

2022

Community Health Needs Assessment



TABLE OF CONTENTS

INTRODUCTION.....	5-7
Executive Summary.....	7-11
Background.....	11-12
Graham Health System Services.....	14-16
Local Impact of COVID.....	16-17
ESTABLISHING THE CHNA INFRASTRUCTURE AND PARTNERSHIPS.....	19
DATA COLLECTION.....	19-24
Secondary Data.....	19-21
Primary Data.....	21-24
DATA ANALYSIS.....	27-65
Demographics.....	27-30
Social Determinants of Health.....	31-45
Health and Wellness Indicators.....	46-63
- Chronic Illness.....	52-58
- Substance Use.....	59-61
- Mental and Behavioral Health.....	62-63
Diversity and Minority Health Status.....	64
Emergency Preparedness.....	65

Copyright ©2022 by the Illinois Critical Access Network (ICAHN). All rights reserved. The contents of this publication may not be copied, reproduced, replaced, distributed, published, displayed, modified, or transferred in any form or by any means except with the prior permission of ICAHN. Copyright infringement is a violation of federal law subject to criminal and civil penalties.



IDENTIFICATION AND PRIORITIZATION OF NEEDS.....67-68
 Process.....67
 Description of the Community Health Needs Identified.....68

RESOURCES AVAILABLE TO MEET PRIORITY HEALTH NEEDS.....71-72
 Hospital Resources.....71
 Healthcare Partners or other Resources including Telemedicine.....71
 Community Resources.....72

DOCUMENTING AND COMMUNICATING RESULTS.....75

IMPLEMENTATION STRATEGY.....77-80
 Planning Process.....77
 Implementation Strategy.....78-80

REFERENCES AND APPENDIX.....83-84



Early Childhood



Adolescents



Adults



Seniors

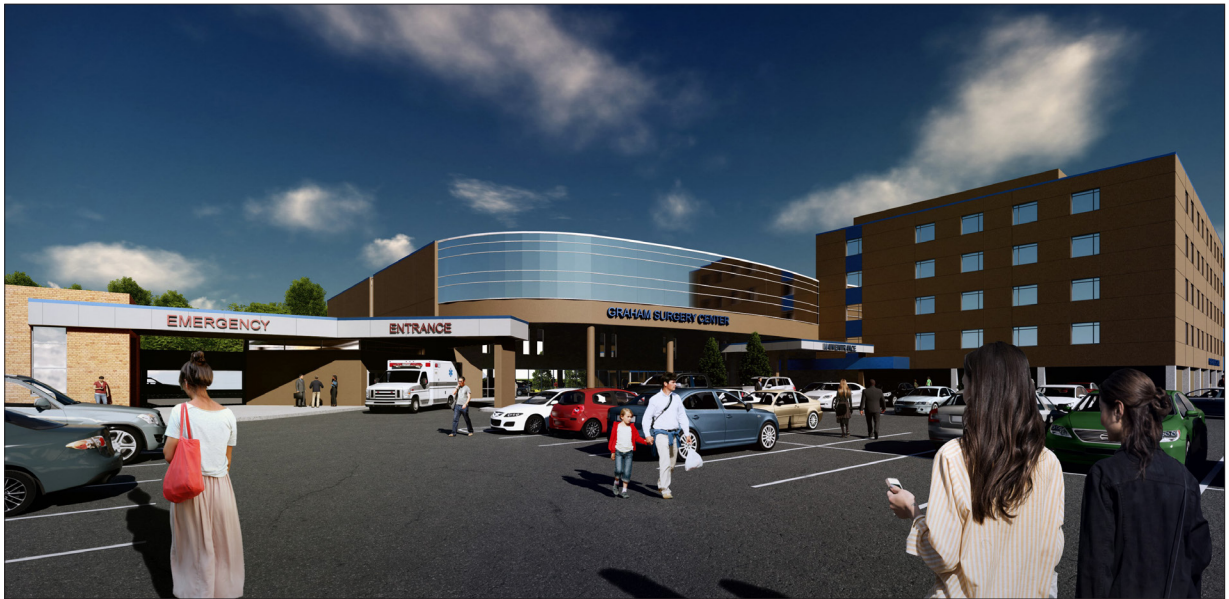
INTRODUCTION

Graham Hospital was chartered in 1905. The hospital opened in 1909, in a facility gifted by the Graham family. The first surgery was performed in 1910 and by 1925, the hospital was looking at its first facility expansion.

A second expansion in 1959 increased the number of available beds to 135 and in 1968, the hospital was expanded to accommodate 213 beds. In 1977, a three-story expansion was built to house a new laboratory, surgery unit, and maternity suites as well as the addition of new mechanical spaces and linen quarters. In 2005, another addition was completed that now houses the Emergency Department and Administrative offices.

During the 21st Century, primary and specialist access has been expanded through the opening of new clinics in Canton, Farmington, Lewistown, Elmwood, and Williamsfield.

In 2022, an era in which there are very few independent community hospitals remaining, Graham Health System remains an independent health system serving patients throughout central and western Illinois, with operations in three counties: Fulton, Mason, and Peoria.



Today, Graham Hospital embraces the mission and values of the Graham Health System:



MISSION STATEMENT

To provide compassionate, quality health services, in a responsible and charitable manner, to the people and communities we serve.



Innovation – By innovