+ with Poor Mental Health (Crude)	Suicide Rate (Per 100,000 Population – Crude)
<b>SIH Primary Service Area</b>	<b>18.2%</b>	<b>19.1</b>
<b>Franklin County, IL</b>	<b>17.9%</b>	<b>24.8</b>
<b>Jackson County, IL</b>	<b>19.7%</b>	<b>15.2</b>
<b>Saline County, IL</b>	<b>18.4%</b>	<b>26.5</b>
<b>Williamson County, IL</b>	<b>17.2%</b>	<b>16.5</b>
62272-Percy/Willisville	17.4%	No data
62274-Pinkneyville	18.5%	No data
62280-Rockwood/Glenn	16.5%	No data
62812-Benton	17.6%	24.7
62819-Buckner	16.7%	No data
62822-Christopher	18.6%	No data
62825-Coello	16.1%	No data
62832-Du Quoin/Saint Johns	18.4%	No data
62836-Ewing	17.7%	No data
62841-Freeman Spur	17.0%	No data
62856-Logan	16.2%	No data
62859-McLeansboro	18.2%	No data
62860-Macedonia	16.8%	No data
62865-Mulkeytown	16.6%	No data
62869-Norris City	17.3%	No data
62874-Orient	16.7%	No data
62883-Scheller	15.3%	No data
62884-Sesser	18.0%	No data
62890-Thompsonville	17.6%	No data
62891-Valler	15.1%	No data
62896-West Frankfort	18.8%	24.3
62897-Whittington	16.5%	No data
62901-Carbondale	20.8%	15.3
62902-Carbondale	17.0%	No data
62903-Carbondale	18.2%	No data
62905-Alto Pass	16.5%	No data
62907-Ava	18.5%	No data
62915-Cambria	18.6%	No data
62916-Ava	17.4%	No data

	Adults Age 18+ with Poor Mental Health (Crude)	Suicide Rate (Per 100,000 Population – Crude)
62917-Carrier Mills	17.2%	No data
62918-Carterville	16.4%	No data
62920-Cobden	15.4%	No data
62921-Colp	18.0%	No data
62922-Creal Springs	16.6%	No data
62924-De Soto/Hurst	18.6%	No data
62927-Dowell	18.2%	No data
62930-Eldorado	18.8%	No data
62932-Elkville	18.5%	No data
62933-Energy	15.4%	No data
62934-Equality/Kedron	17.7%	No data
62935-Galatia	17.4%	No data
62939-Goreville	15.8%	No data
62940-Gorham	17.4%	No data
62942-Grand Tower	18.0%	No data
62946-Harrisburg	16.9%	26.5
62947-Herod/Hicks/Derby/Eagle	15.7%	No data
62948-Herrin	17.8%	16.5
62949-Hurst	19.1%	No data
62950-Jacob	19.1%	No data
62951-Johnston City	17.5%	No data
62958-Makanda	14.8%	No data
62959-Marion	16.7%	16.5
62965-Muddy	16.9%	No data
62966-Murphysboro	17.7%	15.2
62967-New Burnside	14.1%	No data
62974-Pittsburg	17.3%	No data
62975-Pomona	17.7%	No data
62977-Raleigh	15.7%	No data
62983-Royalton	17.4%	No data
62987-Stonefront	16.1%	No data
62994-Vergennes	18.4%	No data
62999-Zeigler	18.7%	No data

## Mental Health – Adult Mental Health

	Adults Age 18+ with Poor Mental Health (Age-Adjusted)	Suicide Rate (Per 100,000 Population – Crude)
<b>SIH Secondary Service Area</b>	<b>16.9%</b>	<b>22.9</b>
<b>Johnson County, IL</b>	16.1%	No data
<b>Perry County, IL</b>	18.1%	<b>21.1</b>
<b>Union County, IL</b>	16.2%	<b>25.1</b>
62237--Coulterville	16.8%	No data
62238-Cutler	18.0%	No data
62263-Nashville	15.8%	No data
62268-Oakdale/Lively Grove	15.0%	No data
62272-Percy	17.4%	No data
62274-Pinckneyville	18.5%	No data
62831-Du Bois/Radom	14.9%	No data
62832- Du Quoin	18.4%	No data
62883-Scheller	15.3%	No data
62888-Tamaroa	17.7%	No data
62902-Carbondale	17.0%	No data
62905-Alto Pass	16.5%	No data
62906-Anna	17.8%	No data
62908-Belknap	16.9%	No data

	Adults Age 18+ with Poor Mental Health (Age-Adjusted)	Suicide Rate (Per 100,000 Population – Crude)
62912-Buncombe	17.4%	No data
62916-Campbell Hill	17.4%	No data
62920-Cobden	15.4%	No data
62922-Cypress	16.6%	No data
62923-Cypress	19.6%	No data
62926-Dongola	18.4%	No data
62939-Goreville	15.8%	No data
62943-Grantsburg	19.5%	No data
62952-Jonesboro	17.6%	No data
62957-McClure	18.5%	No data
62958-Makanda	14.8%	No data
62961-Millcreek	18.4%	No data
62967-New Burnside	14.1%	No data
62972-Ozard	15.6%	No data
62985-Simpson	16.0%	No data
62995-Vienna	22.2%	No data
62997-Willisville	18.5%	No data
62998-Wolf Lake	17.0%	No data

Data Source: See page 102.



# Nutrition, Physical Inactivity Obesity – Food Environment

## Food Deserts

This indicator reports the number of neighborhoods in the report area that are within food deserts. The USDA Food Access Research Atlas defines a food desert as any neighborhood that lacks healthy food sources due to income level, distance to supermarkets, or vehicle access.

## Low Food Access

This indicator reports the percentage of the population with low food access. Low food access is defined as living more than ½ mile from the nearest supermarket, supercenter, or large grocery store.

## SNAP Authorized Retailers

This indicator reports the number of SNAP-authorized food stores as a rate per 10,000 population. SNAP-authorized stores include grocery stores as well as supercenters, specialty food stores, and convenience stores that are authorized to accept SNAP (Supplemental Nutrition Assistance Program) benefits.

	Food Desert			Low Food Access		SNAP Authorized Retailers	
	Total Population (2010)	Food Desert Population	Food Desert Population, Percent	Population with Low Food Access	Population with Low Food Access, Percent	Total SNAP-Authorized Retailers	SNAP-Authorized Retailers per 10,000 Population
<b>SIH CHNA Community</b>	<b>243,789</b>	<b>83,562</b>	<b>34.3%</b>	<b>61,816</b>	<b>25.36%</b>	<b>240</b>	<b>10.26</b>
<b>SIH Primary Service Area</b>	<b>191,049</b>	<b>71,658</b>	<b>37.5%</b>	<b>54,321</b>	<b>28.43%</b>	<b>192</b>	<b>10.42</b>
Franklin County, IL	39,561	11,413	28.8%	8,302	20.99%	47	12.35
Jackson County, IL	60,218	30,599	50.8%	21,031	34.92%	50	8.82
Saline County, IL	24,913	8,777	35.2%	3,557	14.28%	32	13.80
Williamson County, IL	66,357	20,869	31.4%	21,431	32.30%	63	9.49
<b>SIH Secondary Service Area</b>	<b>52,740</b>	<b>11,904</b>	<b>22.6%</b>	<b>7,495</b>	<b>14.21%</b>	<b>48</b>	<b>9.69</b>
Johnson County, IL	12,582	0	0%	948	7.53%	11	8.90
Perry County, IL	22,350	6,794	30.4%	5,146	23.02%	19	9.19
Union County, IL	17,808	5,110	28.7%	1,401	7.87%	18	10.91
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>344,594</b>	<b>107,520</b>	<b>31.2%</b>	<b>82,274</b>	<b>23.88%</b>	<b>337</b>	<b>10.54</b>
<b>State/National Benchmark</b>							
Illinois	12,830,632	1,242,939	9.7%	2,589,942	20.19%	9,294	7.38
United States	308,745,538	39,074,974	12.7%	68,611,398	22.22%	248,526	7.47

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

SNAP Authorized Retailers Data Source: US Department of Agriculture, Food and Nutrition Service, USDA - SNAP Retailer Locator. Additional data analysis by CARES. 2023. Source geography: Tract

## Nutrition, Physical Inactivity Obesity – Obesity and Physical Activity

	Obesity		Physical Activity	
	Adults with BMI > 30.0	Adults with BMI > 30.0, Percent	Adults with No Leisure Time Physical Activity	Adults with No Leisure Time Physical Activity, Percent
<b>SIH CHNA Community</b>	<b>35,276</b>	<b>19.9%</b>	<b>30,195</b>	<b>15.9%</b>
<b>SIH Primary Service Area</b>	<b>27,944</b>	<b>20.4%</b>	<b>23,558</b>	<b>16.1%</b>
Franklin County, IL	6,916	24.3%	5,027	16.2%
Jackson County, IL	7,782	19.8%	7,633	18.9%
Saline County, IL	3,563	19.9%	2,698	13.8%
Williamson County, IL	9,683	18.9%	8,200	14.9%
<b>SIH Secondary Service Area</b>	<b>7,332</b>	<b>18.2%</b>	<b>6,637</b>	<b>15.3%</b>
Johnson County, IL	2,092	19.4%	1,780	15.3%
Perry County, IL	2,916	17.7%	2,673	15.3%
Union County, IL	2,324	17.8%	2,184	15.2%
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>48,759</b>	<b>19.8%</b>	<b>41,712</b>	<b>15.8%</b>
<b>State/National Benchmark</b>	<b>0</b>			
Illinois	<b>2,677,557</b>	<b>28.0%</b>	<b>1,946,841</b>	<b>19.6%</b>
United States	<b>70,168,831</b>	<b>30.1%</b>	<b>47,072,403</b>	<b>19.5%</b>

### Obesity

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

### Physical Activity

This indicator is based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?" This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular health.

Obesity Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2021. Source geography: County

Physical Activity Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2021. Source geography: County

# Nutrition, Physical Inactivity Obesity – Obesity and Physical Activity

	Adults with BMI > 30.0	Adults with BMI > 30.0, Percent	Adults with No Leisure Time Physical Activity	Adults with No Leisure Time Physical Activity, Percent
<b>SIH Primary Service Area</b>	<b>27,944</b>	<b>20.4%</b>	<b>23,558</b>	<b>16.1%</b>
<b>Franklin County, IL</b>	<b>6,916</b>	<b>24.3%</b>	<b>5,027</b>	<b>16.2%</b>
<b>Jackson County, IL</b>	<b>7,782</b>	<b>19.8%</b>	<b>7,633</b>	<b>18.9%</b>
<b>Saline County, IL</b>	<b>3,563</b>	<b>19.9%</b>	<b>2,698</b>	<b>13.8%</b>
<b>Williamson County, IL</b>	<b>9,683</b>	<b>18.9%</b>	<b>8,200</b>	<b>14.9%</b>
62272-Percy/Willisville	247	21.1%	196	15.4%
62274-Pinkneyville	1,106	17.7%	1,014	16.1%
62280-Rockwood/Glenn	66	21.0%	57	17.5%
62812-Benton	1,992	24.3%	1,448	16.0%
62819-Buckner	73	24.3%	53	16.2%
62822-Christopher	514	24.3%	373	16.3%
62825-Coello	35	24.3%	25	18.4%
62832-Du Quoin/Saint Johns	1,213	17.7%	1,112	14.9%
62836-Ewing	134	24.3%	97	14.9%
62841-Freeman Spur	11	18.9%	9	14.1%
62856-Logan	59	24.3%	43	16.4%
62859-McLeansboro	712	17.4%	648	14.3%
62860-Macedonia	77	22.3%	59	15.6%
62865-Mulkeytown	389	24.3%	283	16.8%
62869-Norris City	367	19.4%	311	14.6%
62874-Orient	63	24.3%	45	16.4%
62883-Scheller	89	19.7%	81	16.6%
62884-Sesser	542	24.3%	394	16.4%
62890-Thompsonville	457	22.5%	347	15.4%
62891-Valler	101	24.3%	73	16.7%
62896-West Frankfort	2,077	24.0%	1,522	16.2%
62897-Whittington	79	24.3%	58	16.1%
62901-Carbondale	3,442	19.8%	3,357	19.0%
62902-Carbondale	652	19.5%	614	17.9%
62903-Carbondale	358	19.8%	351	18.9%
62905-Alto Pass	91	18.2%	86	16.4%
62907-Ava	297	19.8%	291	18.1%
62915-Cambria	35	18.9%	30	14.4%
62916-Ava	134	20.0%	127	16.7%

	Adults with BMI > 30.0	Adults with BMI > 30.0, Percent	Adults with No Leisure Time Physical Activity	Adults with No Leisure Time Physical Activity, Percent
62917-Carrier Mills	346	19.9%	263	13.8%
62918-Carterville	1,496	18.9%	1,267	14.3%
62920-Cobden	418	17.8%	393	15.3%
62921-Colp	53	18.9%	45	15.3%
62922-Creal Springs	460	19.0%	390	15.5%
62924-De Soto/Hurst	401	19.7%	386	18.3%
62927-Dowell	49	19.8%	48	19.3%
62930-Eldorado	874	19.9%	662	13.9%
62932-Elkville	208	19.8%	204	18.2%
62933-Energy	159	18.9%	134	15.2%
62934-Equality/Kedron	129	17.9%	112	14.3%
62935-Galatia	282	19.9%	214	13.4%
62939-Goreville	473	19.4%	403	14.6%
62940-Gorham	54	19.8%	53	19.9%
62942-Grand Tower	83	19.8%	82	18.9%
62946-Harrisburg	1,847	19.9%	1,401	13.8%
62947-Herod/Hicks/Derby/Eagle	77	17.7%	70	15.1%
62948-Herrin	1,770	18.9%	1,499	14.6%
62949-Hurst	107	18.9%	91	14.6%
62950-Jacob	25	19.8%	25	16.6%
62951-Johnston City	751	18.9%	636	15.1%
62958-Makanda	317	19.5%	306	18.2%
62959-Marion	4,022	18.9%	3,406	15.2%
62965-Muddy	15	19.9%	12	12.4%
62966-Murphysboro	2,049	19.8%	2,009	18.7%
62967-New Burnside	38	19.4%	32	15.7%
62974-Pittsburg	218	18.9%	184	14.9%
62975-Pomona	32	19.8%	31	19.5%
62977-Raleigh	99	19.9%	75	14.6%
62983-Royalton	270	24.3%	196	16.6%
62987-Stonefront	170	19.0%	140	13.9%
62994-Vergennes	93	19.8%	91	18.5%
62999-Zeigler	278	24.3%	202	16.2%

# Nutrition, Physical Inactivity Obesity – Obesity and Physical Activity

	Adults with BMI > 30.0	Adults with BMI > 30.0, Percent	Adults with No Leisure Time Physical Activity	Adults with No Leisure Time Physical Activity, Percent
<b>SIH Secondary Service Area</b>	<b>7,332</b>	<b>18.2%</b>	<b>6,637</b>	<b>15.3%</b>
<b>Johnson County, IL</b>	<b>2,092</b>	<b>19.4%</b>	<b>1,780</b>	<b>15.3%</b>
<b>Perry County, IL</b>	<b>2,916</b>	<b>17.7%</b>	<b>2,673</b>	<b>15.3%</b>
<b>Union County, IL</b>	<b>2,324</b>	<b>17.8%</b>	<b>2,184</b>	<b>15.2%</b>
62237--Coulterville	382	20.3%	316	15.5%
62238-Cutler	78	17.7%	72	14.2%
62263-Nashville	751	19.3%	675	15.8%
62268-Oakdale/Lively Grove	104	19.2%	93	15.8%
62272-Percy	247	21.1%	196	15.4%
62274-Pinckneyville	1,106	17.7%	1,014	16.1%
62831-Du Bois/Radom	85	19.1%	77	17.2%
62832- Du Quoin	1,213	17.7%	1,112	14.9%
62883-Scheller	89	19.7%	81	16.6%
62888-Tamaroa	280	17.7%	256	15.3%
62902-Carbondale	652	19.5%	614	17.9%
62905-Alto Pass	91	18.2%	86	16.4%
62906-Anna	1,013	17.8%	952	15.4%
62908-Belknap	63	19.0%	57	15.0%

	Adults with BMI > 30.0	Adults with BMI > 30.0, Percent	Adults with No Leisure Time Physical Activity	Adults with No Leisure Time Physical Activity, Percent
62912-Buncombe	172	18.6%	153	14.6%
62916-Campbell Hill	134	20.0%	127	16.7%
62920-Cobden	418	17.8%	393	15.3%
62922-Cypress	460	19.0%	390	15.5%
62923-Cypress	78	19.3%	67	14.3%
62926-Dongola	276	17.8%	259	15.0%
62939-Goreville	473	19.4%	403	14.6%
62943-Grantsburg	106	19.0%	94	15.1%
62952-Jonesboro	406	17.8%	381	14.8%
62957-McClure	95	18.9%	86	15.3%
62958-Makanda	317	19.5%	306	18.2%
62961-Millcreek	6	17.8%	5	13.3%
62967-New Burnside	38	19.4%	32	15.7%
62972-Ozard	196	19.3%	168	14.7%
62985-Simpson	118	18.2%	106	14.2%
62995-Vienna	995	19.4%	847	16.0%
62997-Willisville	70	17.7%	64	13.9%
62998-Wolf Lake	48	17.8%	45	15.5%

Data Source: See page 106.

## Physical Environment – Cost Burdened Households

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	Cost Burdened Households (30%)	Total Households	Percentage of Cost Burdened Households
<b>SIH CHNA Community</b>	<b>24,503</b>	<b>96,930</b>	<b>25.28%</b>
<b>SIH Primary Service Area</b>	<b>20,721</b>	<b>77,914</b>	<b>26.59%</b>
Franklin County, IL	3,730	16,095	23.17%
Jackson County, IL	7,895	23,133	34.13%
Saline County, IL	2,275	10,165	22.38%
Williamson County, IL	6,821	28,521	23.92%
<b>SIH Secondary Service Area</b>	<b>3,782</b>	<b>19,016</b>	<b>19.89%</b>
Johnson County, IL	698	4,106	17.00%
Perry County, IL	1,466	8,147	17.99%
Union County, IL	1,618	6,763	23.92%
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>30,948</b>	<b>131,537</b>	<b>23.53%</b>
<b>State/National Benchmark</b>		<b>0</b>	<b>00</b>
Illinois	<b>1,456,653</b>	<b>4,968,761</b>	<b>29.32%</b>
United States	<b>38,363,931</b>	<b>125,736,353</b>	<b>30.51%</b>

Data Source: US Census Bureau, American Community Survey. 2018-22. Source geography: Tract


### Cost Burdened Households

This indicator reports the percentage of the households where housing costs are 30% or more total household income. This indicator provides information on the cost of monthly housing expenses for owners and renters. The information offers a measure of housing affordability and excessive shelter costs. The data also serve to aid in the development of housing programs to meet the needs of people at different economic levels. The following zip codes have the highest percentage of households with severe cost burden of housing.

# Physical Environment – Housing

	Cost Burdened Households (30%)	Total Households	Percentage of Cost Burdened Households
<b>SIH Primary Service Area</b>	<b>20,721</b>	<b>77,914</b>	<b>26.59%</b>
<b>Franklin County, IL</b>	<b>3,730</b>	<b>16,095</b>	<b>23.17%</b>
<b>Jackson County, IL</b>	<b>7,895</b>	<b>23,133</b>	<b>34.13%</b>
<b>Saline County, IL</b>	<b>2,275</b>	<b>10,165</b>	<b>22.38%</b>
<b>Williamson County, IL</b>	<b>6,821</b>	<b>28,521</b>	<b>23.92%</b>
62272-Percy/Willisville	120	703	17.07%
62274-Pinkneyville	614	2,757	22.27%
62280-Rockwood/Glenn	2	197	1.02%
62812-Benton	1,192	4,756	25.06%
62819-Buckner	19	128	14.84%
62822-Christopher	302	1,207	25.02%
62825-Coello	13	116	11.21%
62832-Du Quoin/Saint Johns	645	3,737	17.26%
62836-Ewing	33	361	9.14%
62841-Freeman Spur	0	53	0.00%
62856-Logan	13	143	9.09%
62859-McLeansboro	403	2,186	18.44%
62860-Macedonia	36	214	16.82%
62865-Mulkeytown	137	857	15.99%
62869-Norris City	154	970	15.88%
62874-Orient	21	164	12.80%
62883-Scheller	45	255	17.65%
62884-Sesser	171	1,089	15.70%
62890-Thompsonville	152	982	15.48%
62891-Valler	53	303	17.49%
62896-West Frankfort	1,267	4,631	27.36%
62897-Whittington	81	226	35.84%
62901-Carbondale	4,716	10,410	45.30%
62902-Carbondale	477	1,913	24.93%
62903-Carbondale	354	1,141	31.03%
62905-Alto Pass	44	244	18.03%
62907-Ava	184	647	28.44%
62915-Cambria	78	222	35.14%
62916-Ava	82	307	26.71%

	Cost Burdened Households (30%)	Total Households	Percentage of Cost Burdened Households
62917-Carrier Mills	262	1,003	26.12%
62918-Carterville	926	4,551	20.35%
62920-Cobden	357	1,255	28.45%
62921-Colp	35	103	33.98%
62922-Creal Springs	181	1,165	15.54%
62924-De Soto/Hurst	229	1,200	19.08%
62927-Dowell	22	129	17.05%
62930-Eldorado	468	2,656	17.62%
62932-Elkville	126	519	24.28%
62933-Energy	79	544	14.52%
62934-Equality/Kedron	29	343	8.45%
62935-Galatia	161	837	19.24%
62939-Goreville	130	1,089	11.94%
62940-Gorham	59	241	24.48%
62942-Grand Tower	47	224	20.98%
62946-Harrisburg	1,267	5,066	25.01%
62947-Herod/Hicks/Derby/Eagle	22	182	12.09%
62948-Herrin	1,487	5,602	26.54%
62949-Hurst	94	370	25.41%
62950-Jacob	0	83	0.00%
62951-Johnston City	468	2,349	19.92%
62958-Makanda	227	881	25.77%
62959-Marion	3,094	11,518	26.86%
62965-Muddy	8	16	50.00%
62966-Murphysboro	1,651	6,139	26.89%
62967-New Burnside	26	100	26.00%
62974-Pittsburg	82	646	12.69%
62975-Pomona	5	93	5.38%
62977-Raleigh	70	277	25.27%
62983-Royalton	142	717	19.80%
62987-Stonefront	94	647	14.53%
62994-Vergennes	27	265	10.19%
62999-Zeigler	146	624	23.40%

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## Physical Environment – Housing

	Cost Burdened Households (30%)	Total Households	Percentage of Cost Burdened Households
<b>SIH Secondary Service Area</b>	<b>3,782</b>	<b>19,016</b>	<b>19.89%</b>
<b>Johnson County, IL</b>	<b>698</b>	<b>4,106</b>	<b>17.00%</b>
<b>Perry County, IL</b>	<b>1,466</b>	<b>8,147</b>	<b>17.99%</b>
<b>Union County, IL</b>	<b>1,618</b>	<b>6,763</b>	<b>23.92%</b>
62237--Coulterville	191	1,063	17.97%
62238-Cutler	37	183	20.22%
62263-Nashville	391	2,143	18.25%
62268-Oakdale/Lively Grove	68	404	16.83%
62272-Percy	120	703	17.07%
62274-Pinckneyville	614	2,757	22.27%
62831-Du Bois/Radom	36	187	19.25%
62832- Du Quoin	645	3,737	17.26%
62883-Scheller	45	255	17.65%
62888-Tamaroa	102	780	13.08%
62902-Carbondale	477	1,913	24.93%
62905-Alto Pass	44	244	18.03%
62906-Anna	699	2,909	24.03%
62908-Belknap	38	150	25.33%

	Cost Burdened Households (30%)	Total Households	Percentage of Cost Burdened Households
62912-Buncombe	84	576	14.58%
62916-Campbell Hill	82	307	26.71%
62920-Cobden	357	1,255	28.45%
62922-Cypress	181	1,165	15.54%
62923-Cypress	22	148	14.86%
62926-Dongola	197	784	25.13%
62939-Goreville	130	1,089	11.94%
62943-Grantsburg	18	108	16.67%
62952-Jonesboro	287	1,185	24.22%
62957-McClure	40	197	20.30%
62958-Makanda	227	881	25.77%
62961-Millcreek	8	16	50.00%
62967-New Burnside	26	100	26.00%
62972-Ozard	75	475	15.79%
62985-Simpson	59	249	23.69%
62995-Vienna	302	1,524	19.82%
62997-Willisville	28	244	11.48%
62998-Wolf Lake	0	97	0.00%

Data Source: US Census Bureau, American Community Survey. 2018-22. Source geography: Tract

## Physical Environment – Housing

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	Percentage of Households with No or Slow Internet	Households with No or Slow Internet	Percentage of Households with Substandard Housing Conditions	Occupied Housing Units with One or More Substandard Conditions
<b>SIH CHNA Community</b>	<b>18.42%</b>	<b>17,859</b>	<b>25.43%</b>	<b>24,654</b>
<b>SIH Primary Service Area</b>	<b>17.24%</b>	<b>13,432</b>	<b>26.70%</b>	<b>20,803</b>
Franklin County, IL	17.85%	2,873	24.17%	3,890
Jackson County, IL	14.57%	3,371	33.72%	7,800
Saline County, IL	25.74%	2,616	23.36%	2,375
Williamson County, IL	16.03%	4,572	23.62%	6,738
<b>SIH Secondary Service Area</b>	<b>23.28%</b>	<b>4,427</b>	<b>20.25%</b>	<b>3,851</b>
Johnson County, IL	23.33%	958	18.85%	774
Perry County, IL	16.56%	1,349	17.82%	1,452
Union County, IL	31.35%	2,120	24.03%	1,625
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>19.90%</b>	<b>26,179</b>	<b>23.75%</b>	<b>31,240</b>
<b>State/National Benchmark</b>				
Illinois	11.86%	589,415	29.94%	1,487,424
United States	11.65%	14,652,439	31.70%	39,858,044

Internet Access Data Source: US Census Bureau, American Community Survey. 2018-22 Source geography: Tract

Substandard Housing Data Source: US Census Bureau, American Community Survey. 2018-22. Source geography: Tract

### Internet Access

This indicator reports the percentage of households who either use dial-up as their only way of internet connection, or have internet access but don't pay for the service, or have no internet access in their home, based on the 2014-2019 American Community Survey estimates.

### Substandard Housing

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



# Physical Environment – Housing

	Percentage of Households with No or Slow Internet	Households with No or Slow Internet	Percentage of Households with Substandard Housing Conditions	Occupied Housing Units with One or More Substandard Conditions
<b>SIH Primary Service Area</b>	<b>17.24%</b>	<b>13,432</b>	<b>26.7%</b>	<b>20,803</b>
<b>Franklin County, IL</b>	<b>17.85%</b>	<b>2,873</b>	<b>24.17%</b>	<b>3,890</b>
<b>Jackson County, IL</b>	<b>14.57%</b>	<b>3,371</b>	<b>33.72%</b>	<b>7,800</b>
<b>Saline County, IL</b>	<b>25.74%</b>	<b>2,616</b>	<b>23.36%</b>	<b>2,375</b>
<b>Williamson County, IL</b>	<b>16.03%</b>	<b>4,572</b>	<b>23.62%</b>	<b>6,738</b>
62272-Percy/Willisville	14.08%	99	19.91%	140
62274-Pinkneyville	14.36%	396	21.36%	589
62280-Rockwood/Glenn	12.18%	24	1.02%	2
62812-Benton	17.45%	830	26.98%	1,283
62819-Buckner	20.31%	26	20.31%	26
62822-Christopher	21.29%	257	21.71%	262
62825-Coello	25.00%	29	12.93%	15
62832-Du Quoin/Saint Johns	15.57%	582	17.18%	642
62836-Ewing	15.24%	55	9.14%	33
62841-Freeman Spur	39.62%	21	3.77%	2
62856-Logan	11.19%	16	10.49%	15
62859-McLeansboro	25.89%	566	17.29%	378
62860-Macedonia	28.04%	60	23.36%	50
62865-Mulkeytown	13.19%	113	19.84%	170
62869-Norris City	26.19%	254	15.46%	150
62874-Orient	25.61%	42	17.07%	28
62883-Scheller	9.80%	25	17.65%	45
62884-Sesser	20.48%	223	17.54%	191
62890-Thompsonville	27.90%	274	16.09%	158
62891-Valler	23.10%	70	21.45%	65
62896-West Frankfort	16.91%	783	28.22%	1,307
62897-Whittington	17.70%	40	34.96%	79
62901-Carbondale	14.41%	1,500	44.12%	4,593
62902-Carbondale	10.35%	198	27.44%	525
62903-Carbondale	16.04%	183	31.81%	363
62905-Alto Pass	30.33%	74	15.57%	38
62907-Ava	24.73%	160	30.91%	200
62915-Cambria	11.71%	26	35.14%	78
62916-Ava	29.32%	90	26.06%	80

	Percentage of Households with No or Slow Internet	Households with No or Slow Internet	Percentage of Households with Substandard Housing Conditions	Occupied Housing Units with One or More Substandard Conditions
62917-Carrier Mills	26.72%	268	21.83%	219
62918-Carterville	11.21%	510	20.63%	939
62920-Cobden	30.28%	380	28.45%	357
62921-Colp	22.33%	23	28.16%	29
62922-Creal Springs	30.04%	350	14.76%	172
62924-De Soto/Hurst	7.58%	91	16.67%	200
62927-Dowell	21.71%	28	21.71%	28
62930-Eldorado	28.09%	746	20.82%	553
62932-Elkville	14.26%	74	22.74%	118
62933-Energy	13.79%	75	14.71%	80
62934-Equality/Kedron	23.91%	82	5.54%	19
62935-Galatia	21.62%	181	17.44%	146
62939-Goreville	21.12%	230	12.40%	135
62940-Gorham	17.84%	43	28.63%	69
62942-Grand Tower	18.30%	41	28.57%	64
62946-Harrisburg	25.82%	1,308	26.17%	1,326
62947-Herod/Hicks/Derby/Eagle	30.77%	56	9.89%	18
62948-Herrin	16.99%	952	24.79%	1,389
62949-Hurst	27.57%	102	24.86%	92
62950-Jacob	21.69%	18	0.00%	0
62951-Johnston City	9.96%	234	22.44%	527
62958-Makanda	13.96%	123	28.83%	254
62959-Marion	15.61%	1,798	26.27%	3,026
62965-Muddy	43.75%	7	50.00%	8
62966-Murphysboro	15.85%	973	26.78%	1,644
62967-New Burnside	29.00%	29	24.00%	24
62974-Pittsburg	14.55%	94	11.76%	76
62975-Pomona	7.53%	7	5.38%	5
62977-Raleigh	20.94%	58	25.63%	71
62983-Royalton	17.15%	123	19.25%	138
62987-Stonefront	25.50%	165	16.54%	107
62994-Vergennes	19.62%	52	13.21%	35
62999-Zeigler	22.76%	142	19.87%	124

## Physical Environment – Housing

	Percentage of Households with No or Slow Internet	Households with No or Slow Internet	Percentage of Households with Substandard Housing Conditions	Occupied Housing Units with One or More Substandard Conditions
<b>SIH Secondary Service Area</b>	<b>23.28%</b>	<b>4,427</b>	<b>20.25%</b>	<b>3,851</b>
<b>Johnson County, IL</b>	<b>23.33%</b>	<b>958</b>	<b>18.85%</b>	<b>774</b>
<b>Perry County, IL</b>	<b>16.56%</b>	<b>1,349</b>	<b>17.82%</b>	<b>1,452</b>
<b>Union County, IL</b>	<b>31.35%</b>	<b>2,120</b>	<b>24.03%</b>	<b>1,625</b>
62237--Coulterville	25.02%	266	17.97%	191
62238-Cutler	21.86%	40	20.77%	38
62263-Nashville	11.20%	240	17.69%	379
62268-Oakdale/Lively Grove	28.47%	115	18.07%	73
62272-Percy	14.08%	99	19.91%	140
62274-Pinckneyville	14.36%	396	21.36%	589
62831-Du Bois/Radom	12.30%	23	17.65%	33
62832- Du Quoin	15.57%	582	17.18%	642
62883-Scheller	9.80%	25	17.65%	45
62888-Tamaroa	23.85%	186	13.97%	109
62902-Carbondale	10.35%	198	27.44%	525
62905-Alto Pass	30.33%	74	15.57%	38
62906-Anna	30.15%	877	24.44%	711
62908-Belknap	32.67%	49	22.67%	34

Data Source: See page 112.

	Percentage of Households with No or Slow Internet	Households with No or Slow Internet	Percentage of Households with Substandard Housing Conditions	Occupied Housing Units with One or More Substandard Conditions
62912-Buncombe	42.19%	243	16.32%	94
62916-Campbell Hill	29.32%	90	26.06%	80
62920-Cobden	30.28%	380	28.45%	357
62922-Cypress	30.04%	350	14.76%	172
62923-Cypress	20.95%	31	18.92%	28
62926-Dongola	44.01%	345	24.62%	193
62939-Goreville	21.12%	230	12.40%	135
62943-Grantsburg	11.11%	12	21.30%	23
62952-Jonesboro	25.82%	306	21.86%	259
62957-McClure	41.12%	81	18.27%	36
62958-Makanda	13.96%	123	28.83%	254
62961-Millcreek	25.00%	4	50.00%	8
62967-New Burnside	29.00%	29	24.00%	24
62972-Ozard	13.68%	65	19.37%	92
62985-Simpson	21.29%	53	21.29%	53
62995-Vienna	24.41%	372	21.92%	334
62997-Willisville	14.34%	35	13.93%	34
62998-Wolf Lake	31.96%	31	0.00%	0

## Substance Use Disorder – Adult Alcohol and Tobacco Use

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	Percentage of Adults Binge Drinking in the Past 30 Days (Crude)	Percentage of Adult Current Smokers (Crude)
<b>SIH CHNA Community</b>	<b>15.6%</b>	<b>17.9%</b>
<b>SIH Primary Service Area</b>	<b>15.7%</b>	<b>17.5%</b>
Franklin County, IL	14.9%	19.8%
Jackson County, IL	16.3%	15.9%
Saline County, IL	15.1%	19.2%
Williamson County, IL	15.8%	16.9%
<b>SIH Secondary Service Area</b>	<b>15.4%</b>	<b>19.5%</b>
Johnson County, IL	15.8%	18.7%
Perry County, IL	15.8%	20.7%
Union County, IL	14.7%	18.5%
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>15.4%</b>	<b>18.4%</b>
<b>State/National Benchmark</b>		
Illinois	16.1%	14.0%
United States	15.5%	13.5%

### Adult Alcohol Use

This indicator reports the percentage of adults age 18 and older who report having five or more drinks (men) or four or more drinks (women) on an occasion in the past 30 days.

### Adult Tobacco Use

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.

Alcohol Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2020. Source geography: Tract

Tobacco Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2020. Source geography: Tract

# Substance Use Disorder – Adult Alcohol and Tobacco Use

	Percentage of Adults Binge Drinking in the Past 30 Days (Crude)	Percentage of Adult Current Smokers (Crude)
<b>SIH Primary Service Area</b>	<b>15.7%</b>	<b>17.5%</b>
<b>Franklin County, IL</b>	<b>14.9%</b>	<b>19.8%</b>
<b>Jackson County, IL</b>	<b>16.3%</b>	<b>15.9%</b>
<b>Saline County, IL</b>	<b>15.1%</b>	<b>19.2%</b>
<b>Williamson County, IL</b>	<b>15.8%</b>	<b>16.9%</b>
62272-Percy/Willisville	16.5%	19.3%
62274-Pinkneyville	17.5%	21.9%
62280-Rockwood/Glenn	17.0%	19.0%
62812-Benton	14.7%	20.1%
62819-Buckner	16.6%	17.9%
62822-Christopher	14.3%	21.3%
62825-Coello	16.6%	17.4%
62832-Du Quoin/Saint Johns	15.5%	19.3%
62836-Ewing	16.8%	18.6%
62841-Freeman Spur	16.8%	15.6%
62856-Logan	16.0%	18.7%
62859-McLeansboro	15.5%	17.9%
62860-Macedonia	16.8%	18.7%
62865-Mulkeytown	16.0%	20.2%
62869-Norris City	15.8%	18.9%
62874-Orient	15.6%	19.9%
62883-Scheller	17.1%	17.8%
62884-Sesser	16.5%	17.0%
62890-Thompsonville	16.7%	18.9%
62891-Valler	16.6%	18.0%
62896-West Frankfort	15.3%	22.5%
62897-Whittington	14.2%	20.9%
62901-Carbondale	18.3%	14.7%
62902-Carbondale	16.5%	18.3%
62903-Carbondale	17.9%	16.5%
62905-Alto Pass	15.8%	18.1%
62907-Ava	17.0%	19.0%
62915-Cambria	17.7%	19.3%
62916-Ava	18.0%	18.7%

	Percentage of Adults Binge Drinking in the Past 30 Days (Crude)	Percentage of Adult Current Smokers (Crude)
62917-Carrier Mills	15.3%	19.2%
62918-Carterville	18.1%	14.9%
62920-Cobden	15.5%	18.3%
62921-Colp	14.4%	19.3%
62922-Creal Springs	15.7%	17.2%
62924-De Soto/Hurst	17.5%	20.7%
62927-Dowell	16.8%	20.5%
62930-Eldorado	14.7%	22.0%
62932-Elkville	16.7%	20.3%
62933-Energy	16.1%	14.4%
62934-Equality/Kedron	14.5%	22.5%
62935-Galatia	15.8%	17.5%
62939-Goreville	15.9%	16.3%
62940-Gorham	16.3%	20.6%
62942-Grand Tower	16.3%	20.9%
62946-Harrisburg	15.1%	20.4%
62947-Herod/Hicks/Derby/Eagle	14.8%	19.7%
62948-Herrin	16.2%	18.8%
62949-Hurst	16.0%	19.9%
62950-Jacob	14.8%	20.1%
62951-Johnston City	17.0%	17.3%
62958-Makanda	17.5%	13.9%
62959-Marion	16.2%	17.6%
62965-Muddy	16.8%	17.1%
62966-Murphysboro	16.2%	18.7%
62967-New Burnside	16.7%	16.8%
62974-Pittsburg	16.9%	18.4%
62975-Pomona	15.6%	22.0%
62977-Raleigh	16.6%	17.4%
62983-Royalton	15.7%	20.7%
62987-Stonefront	16.5%	17.7%
62994-Vergennes	17.9%	19.3%
62999-Zeigler	16.0%	20.9%

Data Source: See page 115.

## Substance Use Disorder – Adult Alcohol and Tobacco Use

	Percentage of Adults Binge Drinking in the Past 30 Days (Crude)	Percentage of Adult Current Smokers (Crude)
<b>SIH Secondary Service Area</b>	<b>15.4%</b>	<b>19.5%</b>
<b>Johnson County, IL</b>	<b>15.8%</b>	<b>18.7%</b>
<b>Perry County, IL</b>	<b>15.8%</b>	<b>20.7%</b>
<b>Union County, IL</b>	<b>14.7%</b>	<b>18.5%</b>
62237--Coulterville	15.8%	18.0%
62238-Cutler	17.2%	19.3%
62263-Nashville	16.8%	15.8%
62268-Oakdale/Lively Grove	16.7%	15.5%
62272-Percy	16.5%	19.3%
62274-Pinckneyville	17.5%	21.9%
62831-Du Bois/Radom	16.5%	15.7%
62832- Du Quoin	15.5%	19.3%
62883-Scheller	17.1%	17.8%
62888-Tamaroa	16.5%	19.2%
62902-Carbondale	16.5%	18.3%
62905-Alto Pass	15.8%	18.1%
62906-Anna	14.8%	19.5%
62908-Belknap	16.3%	19.0%

	Percentage of Adults Binge Drinking in the Past 30 Days (Crude)	Percentage of Adult Current Smokers (Crude)
62912-Buncombe	16.3%	18.4%
62916-Campbell Hill	18.0%	18.7%
62920-Cobden	15.5%	18.3%
62922-Cypress	15.7%	17.2%
62923-Cypress	15.8%	21.6%
62926-Dongola	15.7%	20.2%
62939-Goreville	15.9%	16.3%
62943-Grantsburg	15.1%	21.8%
62952-Jonesboro	15.8%	19.7%
62957-McClure	14.8%	22.9%
62958-Makanda	17.5%	13.9%
62961-Millcreek	18.2%	22.3%
62967-New Burnside	16.7%	16.8%
62972-Ozard	16.3%	16.6%
62985-Simpson	15.4%	16.9%
62995-Vienna	15.0%	28.5%
62997-Willisville	17.0%	18.9%
62998-Wolf Lake	16.5%	18.7%

Data Source: See page 115.

## Substance Use Disorder – Opioid Overdose

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### Opioid Overdose

This indicator reports the 2018-2022 five-year average rate of death due to opioid drug overdose per 100,000 population. Rates are re-summarized for report areas from county level data, only where data is available. This indicator is relevant because opioid drug overdose is the leading cause of injury deaths in the United States, and they have increased dramatically in recent years.

	Crude Death Rate (Per 100,000 Population)	Five Year Total Deaths, 2018-2022 Total
<b>SIH CHNA Community</b>	<b>12.9</b>	<b>142</b>
<b>SIH Primary Service Area</b>	<b>12.9</b>	<b>118</b>
Franklin County, IL	13.7	26
Jackson County, IL	12.0	33
Saline County, IL	22.2	26
Williamson County, IL	9.9	33
<b>SIH Secondary Service Area</b>		<b>0</b>
Johnson County, IL	No data	<b>No data</b>
Perry County, IL	No data	10
Union County, IL	No data	14
<b>Healthy Southern Illinois Delta Network (Lower 16 Counties)</b>	<b>12.2</b>	<b>154</b>
<b>State/National Benchmark</b>		<b>0</b>
Illinois	<b>21.7</b>	<b>13,714</b>
United States	<b>20.1</b>	<b>331,211</b>

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2018-2022 Source geography: County

# Substance Use Disorder – Opioid Overdose

	Crude Death Rate (Per 100,000 Population)	Five Year Total Deaths, 2018-2022 Total
<b>SIH Primary Service Area</b>	<b>12.9</b>	<b>118</b>
<b>Franklin County, IL</b>	<b>13.7</b>	<b>26</b>
<b>Jackson County, IL</b>	<b>12.0</b>	<b>33</b>
<b>Saline County, IL</b>	<b>22.2</b>	<b>26</b>
<b>Williamson County, IL</b>	<b>9.9</b>	<b>33</b>
62272-Percy/Willisville	No data	No data
62274-Pinkneyville	No data	No data
62280-Rockwood/Glenn	No data	No data
62812-Benton	No data	No data
62819-Buckner	No data	No data
62822-Christopher	No data	No data
62825-Coello	No data	No data
62832-Du Quoin/Saint Johns	No data	No data
62836-Ewing	No data	No data
62841-Freeman Spur	No data	No data
62856-Logan	No data	No data
62859-McLeansboro	No data	No data
62860-Macedonia	No data	No data
62865-Mulkeytown	No data	No data
62869-Norris City	No data	No data
62874-Orient	No data	No data
62883-Scheller	No data	No data
62884-Sesser	No data	No data
62890-Thompsonville	No data	No data
62891-Valler	No data	No data
62896-West Frankfort	No data	No data
62897-Whittington	No data	No data
62901-Carbondale	11.9	14
62902-Carbondale	No data	No data
62903-Carbondale	No data	No data
62905-Alto Pass	No data	No data
62907-Ava	No data	No data
62915-Cambria	No data	No data
62916-Ava	No data	No data

	Crude Death Rate (Per 100,000 Population)	Five Year Total Deaths, 2018-2022 Total
62917-Carrier Mills	No data	No data
62918-Carterville	No data	No data
62920-Cobden	No data	No data
62921-Colp	No data	No data
62922-Creal Springs	No data	No data
62924-De Soto/Hurst	No data	No data
62927-Dowell	No data	No data
62930-Eldorado	No data	No data
62932-Elkville	No data	No data
62933-Energy	No data	No data
62934-Equality/Kedron	No data	No data
62935-Galatia	No data	No data
62939-Goreville	No data	No data
62940-Gorham	No data	No data
62942-Grand Tower	No data	No data
62946-Harrisburg	22.2	13
62947-Herod/Hicks/Derby/Eagle	No data	No data
62948-Herrin	No data	No data
62949-Hurst	No data	No data
62950-Jacob	No data	No data
62951-Johnston City	No data	No data
62958-Makanda	No data	No data
62959-Marion	9.9	14
62965-Muddy	No data	No data
62966-Murphysboro	No data	No data
62967-New Burnside	No data	No data
62974-Pittsburg	No data	No data
62975-Pomona	No data	No data
62977-Raleigh	No data	No data
62983-Royalton	No data	No data
62987-Stonefront	No data	No data
62994-Vergennes	No data	No data
62999-Zeigler	No data	No data

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2018-2022 Source geography: County

# Substance Use Disorder – Opioid Overdose

	Crude Death Rate (Per 100,000 Population)	Five Year Total Deaths, 2018-2022 Total
<b>SIH Secondary Service Area</b>	<b>12.8</b>	<b>24</b>
<b>Johnson County, IL</b>	<b>No data</b>	<b>No data</b>
<b>Perry County, IL</b>	<b>No data</b>	<b>10</b>
<b>Union County, IL</b>	<b>No data</b>	<b>14</b>
62237--Coulterville	No data	No data
62238-Cutler	No data	No data
62263-Nashville	No data	No data
62268-Oakdale/Lively Grove	No data	No data
62272-Percy	No data	No data
62274-Pinckneyville	No data	No data
62831-Du Bois/Radom	No data	No data
62832- Du Quoin	No data	No data
62883-Scheller	No data	No data
62888-Tamaroa	No data	No data
62902-Carbondale	No data	No data
62905-Alto Pass	No data	No data
62906-Anna	No data	No data
62908-Belknap	No data	No data

	Crude Death Rate (Per 100,000 Population)	Five Year Total Deaths, 2018-2022 Total
62912-Buncombe	No data	No data
62916-Campbell Hill	No data	No data
62920-Cobden	No data	No data
62922-Cypress	No data	No data
62923-Cypress	No data	No data
62926-Dongola	No data	No data
62939-Goreville	No data	No data
62943-Grantsburg	No data	No data
62952-Jonesboro	No data	No data
62957-McClure	No data	No data
62958-Makanda	No data	No data
62961-Millcreek	No data	No data
62967-New Burnside	No data	No data
62972-Ozard	No data	No data
62985-Simpson	No data	No data
62995-Vienna	No data	No data
62997-Willisville	No data	No data
62998-Wolf Lake	No data	No data

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2018-2022 Source geography: County



# Appendix B – SIH Illinois County Behavioral Risk Factor Surveys (2020-2023)

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		SIH CHNA Community(SIH 7 County)	SIH Primary Service Area(SIH 4 County)	Southern Seven Counties (Alex., Hardin, Johnson, Massac, Pope, Pulaski, Union)	Egyptian (Gallatin, Saline, White Counties)	Franklin/ Williamson Counties	Hamilton/ Wayne Counties	Jackson County	Perry County	Randolph County	Healthy Southern Illinois Delta Network	
HEALTH STATUS	General Health Status	Excellent	16.2%	17.1%	12.5%	13.4%	16.9%	12.4%	19.00%	16.1%	19.8%	16.0%
		Very Good	33.9%	33.2%	33.2%	31.60%	31.4%	32.7%	*	29.6%	29.6%	32.4%
		Good	32.3%	32.6%	31.0%	33.8%	32.2%	36.6%	32.2%	33.3%	33.7%	32.6%
		Fair or Poor	12.1%	12.2%	17.7%	13.6%	13.7%	12.20%	8.8%	13.7%	13.2%	13.6%
	Number of Days Physical Health Not Good	Poor	5.4%	5.0%	5.6%	7.6%	5.9%	6.1%	2.6%	7.20%	3.7%	5.4%
		None	61.4%	60.4%	65.3%	57.2%	61.20%	63.6%	*	59.1%	64.0%	61.3%
		1-7 Days	22.1%	23.3%	15.5%	21.5%	21.0%	19.7%	*	26.4%	23.1%	21.9%
		8+ Days	16.5%	16.3%	19.2%	21.3%	17.8%	16.7%	12.0%	14.5%	12.9%	16.8%
	Number of Days Mental Health Not Good	None	54.1%	52.1%	61.6%	57.7%	56.7%	66.2%	*	58.3%	61.1%	56.2%
		1-7 Days	21.6%	22.7%	16.1%	20.8%	19.6%	17.8%	29.50%	21.0%	18.3%	20.7%
		8+ Days	24.3%	25.1%	22.3%	21.5%	23.70%	16.0%	*	20.7%	20.6%	23.1%
		Past Year	76.9%	75.9%	84.3%	75.7%	78.2%	77.60%	71.9%	75.7%	74.6%	77.6%
HEALTH CARE	Last Routine Checkup	Past 2 Years (>1yr, <2yrs)	10.6%	10.7%	8.9%	9.0%	9.8%	8.5%	13.5%	13.2%	9.4%	10.3%
		More than 2 Years	12.5%	13.4%	6.8%	15.3%	12.0%	13.9%	14.5%	11.2%	16.0%	12.1%
		No	16.2%	16.9%	11.9%	13.3%	10.9%	17.5%	*	17.1%	16.1%	15.7%
	Have Personal Doctor	Yes	83.8%	83.1%	88.1%	86.70%	89.10%	82.5%	*	82.9%	83.9%	84.3%
		No	87.6%	86.8%	87.2%	90.2%	88.80%	96.10%	*	92.40%	90.6%	88.1%
	Unable to Visit Doctor Due to Cost	Yes	12.4%	13.2%	12.8%	9.8%	11.2%	3.9%	*	7.6%	9.4%	11.9%
		No	92.8%	93.0%	92.8%	90.50%	94.2%	93.3%	91.9%	95.0%	95.8%	92.4%
	Could Not Fill Prescription Due to Cost	Yes	7.2%	7.0%	7.2%	9.5%	5.8%	6.7%	8.10%	5.0%	4.20%	7.6%
		No	19.0%	19.4%	17.8%	18.2%	21.7%	16.9%	14.5%	16.8%	19.5%	18.5%
	Currently Paying off any Medical Bills Over Time	Yes	81.0%	80.6%	82.2%	81.8%	78.3%	83.10%	85.5%	83.2%	80.5%	81.5%
		No	87.0%	86.4%	86.8%	88.7%	84.80%	91.4%	88.1%	91.8%	88.5%	87.2%
	Difficulty Understanding Information from Health Professionals	Very/Somewhat Easy	12.7%	13.6%	13.2%	11.3%	15.2%	8.6%	11.9%	8.2%	11.5%	12.8%
Very/Somewhat Difficult		26.7%	27.6%	26.4%	28.00%	30.4%	20.8%	21.3%	23.9%	20.60%	26.1%	
OTHER	Ever Told Depressive Disorder	No	73.3%	72.4%	73.6%	72.0%	69.60%	79.2%	78.7%	76.1%	79.4%	73.9%
		Yes	7.9%	6.9%	10.6%	16.0%	5.9%	8.8%	4.8%	9.2%	13.7%	9.0%
	Has Asthma Now	No	92.1%	93.1%	89.4%	84.0%	94.1%	91.2%	95.2%	90.8%	86.30%	91.0%
		Yes	83.7%	82.4%	85.3%	82.1%	84.6%	87.80%	79.00%	85.7%	84.6%	83.7%
	Past 30 Days - Any Marijuana/Cannabis Use	No	16.3%	17.6%	14.7%	17.9%	15.4%	12.20%	21.0%	14.3%	15.4%	16.3%
		Yes	41.2%	41.5%	42.3%	39.9%	37.4%	39.2%	*	33.5%	39.0%	41.2%
	Had Influenza Vaccination in the Past 12 Months	No	58.8%	58.5%	57.7%	60.1%	62.60%	60.80%	*	66.5%	61.0%	58.8%
		At Risk for Acute/Binge Drinking	81.4%	81.6%	84.7%	89.0%	85.1%	87.4%	*	79.0%	76.3%	82.2%
ALCOHOL	At Risk	18.6%	18.4%	15.3%	11.0%	14.9%	12.6%	*	21.0%	23.7%	17.8%	
	At Risk for Heavy Drinking	92.4%	92.5%	95.0%	95.9%	92.3%	94.4%	91.4%	88.2%	90.5%	92.8%	
CARDIOVASCULAR	EVER TOLD HAVE CORONARY HEART DISEASE	At Risk	7.6%	7.5%	5.0%	4.1%	7.7%	5.6%	8.6%	11.8%	9.5%	7.2%
		No	93.7%	93.6%	94.6%	93.0%	91.7%	91.0%	96.8%	93.5%	96.1%	93.7%
	Yes	6.3%	6.4%	5.4%	7.0%	8.3%	9.0%	3.2%	6.5%	3.9%	6.3%	
	EVER TOLD HAD A STROKE	No	95.6%	95.2%	95.8%	97.1%	93.5%	95.4%	97.6%	96.4%	96.9%	95.6%
Yes		4.4%	4.8%	4.2%	2.9%	6.5%	4.6%	2.4%	3.6%	3.1%	4.4%	

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# Appendix B – SIH Illinois County Behavioral Risk Factor Surveys (2020-2023)

			SIH CHNA Community(SIH 7 County)	SIH Primary Service Area(SIH 4 County)	Southern Seven Counties (Alex., Hardin, Johnson, Massac, Pope, Pulaski, Union)	Egyptian (Gallatin, Saline, White Counties)	Franklin/ Williamson Counties	Hamilton/ Wayne Counties	Jackson County	Perry County	Randolph County	Healthy Southern Illinois Delta Network
CHOLESTEROL	EVER HAD CHOLESTEROL CHECKED	Yes	89.2%	89.2%	93.2%	88.2%	91.8%	87.2%	86.0%	88.3%	88.9%	90.1%
		No	10.3%	10.8%	6.8%	11.8%	8.2%	12.8%	14.0%	11.7%	11.1%	9.9%
	LAST CHOLESTEROL TEST	Past Year	64.6%	63.8%	69.8%	64.0%	71.7%	66.9%	*	67.2%	63.7%	65.6%
		Past 5 Years (>1 yr, <5 yrs)	21.1%	21.0%	19.4%	16.7%	14.6%	14.6%	*	17.4%	20.2%	19.8%
		5+ Years Ago	4.0%	4.5%	4.0%	7.4%	3.7%	5.7%	5.2%	3.7%	5.0%	4.7%
	TOLD CHOLESTEROL WAS HIGH	Never	10.3%	10.8%	6.8%	11.8%	8.2%	12.8%	14.0%	11.7%	11.1%	9.9%
No		61.3%	62.0%	53.5%	61.7%	56.7%	56.4%	70.3%	61.6%	62.8%	59.6%	
	Yes	38.7%	38.0%	46.5%	38.3%	43.3%	43.6%	29.7%	38.4%	37.2%	40.4%	
COLON RECTAL	HAD BLOOD STOOL TEST IN PAST YEAR (AGED 50-75)	Yes	9.5%	9.4%	9.4%	13.0%	11.5%	7.7%	2.4%	7.8%	5.3%	9.2%
	No	90.5%	90.6%	90.6%	87.0%	88.5%	92.3%	97.6%	92.2%	94.7%	90.8%	
CAC NCER	HAD COLONOSCOPY PAST 10 YEARS (AGED 50-75)	Yes	67.7%	68.0%	*	58.4%	*	56.2%	70.1%	62.2%	61.0%	64.7%
	No	32.3%	32.0%	*	41.6%	*	43.8%	29.9%	37.8%	39.0%	35.3%	
CAC NCER	HAD SIGMOIDOSCOPY PAST 5 YEARS (AGED 50-75)	Yes	3.6%	4.1%	*	*	*	*	*	*	*	3.4%
	No	96.4%	95.9%	96.9%	*	*	99.8%	*	*	99.3%	96.6%	
DIABETES	EVER TOLD HAVE DIABETES	No	87.2%	87.9%	83.1%	83.7%	85.9%	87.4%	92.7%	85.2%	90.6%	86.7%
		Yes	12.8%	12.1%	16.9%	16.3%	14.1%	12.6%	7.3%	14.8%	9.4%	13.3%
	PAST THREE YEARS HAD A HIGH BLOOD SUGAR/DIABETE	Yes	48.0%	46.8%	53.3%	50.3%	53.2%	48.6%	*	45.6%	52.5%	49.1%
		No	52.0%	53.2%	46.7%	49.7%	46.8%	51.4%	*	54.4%	47.5%	50.9%
EVER TOLD YOU HAVE BORDERLINE/PRE-DIABETES	Yes	9.0%	8.5%	11.4%	6.4%	9.3%	8.5%	7.5%	7.7%	10.4%	9.0%	
	No	91.0%	91.5%	88.6%	93.6%	90.7%	91.5%	92.5%	92.3%	89.6%	91.0%	
OBESITY	BODY MASS INDEX	Normal or Underweight	27.2%	28.3%	24.5%	27.3%	26.8%	25.6%	30.6%	24.2%	24.4%	26.7%
		Overweight	37.4%	38.3%	31.4%	34.3%	37.5%	36.5%	*	32.0%	32.0%	35.6%
		Obese	35.4%	33.3%	44.1%	38.4%	35.7%	37.8%	28.2%	43.9%	43.6%	37.7%
	OVERWEIGHT OR OBESE	No	27.2%	28.3%	24.5%	27.3%	26.8%	25.6%	30.6%	24.2%	24.4%	26.7%
Yes		72.8%	71.7%	75.5%	72.7%	73.2%	74.4%	69.4%	75.8%	75.6%	73.3%	
EXERCISE	ANY PHYSICAL ACTIVITY PAST 30 DAYS	Yes	76.7%	77.1%	72.6%	72.8%	76.9%	70.8%	80.7%	76.2%	73.9%	75.7%
		No	23.3%	22.9%	27.4%	27.2%	23.1%	29.2%	19.3%	23.8%	26.1%	24.3%
HYPERTENSION	EVER TOLD HAVE HIGH BLOOD PRESSURE	No	60.5%	61.4%	56.3%	55.2%	59.0%	61.2%	66.8%	56.1%	59.8%	59.1%
		Yes	39.5%	38.6%	43.7%	44.8%	41.0%	38.8%	33.2%	43.9%	40.2%	40.9%
DENTAL CARE	LAST DENTAL VISIT	Past Year	59.5%	58.5%	62.3%	51.0%	61.0%	57.5%	*	61.6%	62.9%	59.5%
		Past 2 Years (>1yr, <2yrs)	13.6%	13.4%	11.7%	10.2%	10.2%	13.5%	*	18.6%	7.9%	12.8%
		More than 2 Years	26.9%	28.1%	26.0%	33.8%	28.8%	29.0%	24.5%	19.9%	29.2%	27.7%
	HAVE DENTAL INSURANCE COVERAGE	No	34.5%	35.6%	38.3%	42.0%	36.9%	47.6%	31.4%	31.4%	33.2%	36.3%
Yes		65.5%	64.4%	61.7%	58.0%	63.1%	52.4%	68.6%	68.6%	66.8%	63.7%	
TOBACCO & E-CIGARETTES	CALCULATED SMOKING STATUS	SMOKER	15.6%	15.7%	18.8%	19.6%	16.6%	15.0%	10.8%	12.8%	19.1%	16.3%
		FORMER SMOKER	28.4%	28.3%	27.9%	25.4%	33.2%	26.3%	20.3%	26.9%	21.8%	27.2%
		NON-SMOKER	56.0%	56.0%	53.2%	55.1%	50.2%	58.7%	68.9%	60.3%	59.1%	56.6%
	USE SMOKELESS TOBACCO	No	94.1%	93.9%	95.5%	96.8%	92.0%	94.8%	96.7%	93.4%	92.4%	94.3%
		Yes	5.9%	6.1%	4.5%	3.2%	8.0%	5.2%	3.3%	6.6%	7.6%	5.7%
	CALCULATED E-CIGARETTES STATUS	Current User	7.3%	8.1%	4.7%	6.8%	9.4%	8.1%	4.2%	7.3%	7.4%	6.8%
Not Currently Using		25.6%	25.3%	27.7%	27.3%	22.2%	17.0%	*	21.3%	22.9%	25.2%	
Never Used		67.1%	66.6%	67.5%	65.9%	68.5%	74.9%	*	71.4%	69.7%	68.0%	

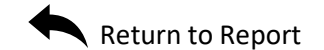
# Appendix B – SIH Illinois County Behavioral Risk Factor Surveys (2020-2023)

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		SIH CHNA Community(SIH 7 County)	SIH Primary Service Area(SIH 4 County)	Southern Seven Counties (Alex., Hardin, Johnson, Massac, Pope, Pulaski, Union)	Egyptian (Gallatin, Saline, White Counties)	Franklin/ William Counties	Hamilton/ Wayne Counties	Jackson County	Perry County	Randolph County	Healthy Southern Illinois Delta Network	
<b>IMMUNIZATION</b>	EVER HAD PNEUMONIA VACCINATION	Yes	39.6%	41.6%	32.8%	39.4%	39.8%	34.0%	*	34.8%	37.7%	38.8%
		No	60.4%	58.4%	67.2%	60.6%	60.2%	66.0%	*	65.2%	62.3%	61.2%
<b>COPD</b>	EVER TOLD BY DOCTOR HAVE COPD	Yes	7.9%	8.3%	9.5%	14.3%	9.9%	8.8%	3.6%	7.1%	6.8%	8.8%
		No	92.1%	91.7%	90.5%	85.7%	90.1%	91.2%	96.4%	92.9%	93.2%	91.2%
<b>CANCER OTHER THAN SKIN</b>	EVER TOLD HAD OTHER TYPE OF CANCER (NOT SKIN CA)	Yes	9.5%	9.9%	7.8%	11.9%	10.7%	8.5%	8.4%	10.5%	7.9%	9.5%
		No	90.5%	90.1%	92.2%	88.1%	89.3%	91.5%	91.6%	89.5%	92.1%	90.5%
<b>ARTHRITIS</b>	EVER TOLD HAVE ARTHRITIS	Yes	31.2%	31.3%	32.7%	32.1%	32.4%	34.8%	*	33.4%	29.2%	31.9%
		No	68.8%	68.7%	67.3%	67.9%	67.6%	65.2%	*	66.6%	70.8%	68.1%
<b>WOMEN'S HEALTH</b>	HAD MAMMOGRAM PAST 2 YEARS (WOMEN AGE 40+)	Yes	73.0%	71.7%	82.1%	*	*	69.4%	*	74.6%	73.5%	73.5%
		No	27.0%	28.3%	17.9%	*	*	30.6%	*	25.4%	26.5%	26.5%
	HAD PAP IN PAST 3 YEARS (WOMEN AGE 21-65)	Yes	77.7%	77.7%	*	*	*	*	*	*	*	77.1%
	No	22.3%	22.3%	*	*	*	*	*	*	*	22.9%	
<b>HIV/AIDS</b>	EVER HAD HIV TEST	Yes	28.7%	28.2%	33.2%	24.2%	27.5%	14.2%	29.2%	23.2%	16.0%	26.7%
		No	71.3%	71.8%	66.8%	75.8%	72.5%	85.8%	70.8%	76.8%	84.0%	73.3%
<b>PROSTATIC CA</b>	EVER HAD PSA TEST	Yes	51.1%	52.2%	*	50.2%	*	*	*	*	*	53.3%
		No	48.9%	47.8%	*	49.8%	*	*	*	*	*	46.7%

# Appendix C – SIH CHNA Advisory Team (Review and Prioritization of SIH Priority Health Issues)

Name/Job Title	Main Counties	Hospital Area Representation	Agency/Organization
Angela Stanton, RN House Supervisor	Jackson	St. Joseph Memorial Hospital	SIH St. Joseph Memorial Hospital
Angie Bailey, Director, Community Health	Multiple	Multiple	SIH Community Benefits
Abby Krummel, Manager, Case Management	Multiple	Memorial Hospital of Carbondale	SIH Case Management
Ashley Reeves, Manager, Physician Office Clinical Services	All	Multiple	SIH SIMS Referrals
Amy Lampley, RN Case Manager, Emergency Services	Saline	Harrisburg	SIH HMC Psychiatric Unit
Angie Hampton, Director	Saline	Harrisburg	Egyptian Health Department
April Miller, Manager, Nursing/Multi-Unit	Jackson	Memorial	SIH Intensive Care Unit
Bart Millstead, Senior VP & Chief Operating Officer	All	Memorial	SIH Chief Operations Officer
Becky Salzar, Executive Director	All	Multiple	Egyptian Area Agency on Aging, Inc.
Craig Jesiolowski, VP/Administrator MHC/SJMH	Jackson	Memorial/St. Joseph Memorial Hospital	SIH Hospital Administration
Cathy Harte, Director, Population Health	All	Multiple	SIH Population Health
Cindy Johnson, Tobacco Disparities Grant Coordinator	All	Multiple	SIH Community Benefits
Cherie Wright, School Health Coordinator	All	Multiple	SIH Community Benefits
Christina Carney, CEO	Jackson, Williamson	Multiple	Shawnee Health
Coral Cerrato, Healthcare Administrator	Jackson	Memorial Hospital of Carbondale	SIU Center for Family Medicine - Carbondale
Clark Gyure, Consultant	All	Multiple	Gyure Consulting
Debi Johnson, Director of Health Education	Franklin, Williamson	Multiple	Franklin-Williamson Bi-County Health Department
Dinah McGreehan, Director of Violence Prevention Programs	Jackson	Memorial	City of Carbondale
Matt Winkleman, SM-Physician	Saline	Harrisburg	SIH Primary Care Group Harrisburg
Emma Rea, Office Coordinator	All	Multiple	SIH Community Benefits
Erika Peterson, Process Improvement Coordinator	Jackson, Williamson	Multiple	Shawnee Health
Fatoumata Saidou Hangadoumbo, Community Health Coordinator	All	Multiple	SIH Community Benefits
Jeff Stewart, Director, Mission Integration	All	Multiple	SIH Mission Integration
Jennifer Hertter, Executive Director, Managed Care	All	Multiple	SIH Managed Care
Jennifer Sigler, Director, SIH Foundations and Funds Development	All	Multiple	SIH Community Affairs
Johnna Smith, Nurse Executive/SJM	Jackson	St. Joseph Memorial Hospital	SIH Nursing Administration
Katie Unthank, Director of Health Education	Saline	Harrisburg	Egyptian Health Department
Kimberly Scott Pilkington, Health Educator	Saline	Harrisburg	Egyptian Health Department
Kitty Juul, Director	Multiple	Multiple	SIU School of Medicine Center for Rural Health and Social Service Development
Kristen Matthews, Illinois Delta Project Coordinator	Multiple	Multiple	SIU School of Medicine Center for Rural Health and Social Service Development
Laura Herzog, Director, Behavioral Health	Multiple	Multiple	SIH Behavioral Health
Linda Flowers, Director	Jackson	Memorial	NAACP Carbondale
Lindsay Ledbetter, Manager, Physician Recruitment	All	Multiple	SIH Physician Relations
Lisa Gulley, Manager, Physician Practice	Saline	Harrisburg	SIH Primary Care Group Administrative Management
Lizz Cooley, Questelle, Extension Educator, SNAP-Ed	Multiple	Multiple	University of Illinois Extension
Lynnette Torres, Director, Clinical Operations Population Health	Multiple	Multiple	SIH Population Health
Madelyn Shepard, School Health Specialist	All	Multiple	SIH Community Benefits
Malea Bailey, Marketing Coordinator	All	Multiple	SIH Marketing & Communications
Matt Laversee, Director of Health Education	Jackson	Multiple	Jackson County Health Department
Miguel Sarmiento, Director of Operations	Multiple	Multiple	Illinois Migrant Council
Natalie Sawyer, Director of Health Education	Southern 7	Multiple	Southern Seven Health Department
Rachael Hamburger, Manager, Case Management	Jackson/Williamson	Herrin/ St. Joseph	SIH Case Management
Rodney Smith, VP/Administrator HH/HMC	Multiple	Multiple	SIH Hospital Administration
Samantha Burton, Nurse Executive	Williamson	Herrin	SIH Nursing Administration
Shelly Pierce, VP Chief Quality Officer	Multiple	Multiple	SIH Patient Relations
Tera Lannom, Nurse Executive/HMC	Saline	Harrisburg Medical Center	SIH Nursing Administration
Toni Hayden, Administrator	Multiple	Multiple	United Way of Southern Illinois
Toni Kay Wright, Extension Educator, SNAP-Education	Multiple	Multiple	University of Illinois Extension
Tonica Anderson, Manager, Quality Improvement	Williamson	Multiple	SIH Quality Improvement
Tresa DeMello, Director of Health & Safety	Jackson, Williamson	Herrin, Memorial, St. Joseph	Shawnee Health
Vanessa Ewing, Manager, Nursing	Williamson	Herrin	SIH Herrin Hospital Inpatient Rehabilitation
Woody Thome, Chief Development Officer	Multiple	Multiple	SIH Community Affairs



## Appendix D – Key Stakeholder Interview Summary

The questions on the interview instrument are grouped into four major categories for discussion. The interview questions for each key stakeholder were identical. A summary of the stakeholders' responses by each of the categories follows. Paraphrased quotes are included to reflect some commonly held opinions and direct quotes are employed to emphasize strong feelings associated with the statements.

This section of the report summarizes what the key stakeholders said without assessing the credibility of their comments.

### **1. General opinions regarding health and quality of life in the community**

The key stakeholders were asked to rate the health and quality of life in the community. They were also asked to provide their opinion regarding whether the health and quality of life had improved, declined or stayed the same over the past few years. Lastly, key stakeholders were asked to provide support for their answers.

Most of the key stakeholders rated the health and quality of life in the community as average or below average. Factors contributing to this rating included high rates of poverty in Southern Illinois, homelessness, mental health issues, and limited employment opportunities due to the loss of industry and lack of jobs. Many key stakeholders also acknowledged that health and quality of life in the community was better for individuals in a higher socio-economic level.

When asked whether the health and quality of life had improved, declined, or stayed the same, most of the stakeholders responded that they felt the health and quality of life had declined over the last three years, and that COVID had been a factor in the decline, along with many health providers exiting the community over the past several years. These factors, along with the factors noted previously have contributed to an increase in mental health issues within the community. Positive factors included a significant increase in collaboration among community agencies to develop initiatives that are improving care coordination and addressing significant health needs. Key stakeholders noted that SIH has increased community outreach over the past several years that also contributed in a positive manner.

When it comes to personal wellness and healthy living, stakeholders noted there are a lot of programs on healthy living and outreach that the medical community is involved with. However, community members do not always take advantage and could be more proactive in participating in preventative care. Healthy food access is difficult for those in poverty. Stakeholders noted that many churches try to fill gaps by providing food banks and community activities for health and wellness.

Stakeholders noted additional factors that have contributed to health and quality of life in the community. Additional negative factors included transportation barriers and internet difficulty due to the rural community, a significant shortage of mental health providers and medical specialists in the community, and challenges with providers not taking Medicaid patients. Rural areas, such as the southern part of the Delta Region, have very limited access to healthcare. This is due to factors such as distance from providers, lack of insurance acceptance, and socio-economic status.

*“We are shifting to an aging community.”*

*“We are seeing more homelessness. There used to be no legitimate homeless people, but now there are people who aren't staying with anyone.”*

## Appendix D – Key Stakeholder Interview Summary (continued)

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*“Access to healthcare is better than other rural areas.”*

*“As far as mental health, there isn’t enough places for treatment for the people who need more serious care.”*

*“We are rural and have a lack of specialty care.”*

*“Access to health care is why they haven’t seen an improvement. Telehealth helped some, but the patient population doesn’t have the technology nor transportation. Transportation is the largest barrier for patients seeking care.”*

*“COVID played a huge impact on the mental health issues increasing.”*

### **2. Underserved populations and communities of need**

Key stakeholders were asked to provide their opinions regarding specific populations or groups of people whose health or quality of life may not be as good as others. Stakeholders were also asked to provide their opinions as to why they thought the populations were underserved or in need. Each stakeholder was asked to consider the specific populations they serve or those with which they usually work.

The stakeholders recognized that certain groups, such as adolescents, adults aged 35-55, impoverished individuals, minorities, and the elderly, face significant unmet health care needs. Key challenges include inadequate health education, difficulty identifying health issues, limited access to resources, transportation issues, and disparities in treatment. Proposed solutions to address these issues involve collaborating with faith-based communities, providing cost-effective virtual classes, and partnering with local organizations to enhance resource access and reduce disparities.

*“Adolescents have a serious mental health need.”*

*“The homeless and low-income populations have challenges with accessing resources that would support them.”*

*“All the minorities are doing worse than non-minorities on cancer rates.”*

*“We now have an infrastructure to help those who are most underserved.”*



## Appendix D – Key Stakeholder Interview Summary (continued)

### 3. Barriers

The key stakeholders were asked what barriers or problems keep community residents from obtaining necessary health services and improving health in their community. The responses addressed a wide array of issues.

Transportation was frequently mentioned as a barrier to improving health in the community, particularly the inadequate public transportation and limited transportation offerings. Additionally, those living in rural areas have far commutes to health centers and generally do not have access to public transportation.

Poverty and Food insecurity and the choice individuals make whether to purchase food or purchase health care services.

Accessible health services and the limited treatment options for mental health and substance abuse was mentioned as a barrier to improving health. The key stakeholders were asked if health services such as medical, dental, and mental health services, were easily accessible in the community and the consensus was that these services were not accessible to all in the community – particularly the Medicaid population or those living in rural areas. Additionally, it was noted that pediatric dental and mental health services are very hard to access due to limited providers and providers not accepting Medicaid.

*“Behavioral health has caused a lot of strife in the region.”*

*“More physicians and more resources are needed and need to be available.”*

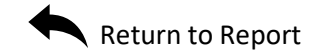
*“Virtual visits help because the patients don’t have to worry about being recognized with a mental illness.”*

*“Lack of opportunities for work.”*

### 4. Most important health and quality of life issues

Key stakeholders were asked to provide their opinion as to the most critical health and quality of life issues facing the community. The issues identified most frequently in alphabetical order were:

- Chronic health conditions – particularly: obesity, diabetes, and heart conditions
- Low income / poverty
- Mental and behavioral health
- Social drivers of health – food insecurity, affordable housing and transportation



## Appendix D – Key Stakeholder Interview Summary (continued)

Other important health and quality of life issues were noted affecting all stages of life, including the shortage of providers, access to jobs, and increasing use of vaping and nicotine.

The key stakeholders were also asked to provide suggestions on what should be done to address the most critical issues. Responses included:

- Several stakeholders said more funding is needed and mentioned reaching out to the state to expand coverage and services through Medicaid.
- Logistical planning for mobile units to assist patients with transportation, such as finding a concentration of patients to be effective.
- Communicate the resources and healthcare access available to the individuals in the community with a follow-up to ensure they understand.

In closing, the key stakeholders were asked to recommend the most important issue that Southern Illinois Healthcare should address over the next three to five years.

A majority of the key stakeholders recommended SIH focus on addressing mental and behavioral health by increasing access, recruiting mental health providers and providing community education – particularly for youth in the community. SIH should continue to partner with schools to ensure adequate support and resources are available to students. Stakeholders agreed that mental health impacts so many facets of people’s lives and it impacts almost everyone in the community in some way.

Stakeholders also suggested SIH should continue to partner with the health departments in all counties to address health needs and provide health education.

Finally, stakeholders recommended SIH focus on improving access to services by recruiting more specialists to the region, providing support to patients who may not understand the complexities of navigating the health system and work to address transportation challenges for many in the community.

*“Continue to work on healthy behaviors and ground-level mental health issues such as coping skills.”*

*“SIH should address, mental health, particularly for children. It is not their specialty, but they have the power to bring in the specialists.”*

*“Child and adolescent health and development. IF we don’t turn the tide on mental health issues with children, it’s a high concern.”*

*“SIH should continue to focus on specialist recruitment.”*



## Appendix E – Key Stakeholder Survey Summary

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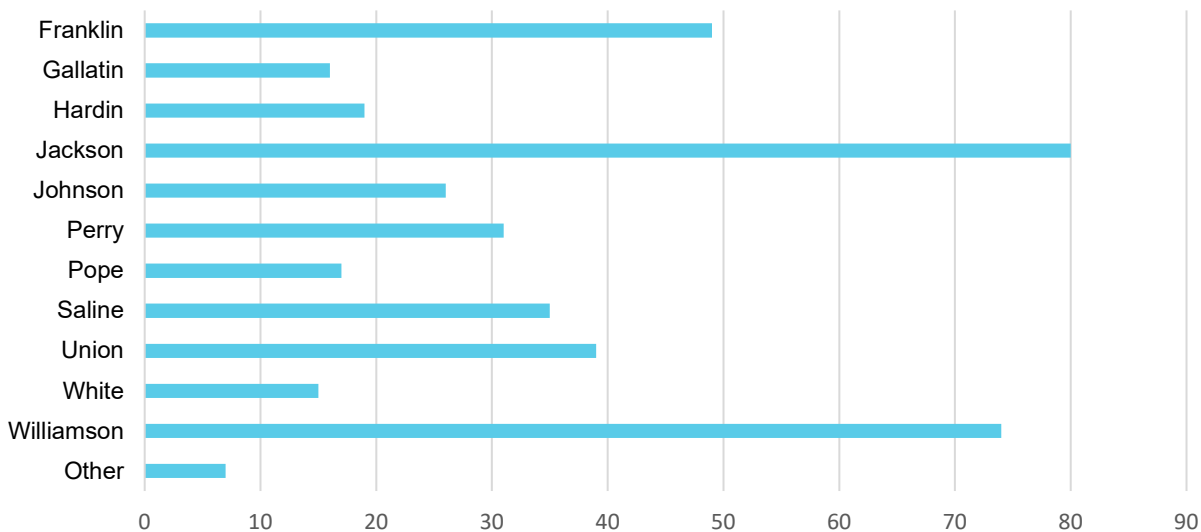
SIH requested key stakeholders in the community complete an electronic survey during June and July of 2024. A link to the survey was distributed via e-mail to key stakeholders. A total of 90 surveys were completed.

Survey respondents were asked to indicate which counties their organizations served. Below is a summary of responses. Representatives from all counties in SIH's CHNA community participated in the key stakeholder survey with Jackson, Williamson and Franklin counties having the highest rates.

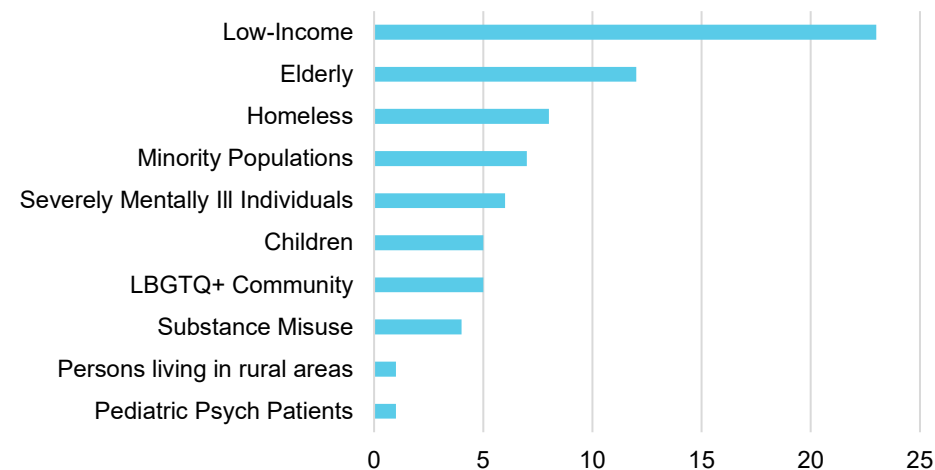
Survey respondents were asked several questions that allowed open-ended responses. Not all respondents answered each question. These questions are summarized below and on the following page.

Survey respondents were asked to identify groups in the community who are at greater risk for poorer health outcomes or difficulties obtaining optimal health and well-being? Responses varied with the groups below being identified as vulnerable populations.

Which Counties are Served by Key Stakeholders?



Underserved Populations



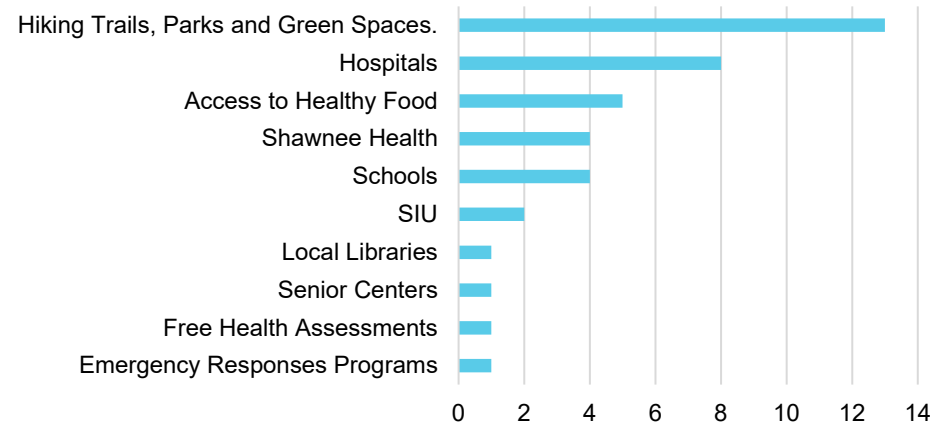
## Appendix E – Key Stakeholder Survey Summary

[Return to Report](#)

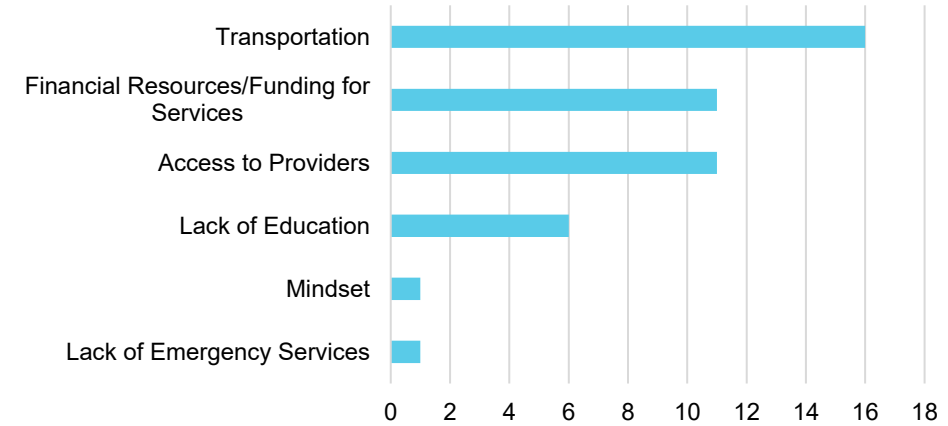
When respondents were asked to identify the most important health assets in the community, assets most frequently noted were hiking trails, parks and green spaces, hospitals, and access to healthy food.

Respondents identified transportation, financial resources and access to providers as the biggest barriers to improving health and quality of life in the community.

### Most Important Health Assets in the Community



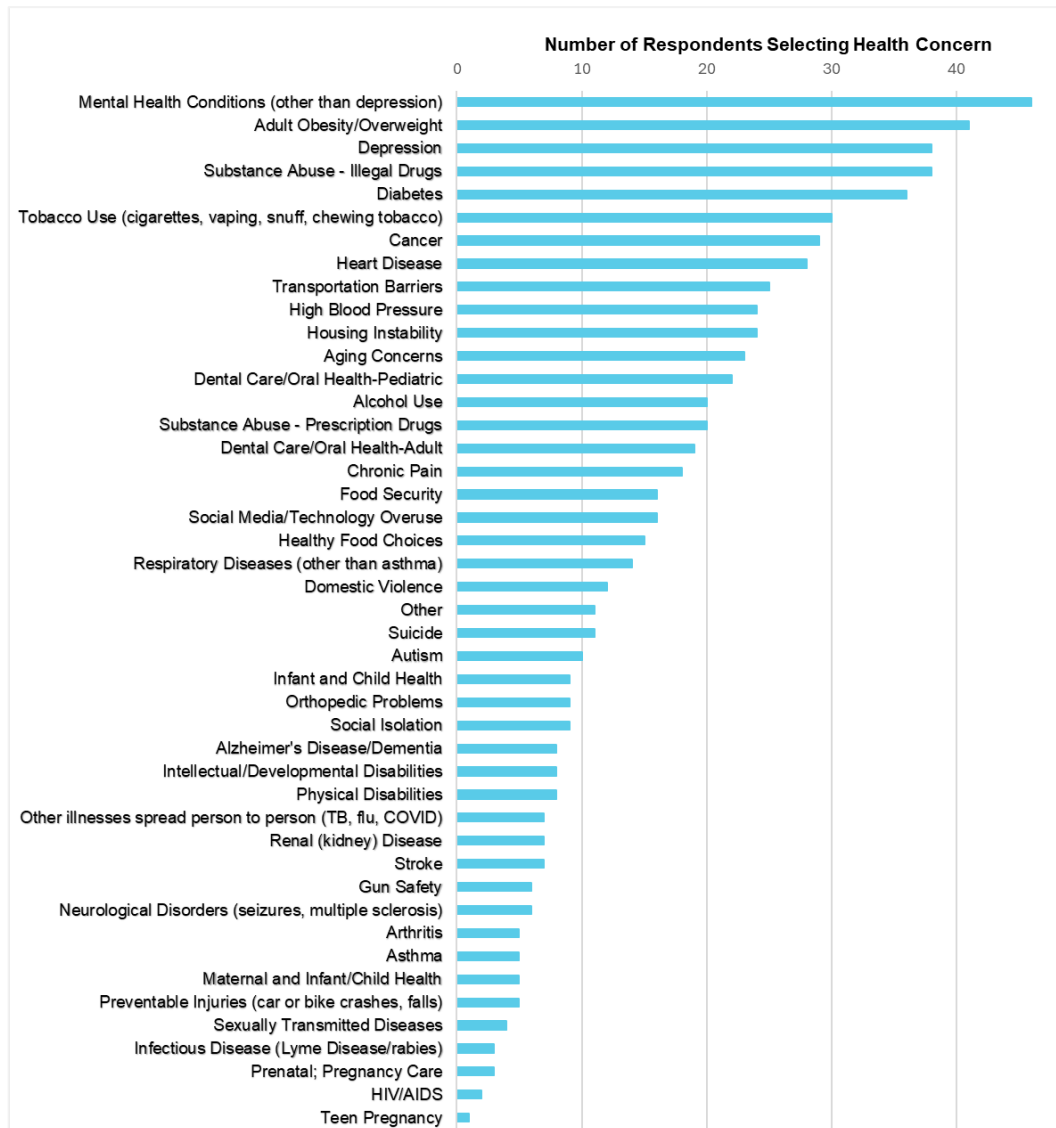
### Barriers to Improving Health and Quality of Life in the Community



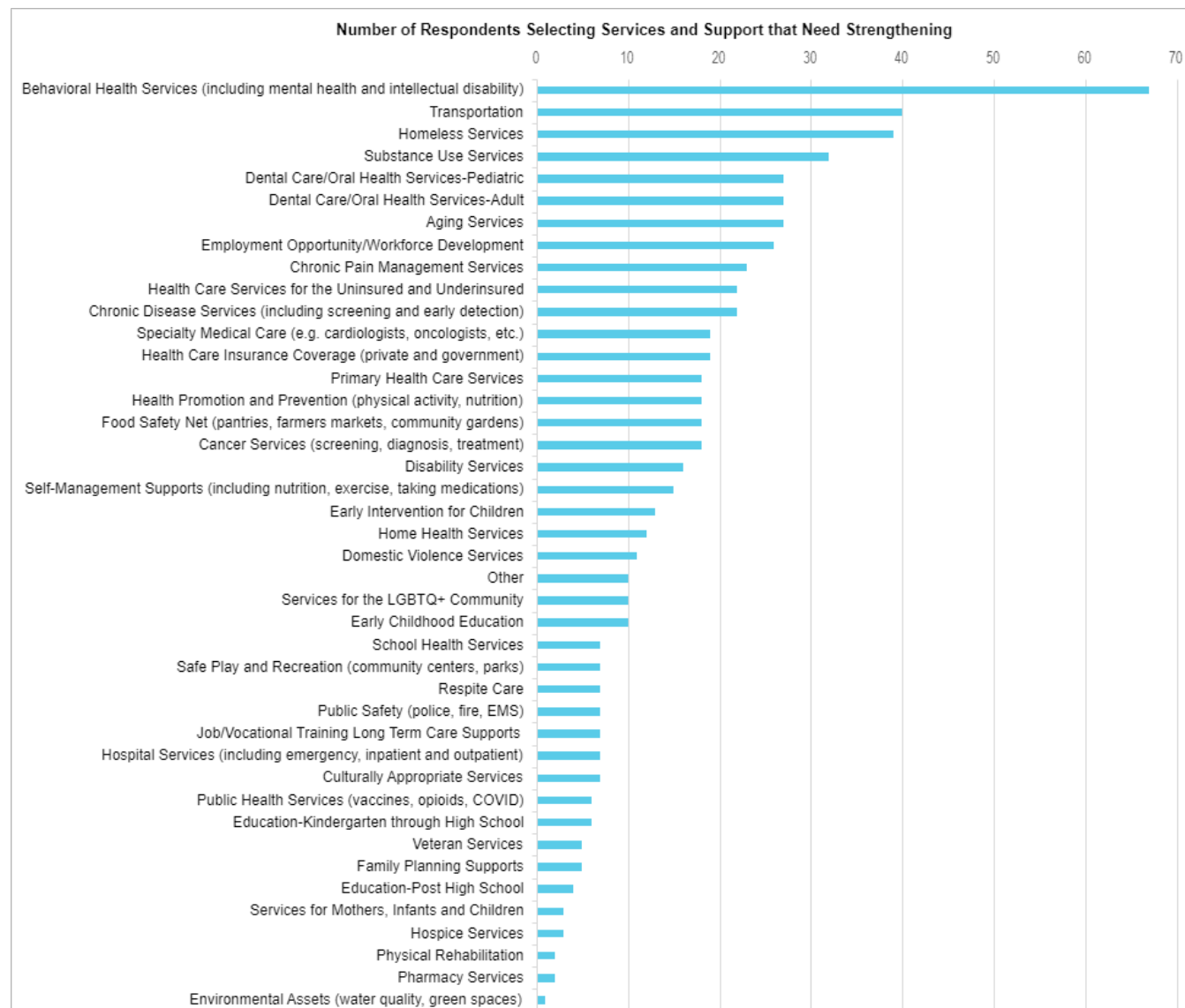
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# Appendix E – Key Stakeholder Survey Summary

## Most Important Health Concerns



## Which community services and supports need strengthening?

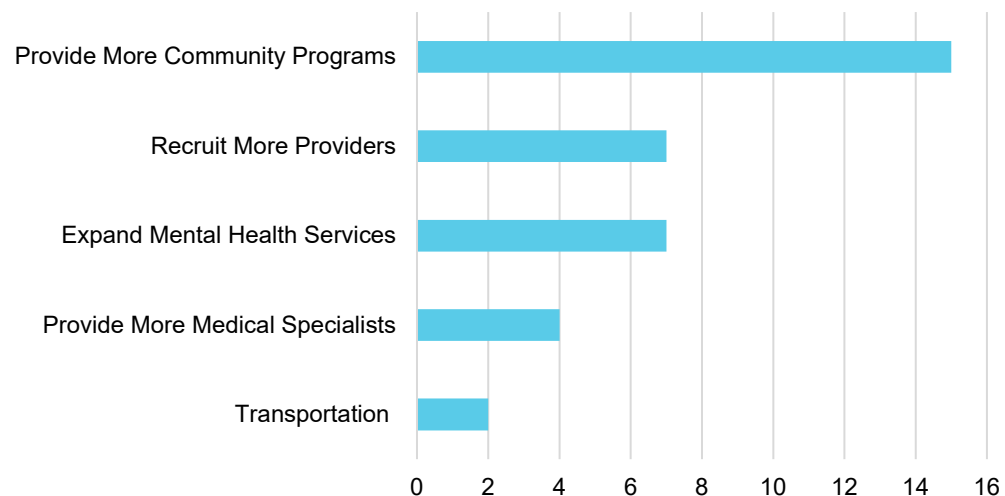


## Appendix E – Key Stakeholder Survey Summary

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Respondents were asked to provide suggested strategies for addressing identified health needs. The five most frequently noted strategies are reported below.

### Suggested Strategies to Address Health Needs



A final open-ended question asked respondents to provide any additional thoughts. Below are excerpts from responses to this question.

*“More navigators within the system to arrange appointments same day for less burden on the patients”*

*“Just emphasis on transportation or the lack of in southern Illinois.”*

*“It would be great to focus on the youth more in Pre-and K-12 settings.”*

*“SIH does a tremendous job in reaching out. We would welcome your presence at our open houses and PTO events.”*

*“Possibly having gun safety classes so people understand better and do not carry an unnecessary fear of guns in the home, etc.”*

*“Improved childcare options are also needed.”*

## Appendix F – Community Survey

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In order to develop a broad understanding of community health needs, SIH conducted a community survey during June, July and August of 2024. A link to the survey was distributed through the Healthy Southern Illinois Delta Network (HSIDN), a 400+ member coalition working to improve health in Southern Illinois, SIH Patient and Family Advisory Council, homeless shelters, NAACP, food pantries and faith communities. The survey was also promoted through social media, flyers at community events and was shared on the SIH web-site. The survey was also translated into Spanish and shared as Spanish mass, to local orchards that employ Spanish speaking individuals, and through the Southern Illinois Migrant Council and many others. A total of 613 surveys were completed.

The majority of respondents identified as White/Caucasian (88%), 3% of the respondents identified as Black or African American and 1% identified as Hispanic or Latino. The remaining 8% identified with other racial or ethnic identities or preferred no to identify their race/ethnicity.

Respondents by age group were as follows:

<u>Age Group</u>	<u>Percent of Total Respondents</u>
18-35	14%
36-45	15%
46-55	17%
56-65	22%
Over 65	32%

Females represented 84% of the respondents while males represented 11%. The remaining 5% of respondents identified as other genders or chose not to answer.

*Given the reported demographics above, care should be taken with interpreting the survey results. The ethnicities, ages and gender of survey respondents do not match demographics for the CHNA Community. Specifically, the survey reached more whites and more females compared to demographic information for the community. Additionally, a higher percentage older adults, aged 65+, completed the survey compared to the demographics for the CHNA Community.*

Survey respondents were asked to rate the current strengths and weaknesses of the community. Strengths and weaknesses most frequently reported are reported below.

### Strengths:

1. Access to parks and recreation
2. Strong religious faith and faith-based community
3. Education
4. Active community
5. Lots of diversity and culture
6. Availability of healthcare

### Weaknesses:

1. Poverty
2. Need expanded transportation services
3. Lack of availability of mental health care
4. Lack of availability of affordable healthy food
5. Poor housing quality
6. Lack of availability of healthcare

What is the biggest source of stress in your daily life?



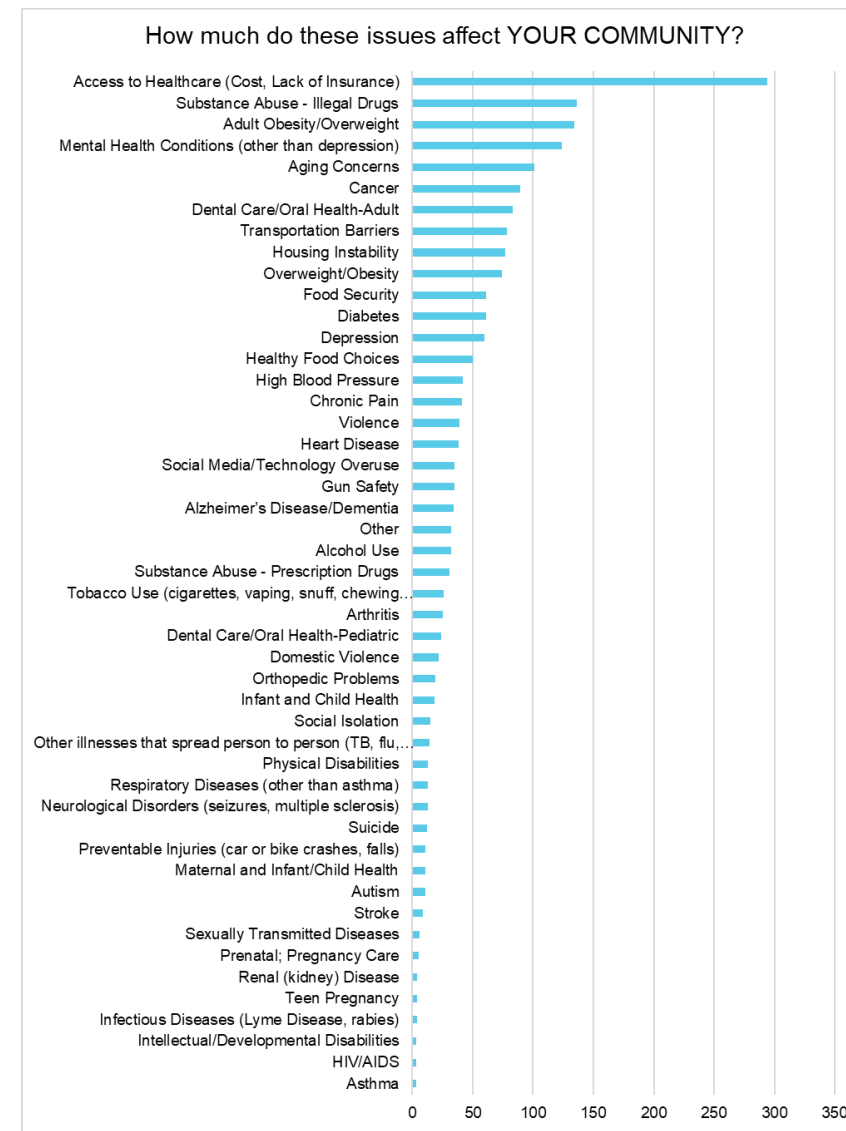
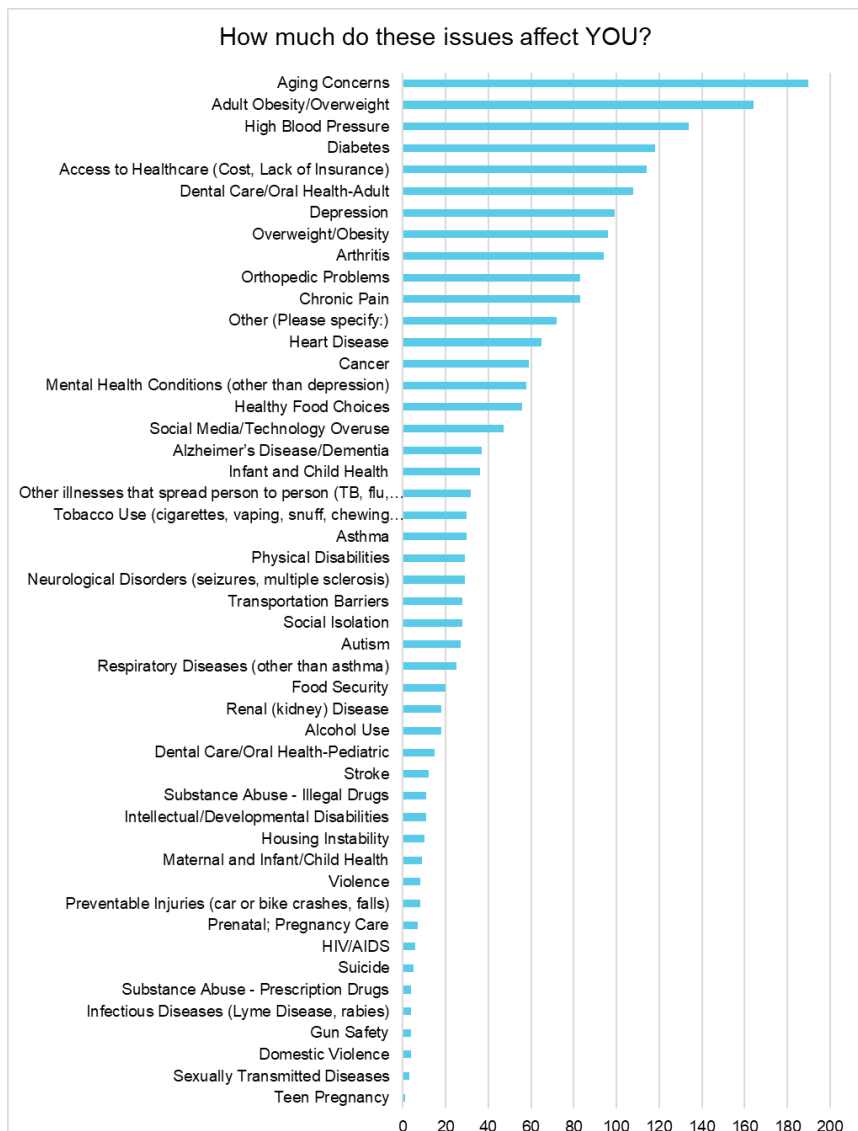
Financial Stability & Relationships

## Appendix F – Community Survey

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When asked “How much do these health issues affect YOU?” cost of health care, awareness of healthy food choices, mental health and obesity were the issues that affected respondents most. The chart below summarizes all of the responses to this question.

When asked to rate how the same issues impacted the community, respondents identified substance abuse, cost of health care, mental health and obesity as the issues that affected the community most.

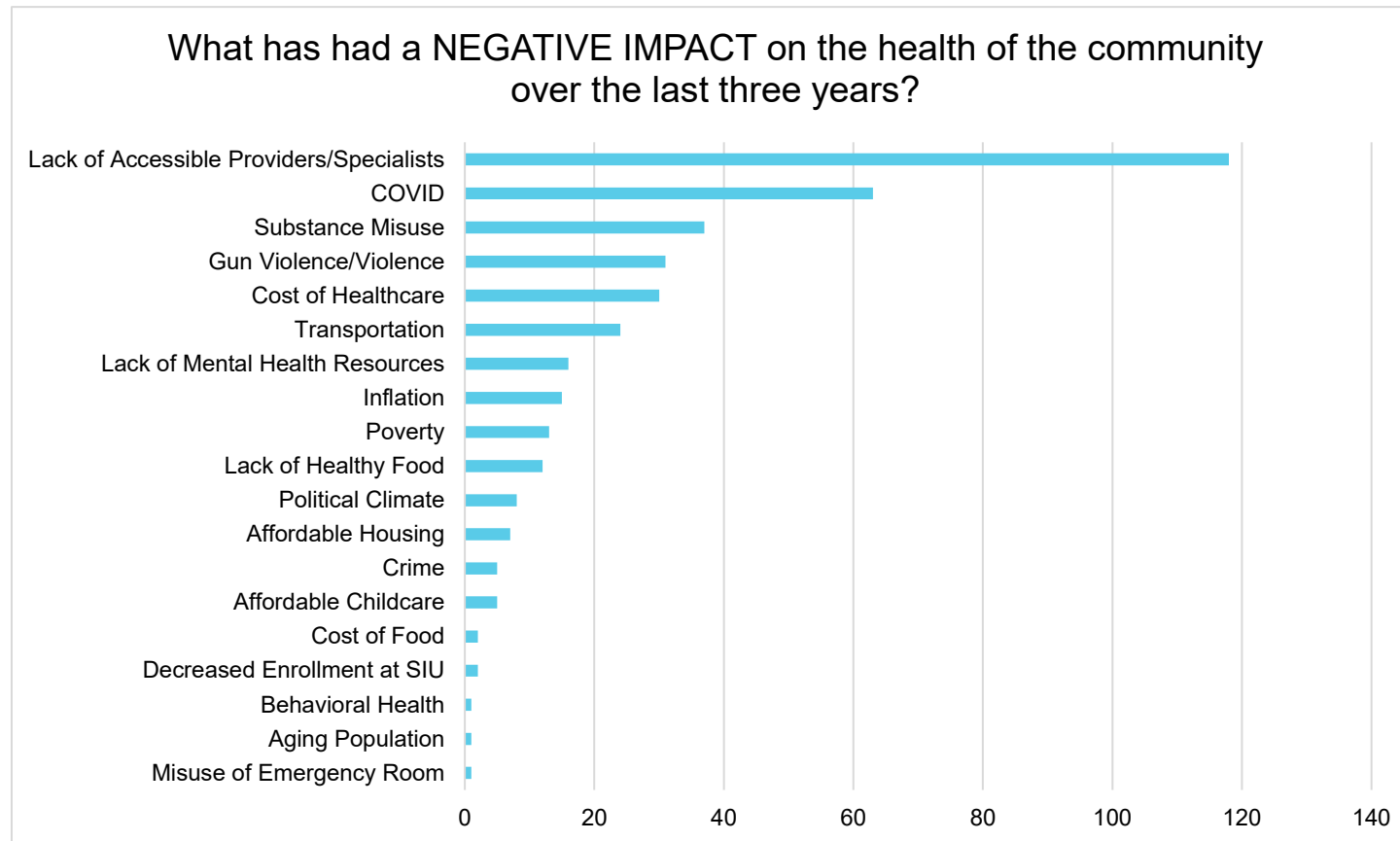


## Appendix F – Community Survey

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An open-ended question on the community survey asked participants to provide insight into what has had a negative impact on the health of the community of the last three years. Respondents overwhelmingly answered that lack of accessible providers and specialists had had a negative impact on health stating there is a lack of specialists in the community and that many physicians have left the community post-COVID. They also expressed concerns over long wait times to get an appointment and issues with traveling far distances to receive medical care.

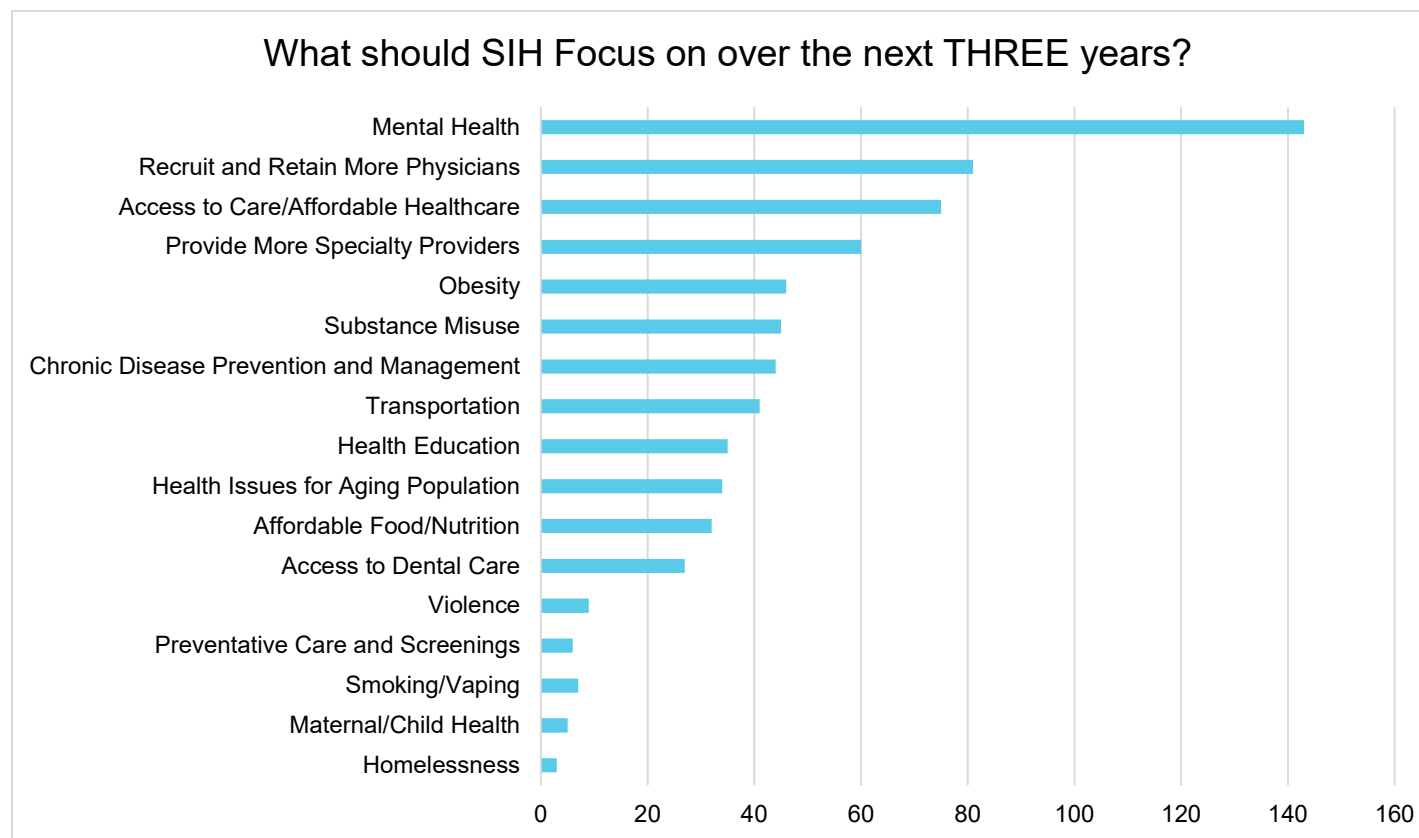
COVID, substance misuse, gun violence, cost of healthcare and transportation were also identified by many respondents as having a negative impact on health.



## Appendix F – Community Survey


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The final question on the community survey asked respondents to provide their thoughts and opinions on what issues SIH should focus on over the next three years. The chart below summarizes the responses to this questions with participants expressing the top issues SIH should focus on are mental health, recruiting and retaining health providers, access to care (affordability and availability), and increasing the number of specialty providers in the community.





## Appendix G – Resources Potentially Available to Address Significant Health Needs

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### Access to Care Services - Illinois Delta Region

#### HEALTHCARE & HOSPITAL SYSTEMS (BY CITY)

- ANNA
- BENTON
- CARBONDALE
- CHESTER
- DU QUOIN
- ELDORADO
- HARRISBURG
- HERRIN
- MARION
- MCLEANSBORO
- METROPOLIS
- MURPHYSBORO
- PINCKNEYVILLE
- RED BUD
- SPARTA

#### FEDERALLY QUALIFIED HEALTH CARE PROVIDERS (FQHC)

- CARBONDALE FAMILY MEDICINE/SIU SCHOOL OF MEDICINE
- CHRISTOPHER RURAL HEALTH PLANNING CORPORATION
- COMMUNITY HEALTH AND EMERGENCY SERVICES
- RURAL HEALTH INC.
- SHAWNEE HEALTH


#### LOCAL HEALTH DEPARTMENTS

- EGYPTIAN HEALTH DEPARTMENT
- FRANKLIN-WILLIAMSON BI-COUNTY HEALTH DEPARTMENT
- HAMILTON COUNTY HEALTH DEPARTMENT
- JACKSON COUNTY HEALTH DEPARTMENT
- PERRY COUNTY HEALTH DEPARTMENT
- RANDOLPH COUNTY HEALTH DEPARTMENT
- SOUTHERN SEVEN HEALTH DEPARTMENT

**NOTE:** Additional information for each resource listed can be obtained by opening the link above or via <https://www.hsidn.org/resources>



## Appendix G – Resources Potentially Available to Address Significant Health Needs

 Return to Report

### Access to Care Resources - Illinois Delta Region

#### LOW-INCOME RESOURCES

- [HSIDN LOW INCOME RESOURCES](#)
- [AREA FOOD PANTRIES](#)
- [SOUTHERN ILLINOIS FOOD PANTRY NETWORK](#)
- [FIND FOOD IL](#)
- [TRI-STATE FOOD BANK](#)
- [ST. LOUIS AREA FOODBANK](#)


#### TRANSPORTATION

- [HSIDN TRANSPORTATION RESOURCES](#)
- [JAX MASS TRANSIT](#)
- [RIDES MASS TRANSIT DISTRICT](#)
- [SHAWNEE MTD](#)
- [SOUTH CENTRAL TRANSIT](#)

**NOTE:** Additional information for each resource listed can be obtained by opening the link above or via <https://www.hsidn.org/resources>



## Appendix G – Resources Potentially Available to Address Significant Health Needs

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### Mental Health & Substance Misuse Resources - Illinois Delta Region

#### MENTAL HEALTH

- SIH BEHAVIORAL HEALTH
- SIH MULBERRY CENTER AT SIH HARRISBURG MEDICAL CENTER
- SIH EMMI ONLINE - MENTAL HEALTH EDUCATION
- RALLY AROUND THE POUND
- HSIDN MENTAL HEALTH RESOURCES
- CHOATE MENTAL HEALTH
- EGYPTIAN HEALTH DEPARTMENT
- STRESS & TRAUMA TREATMENT CENTER, INC.
- CENTERSTONE - ILLINOIS
- ARROWLEAF
- VETERANS AFFAIRS
- NATIONAL MATERNAL MENTAL HEALTH HOTLINE
- 988 LIFELINE

#### SUBSTANCE MISUSE

- HSIDN SUBSTANCE MISUSE RESOURCES
- HSIDN MEDICATION DISPOSAL RESOURCES
- EGYPTIAN HEALTH DEPARTMENT
- CENTERSTONE – ILLINOIS
- GATEWAY FOUNDATION
- ARROWLEAF
- ILLINOIS HELPLINE

**NOTE:** Additional information for each resource listed can be obtained by opening the link above or via <https://www.hsidn.org/resources>



## Appendix G – Resources Potentially Available to Address Significant Health Needs

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### Chronic Disease Resources - Illinois Delta Region

#### CANCER RESOURCES

- [SIH CANCER INSTITUTE](#)
- [SIH NOURISH PROGRAM](#)
- [SIH CANCER PREVENTION](#)
- [SIH COACH KILL FUND](#)
- [HOPE LIGHT FOUNDATION](#)
- [STRONG SURVIVORS PROGRAM](#)
- [AMERICAN CANCER SOCIETY](#)

#### HEART DISEASE RESOURCES

- [SIH PRAIRIE HEART INSTITUTE](#)
- [SIH EMMI ONLINE - HEART EDUCATION](#)
- [SIH HEART & VASCULAR SERVICES](#)
- [LIVE WELL BE WELL: CHRONIC DISEASE SELF-MANAGEMENT PROGRAM](#)
- [AMERICAN HEART ASSOCIATION](#)

#### STROKE RESOURCES

- [SIH NEUROSCIENCES/STROKE INFORMATION](#)
- [SIH EMMI ONLINE STROKE EDUCATION](#)
- [SIH STROKE RISK ASSESSMENT](#)
- [SIH STROKE SURVIVOR SERIES](#)
- [BE FAST - STROKE SYMPTOMS](#)
- [AMERICAN STROKE ASSOCIATION](#)

#### DIABETES RESOURCES

- [SIH DIABETES EDUCATION PROGRAM \(ACCREDITED\)](#)
- [SIH EMMI ONLINE – DIABETES EDUCATION](#)
- [HSIDN DIABETES RESOURCES](#)
- [PREVENT DIABETES TODAY PROGRAM](#)
- [LIVE WELL BE WELL: DIABETES SELF-MANAGEMENT PROGRAM](#)
- [CAMP BETA](#)
- [AMERICAN DIABETES ASSOCIATION](#)

#### TOBACCO CESSATION RESOURCES

- [HSIDN SMOKING & TOBACCO CESSATION RESOURCES](#)
- [SOUTHERN ILLINOIS QUIT SMOKING RESOURCES](#)
- [SIH EMMI ONLINE - SMOKING CESSATION EDUCATION](#)
- [SOUTHERN ILLINOIS TOBACCO DISPARITIES PARTNERSHIP \(SITDP\)](#)
- [COURAGE TO QUIT PROGRAM](#)
- [ILLINOIS TOBACCO QUITLINE](#)
- [MY LIFE MY QUIT PROGRAM](#)
- [INDEPTH FOR YOUTH](#)
- [AMERICAN LUNG ASSOCIATION](#)

#### OBESITY, WEIGHT LOSS, HEALTHY EATING & PHYSICAL ACTIVITY

- [SIH NEW LIFE WEIGHT LOSS CENTER](#)
- [HSIDN HEALTHY EATING RESOURCES](#)
- [SHAWNEE HEALTH LOSE TO GAIN PROGRAM](#)
- [HSIDN PHYSICAL ACTIVITY RESOURCES](#)

**NOTE:** Additional information for each resource listed can be obtained by opening the link above or via <https://www.hsidn.org/resources>



Healthy  
Southern  
Illinois  
Delta  
Network

# Appendix H – Summary of Key Findings

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## 2024 CHNA Summary of Key Findings

Identified Health Need	Secondary Data for SIH CHNA Community (7 Zip Codes)	Focus Groups and Key Stakeholder Interviews	Key Stakeholder Survey	Community Survey
<b>Access to Health Services/Navigating Healthcare Services</b>	<ul style="list-style-type: none"> <li>41.4% of the population live in an area affected by a shortage of primary care physicians.</li> </ul>	<ul style="list-style-type: none"> <li>One of the most critical health issues in the community.</li> </ul>	<ul style="list-style-type: none"> <li>Access to healthcare providers and services was one of the highest recommended focus areas for SIH.</li> </ul>	<ul style="list-style-type: none"> <li>Access to healthcare (cost, lack of insurance) was reported as the issue that impacts the community most.</li> <li>Access to healthcare services was the 3rd<sup>rd</sup> highest recommended area for SIH to focus on.</li> </ul>
<b>Adult Smoking</b>	<ul style="list-style-type: none"> <li>Smoking rates in the CHNA Community are significantly higher than state and national rates.</li> </ul>		<ul style="list-style-type: none"> <li>Participants expressed there is a need for education and training on preventive care, health issues and insurance.</li> <li>Lack of awareness of community resources was noted as a significant health issue in the community.</li> </ul>	
<b>Affordable Housing</b>	<ul style="list-style-type: none"> <li>24,503 households, are cost burdened households meaning housing costs exceed 30% of household income.</li> </ul>	<ul style="list-style-type: none"> <li>One of the most critical health issues in the community.</li> </ul>	<ul style="list-style-type: none"> <li>Identified as a significant health issue in the community.</li> <li>Mental health was #1 recommended priority.</li> </ul>	<ul style="list-style-type: none"> <li>Poor housing quality was reported as one of the biggest weaknesses in the community.</li> </ul>
<b>Access to Healthy Affordable Food</b>	<ul style="list-style-type: none"> <li>Nearly 30,000 persons in the CHNA Community live with food insecurity. Some zip codes have rates of food insecurity greater than 60%.</li> </ul>	<ul style="list-style-type: none"> <li>One of the most critical health issues in the community.</li> </ul>		<ul style="list-style-type: none"> <li>Lack of affordable and healthy food was reported as one of the biggest weaknesses in the community.</li> </ul>
<b>Chronic Health Conditions</b>	<ul style="list-style-type: none"> <li>Death rates for chronic conditions, such as cancer, heart disease and respiratory disease are significantly higher than state and national rates.</li> <li>Over 84,000 adults in the community have high blood pressure.</li> <li>Over 16,000 adults in the CHNA community have been diagnosed with diabetes.</li> </ul>		<ul style="list-style-type: none"> <li>Diabetes was the fifth most important health concern reported in the key stakeholder survey.</li> </ul>	
<b>Health Literacy</b>		<ul style="list-style-type: none"> <li>One of the most critical health issues in the community.</li> </ul>		
<b>Lack of Dental Care</b>	<ul style="list-style-type: none"> <li>The rate of dental providers in the CHNA community is lower than state and national rates, particularly in the secondary service area.</li> </ul>			
<b>Lack of Internet Services</b>	<ul style="list-style-type: none"> <li>It is estimated that 18.4% of households (38,803 households) within the community have no or slow internet.</li> </ul>			
<b>Lack of Mental Health Services</b>			<ul style="list-style-type: none"> <li>Identified as a significant health issue.</li> </ul>	<ul style="list-style-type: none"> <li>Lack of mental health care was reported as one of the biggest weaknesses in the community.</li> </ul>

# Appendix H – Summary of Key Findings

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2024 CHNA

## Summary of Key Findings

Identified Health Need	Secondary Data for SIH CHNA Community (7 Zip Codes)	Focus Groups and Key Stakeholder Interviews	Key Stakeholder Survey	Community Survey
Lack of Prenatal Care	<ul style="list-style-type: none"> <li>19% of women giving birth in the SIH CHNA Community had no prenatal care in the first trimester.</li> </ul>		<ul style="list-style-type: none"> <li>Identified as a significant health issue</li> </ul>	
Lack of Primary Care Providers	<ul style="list-style-type: none"> <li>41.4% of the population live in an area affected by a shortage of primary care physicians.</li> </ul>			<ul style="list-style-type: none"> <li>Recruitment of providers was the 2<sup>nd</sup> highest recommended area for SIH to focus on.</li> </ul>
Lack of Specialty Providers		<ul style="list-style-type: none"> <li>One of the most critical health issues in the community.</li> </ul>		<ul style="list-style-type: none"> <li>Recruitment of providers was the 2<sup>nd</sup> highest recommended area for SIH to focus on.</li> </ul>
Mental Distress/Behavioral Health	<ul style="list-style-type: none"> <li>Approximately 17% of adults in SIH's CHNA Community report poor mental health.</li> <li>Rates of binge drinking are slightly higher than state and national rates for the CHNA Community.</li> </ul>	<ul style="list-style-type: none"> <li>One of the most critical health issues in the community.</li> </ul>	<ul style="list-style-type: none"> <li>Behavioral health was one of the highest recommended focus areas for SIH.</li> <li>Mental health conditions were the most important health concern reported in the key stakeholder survey. Depression was also reported as a major health concern.</li> </ul>	<ul style="list-style-type: none"> <li>Mental health conditions were reported as the 4<sup>th</sup> biggest issue that impacts the community most.</li> <li>Mental health was the highest recommended area for SIH to focus on.</li> </ul>
Obesity	<ul style="list-style-type: none"> <li>35,276 persons, or 19.9% of adults, are obese in SIH's CHNA Community.</li> </ul>		<ul style="list-style-type: none"> <li>Obesity was the second most important health concern reported in the key stakeholder survey.</li> </ul>	<ul style="list-style-type: none"> <li>Obesity was reported as the 3<sup>rd</sup> biggest issue that impacts the community most.</li> </ul>
Poverty	<ul style="list-style-type: none"> <li>17.7%, 39,266 persons, are living in poverty in the community.</li> </ul>	<ul style="list-style-type: none"> <li>One of the most critical health issues in the community.</li> </ul>		<ul style="list-style-type: none"> <li>Poverty was reported as the biggest weakness in the community.</li> </ul>
Preventative Care	<ul style="list-style-type: none"> <li>Cancer screenings, such as screenings for colon, cervical and breast cancer, are lower for the CHNA community compared to state and national benchmarks with rates being 5% to 7% lower for the CHNA community compared to national rates.</li> </ul>			
Substance Misuse	<ul style="list-style-type: none"> <li>Rates of binge drinking are slightly higher than state and national rates for the CHNA Community.</li> </ul>		<ul style="list-style-type: none"> <li>Substance abuse and illegal drugs was the fourth most important health concern reported in the key stakeholder survey.</li> </ul>	<ul style="list-style-type: none"> <li>Substance abuse and illegal drugs was reported as the 2<sup>nd</sup> biggest issue that impacts the community most.</li> <li>Substance misuse was the 5<sup>th</sup> highest recommended area for SIH to focus on.</li> </ul>
Transportation		<ul style="list-style-type: none"> <li>One of the most critical health issues in the community.</li> </ul>	<ul style="list-style-type: none"> <li>Transportation was one of the highest recommended focus areas for SIH and was noted as a service that needs strengthening in the community.</li> </ul>	<ul style="list-style-type: none"> <li>Transportation was reported as one of the biggest weaknesses in the community.</li> </ul>
Violence/Gun Violence				<ul style="list-style-type: none"> <li>Violence and gun violence was reported as one of the biggest issues that has had a negative impact on health over the last three years.</li> </ul>
Youth Bullying	<ul style="list-style-type: none"> <li>In the past 12 months, 24% of 8<sup>th</sup> graders in the CHNA community have had another student in the school threaten to hurt them.</li> <li>54% of 8<sup>th</sup> graders in the CHNA community indicated they had been bullied in the past.</li> </ul>			

## Appendix I – Crosswalk of Health Improvement Plans

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### FY 2024 SIH Quality Dashboard

- Mortality
- Safety HAI-(Diff
- Safety HAI-CAUTB
- Safety HAI-CLABSI
- Safety HAI-MRSA
- Safety Preventable Harm-Falls
- Safety Preventable Harm-pressure injuries 3,4 & unstageable
- Safety Preventable Harm-BEH Core Measure SUB (Alcohol/other Drug Use Disorder TX at DC
- Safety Preventable Harm-Sepsis Core Measure
- Safety Preventable Harm-Abdominal/pelvis double scans
- Safety Preventable Harm-Falls, BH Inpatients

### Quality Health Partners/ Physician Hospital Organization Goals/Measures 2024

#### Registry measures (PCP)/ Specialty measures/ New measures under consideration by the QHP Clinical Committee at this time:

##### Registry measures (PCP):

- IVD: BP control, Flu vaccine, LDL screening, Smoking Cessation
  - Cancer Screening: Breast, Colorectal, Cervical
  - COPD: Flu vaccine, Pneumonia vaccine, Smoking Cessation, Spirometry Test (to diagnose)
  - Diabetes: BP Control (<140/90), Eye Exam, Flu Vaccine, A1c Screening and Poor Control (>9) and Well Control (<8), LDL screening, Nephropathy Screening, and Smoking Cessation
  - Asthma: Controller Med, Flu Vaccine and Smoking Cessation
  - Hypertension: BP Control (<140/90)
  - Immunization: Flu and PN, Adolescent Immunizations
- BMI Assessment, Hepatitis C Screening.

Specialty measures: dependent on provider's specialty, but most include two wellness measures: BP Measured and Smoking Assessment. Others include avoidance of Brain & Sinus CT during ER visit, Stroke: Anti-Coag or Statin Therapy Recommended, Lipid Profile for Adult Kidney Disease, Prenatal and Postpartum Care, and ASA to AMI upon ER Arrival. There are others which are very specific to the specialty.

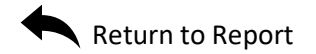
##### New measures under consideration by the QHP Clinical Committee at this time:

Well Baby Visit 0-15 months, Well Baby Visit 15-30 months, Well Child Visit 3-20 years, Depression Screening, Depression Screening Follow Up, Annual Wellness Visit.

NOTE: we are currently investigating feasibility for gathering the data we need to quantify these measures.

##### Additional efforts:

Educate our providers on Value Based Care Initiatives and maximize skill sets needed for Value Based Contracting. Grow our QHP network. Focus on Quality and closing our Care Gaps. Provider education around cost of care related to utilization metrics.



## Appendix I – Crosswalk of Health Improvement Plans

### Quality Health Partners/ Physician Hospital Organization Goals/Measures 2024 Registry measures (PCP)/ Specialty measures/ New measures under consideration by the QHP Clinical Committee

#### IQR Core Measures

- Sepsis
- Healthcare – Associated Infection
  - Influenza Vaccination Coverage Among Healthcare Personnel
- Covid-19 Vaccination Coverage Among Healthcare Personnel
  - Electronic Clinical Quality Measures
  - Discharged on Antithrombotic Therapy
  - Anticoagulation Therapy by the End of Hospital Day Two
  - Venous Thromboembolism Prophylaxis
  - Intensive Care Unit Venous Thromboembolism Prophylaxis
  - Anticoagulation Therapy for Atrial Fibrillation/Flutter
  - Cesarean Birth
  - Severe Obstetric Complications
  - Hospital-Harm – Opioid-Related Adverse Events
  - Global Malnutrition Composite Score
  - Hospital Harm – Severe Hypoglycemia
  - Hospital Harm – Severe Hyperglycemia
  - Social Determinants of Health (SDOH) Screening for Social Drivers of Health
  - SDOH Screen Positive Rate for Social Drivers of Health

#### IQR Patient-Reported Measure (PRO-PM) (new measure for 2024)

- Patient-Reported Outcome-Based Performance Measure Total Hip/Knee Arthroplasty

#### Patient Experience of Care Survey

- Hospital Consumer Assessment of Healthcare Providers and System Survey

#### Claims-Based Patient Safety

#### CMS Death Rate Among Surgical Inpatients with Serious Treatable Complications

#### Claims-Based Mortality Outcome

- Hospital 30-Day, All-Cause, Risk-Standardized Mortality Rate Following Acute Ischemic Stroke
- Hospital-Level Risk-Standardized Complication Rate (RSCR) Following Elective Primary THA and/or TKA

#### Claims-Based Coordination of Care

- Excess Days in Acute Care after Hospitalization for Acute Myocardial Infarction
- Excess Days in Acute Care after Hospitalization for Heart Failure
- Excess Days in Acute Care after Hospitalization for Pneumonia

#### Claims-Based Payment

- Acute Myocardial Infarction Payment
- Heart Failure Payment
- Pneumonia Payment
- Total Hip Arthroplasty and/or Total Knee Arthroplasty Payment
- Medicare Spending Per Beneficiary (MSBP) - Hospital

### Harrisburg Medical Center

#### Behavior Health: CMS Clinical Process of Care Measures

##### •CMS Clinical Process of Care Measures:

- Hours of Physical Restraint Use
  - Hours of Seclusion Use
  - Patients Discharged on Multiple Antipsychotic Medications with Appropriate Justification
  - Transition Record with Specified Elements Received by Discharged Patients
  - Screening for Metabolic Disorders
  - Alcohol and Other Drug Use Disorder Treatment Provided or Offered at Discharge
  - Tobacco Use Treatment Provided or Offered
  - Tobacco Use Treatment at Discharge
  - Influenza Immunization
  - Covid-19 Vaccination Coverage Among Health Care Personnel
- 1)HMC BH Claims-Based Coordination of Care Measures:
- Follow Up After Psychiatric Hospitalization
  - 30-Day All-Cause Unplanned Readmission Following Psychiatric Hospitalization in an Inpatient Facility
  - Medication Continuation Following Inpatient Psychiatric Discharge
- 2)Internal SIH data collection/reporting (for compliance with policies):
- Restraints
  - Moderate Sedation
  - Mental Health/Suicide
  - Blood Transfusions
  - Mortality
  - CAT/Code
  - Sepsis Alerts
  - Obstetrics



## Appendix I – Crosswalk of Health Improvement Plans

 [Return to Report](#)

### Outpatient Care Coordination Services Goals for all Recognized Sites calendar year 2023

#### Knowing and Managing Your Patients

- Assessments; depression, BH, Oral health, SDOH
- Health Reminders
- Medication mgmt.

#### Patient-Centered Access & Continuity

- Same Day Appointments
- Clinical Advice through Portal
- Clinical Advice during after hours
- Virtual provider visits

#### Care Management and Support

- Chronic care management (Colorectal Cancer screening, Breast Cancer screening, Annual Wellness Visit, Blood pressure control, ACP Documents, A1c Control)

#### QHP Registry for Care Gap Identification

- Smoking cessation (Asthma, CV, COPD, Diabetes)
- Adult BMI Assessment
- Wellness-BP Measurement
- Diabetes Nephropathy Screening
- Persistent Asthma-Asthma Controller Medication
- Diabetes-A1c Performed, LDL Screening
- Immunization-Pneumonia Vaccine
- Pneumonia Vaccine-COPD
- Mammogram Screening
- Colon Cancer Screening
- COPD- Spirometry Testing
- Flu Vaccine- COPD, Diabetes
- Cervical Cancer Screening
- Diabetes Eye Exam

#### Transitional care management

- Post Discharge Compliance
- TCM-Readmissions
- Monitoring of Timely Referrals
- Flagging of Labs and Imaging
- Notification of patients test results.

#### Performance Measurement and Quality Improvement (QI)

- Utilization of Press Ganey Surveys
- Payer ACO Participation to Reduce Spend
- Utilization of QHP Reports to measure progress of Chronic & Preventative Measures.

### 2024 SIH Medical Group Areas of Focus

1. Diabetes – HbA1c poor control: Less than 9
2. Initiation and Engagement of Substance Use Disorder Treatment
3. HIV Screening
4. Controlling High Blood Pressure
5. Statin Therapy for the Prevention & Treatment of Cardiovascular Disease
6. Preventive Care and Screening: Screening for Depression and Follow-Up Plan



## Appendix I – Crosswalk of Health Improvement Plans

### Non-Profit Hospitals In Lower 16 Counties

#### Hamilton Memorial Hospital (2015)

- Mental Health Services
- Infant Mortality
- Physical and Specialist Recruitment and Retention
- Transportation
- Education and Support for Chronic Disease

#### Hardin County General Hospital (2023)

- Chronic Health Condition
- Behavioral Health Services
- Alcohol and Substance Abuse Services
- Specialty Needs
- Public Awareness
- Collaborative Partnership

#### Marshall Browning Hospital (2022)

- Issues Surrounding mental health.
- Youth living in poverty.
- Transportation
- Telehealth for youth for physical and mental health
- Teen birth rate
- Better access to services from the department of human services

#### Ferrell Hospital( 2018)

- Early identification for chronic illnesses (cancer and heart diseases)
- Education for seniors
- Mental health
- Teen birth rate
- Dental care


#### Memorial hospital Chester, Illinois (2023)

- Access to Local Direct Services (local urgent care, local access to vaccines)
- Increase access to Mental Health Services
- Increase Local Healthcare workforce
- Improve access to local Dentist services
- Improve local Health Equity

### Federally Qualified Health Centers (FQHC) Cross-Reference of Clinical Programs - includes information including clinical quality measures, MU (meaningful use), PCMH measures. UDS (Uniform Data System) HRSA – Bureau of Primary Care, QHP, and IHC (Illinois Health Connect)

1. Track & Coordinate Patient Care
2. Plan & Manage Patient Care
3. Perinatal Health Outcomes
  - access to prenatal care
  - low birth weight
4. Preventative Health Screenings and Services
  - BP
  - weight
  - tobacco screening, assessment and cessation
  - Pneumonia vaccine
  - colorectal cancer screening
  - depression
  - depression readmission/screening
  - cervical cancer screening
  - childhood immunizations
  - HIV testing
  - Influenza vaccine
  - dental sealants and treatment
  - mammogram
    - Adult BMI and counseling
    - Child and Adolescent BMI and counseling
5. Chronic Disease Management
  - asthma
  - Cholesterol treatment
  - BP control
  - heart attack/stroke treatment
  - HIV linkage to care
  - diabetes
  - COPD
  - adult kidney disease
6. Acute Disease Management
  - systemic corticosteroids inappropriate use (asthma)
7. Electronic Records

## Appendix I – Crosswalk of Health Improvement Plans

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### Healthy Southern Illinois Delta Network (HSIDN) Goals 2020-2025

\*The HSIDN is a network of partners including LHD, SIH, SIU SOM CRHSSD and others in the lower 16 counties of IL that work together with their healthy communities' coalitions to improve health.

I. Improve mental health through prevention and by ensuring access to appropriate, quality mental health services in southern Illinois.

II. Reduce the number of new cancer cases as well as illness, disability, and death caused by cancer in southern Illinois.

III. Promote health and reduce chronic disease risk through the consumption of healthful diets and achievements and maintenance of healthy body weights in southern Illinois

IV. Improve cardiovascular health and quality of life through prevention, detection, and treatment of risk factors for heart attack and stroke; early identification and treatment of heart attacks and strokes' prevention of repeat cardiovascular events; and reduction in deaths from cardiovascular disease in southern Illinois

### Illinois Project for the Local Assessment of Needs (IPLANs) – Local Health Departments

\* IPLAN is a series of planning activities conducted within the local health department jurisdiction. Certified local health departments in Illinois have engaged in this planning process every five years since 1994.

#### Southern Seven (2020-2025)

1. Chronic Disease – which includes cardiovascular, diabetes, and metabolic syndrome as it relates to obesity
2. Cancer
3. Behavioral Health, which includes both mental health disorders and substance use disorders.

#### Jackson County (2025-2029)

1. behavioral health including mental health and substance abuse
2. Health Equity and Chronic Disease Reduction
3. Family and Community Engagement – Impacting Social Determinants of Health

#### Perry County (2022)

1. Mental Health
2. Heart Disease
3. Tobacco/Substance use

#### Egyptian (2023-2025)

1. Substance Use and Abuse
2. Mental Health and Mental Disorders
3. Overweight and Obesity


#### Franklin-Williamson (2022-2027)

1. Mental/Behavioral Health
2. Obesity Focus
3. Chronic Diseases; Diabetes, Heart Disease, Stroke, Cancer, and Respiratory Disease Focus

#### Randolph Co HD (2022)

1. Mental health
2. Substance use

# Appendix I – Crosswalk of Health Improvement Plans

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## Healthy Illinois 2028 - Illinois State Health Improvement Plan (SHIP)

\*Plan developed by the Illinois Department of Public Health in conjunction with Community partners

- Chronic Diseases
- Covid-19 and Emerging Diseases
- Maternal and Infant Health
- Mental health and substance use disorder
- Racism as a Public Health crisis goal.

## Limitations and Information Gaps

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As with all data collection efforts, there are several limitations related to the assessment's research methods that should be acknowledged. Years of the most current data available differ by data source. In some instances, 2022 may be the most current year available for data, while 2015 may be the most current year for other sources. Likewise, survey data based on self-reports, such as the Behavioral Risk Factor Surveillance Survey (BRFSS), should be interpreted with particular caution. In some instances, respondents may over or under report behaviors and illnesses based on fear of social stigma or misunderstanding the question being asked.

In addition, respondents may be prone to recall bias – that is, they may attempt to answer accurately, but they remember incorrectly. In some surveys, reporting and recall bias may differ according to a risk factor or health outcome of interest. Despite these limitations, most of the self-report surveys analyzed in this CHNA benefit from large sample sizes and repeated administrations, enabling comparison over time. Similarly, while the qualitative data collected for this study provide valuable insights, results are not statistically representative of a larger population due to nonrandom recruiting techniques and a small sample size. Data were collected at one point in time and among a limited number of individuals.

Therefore, findings, while directional and descriptive, should not be interpreted as definitive.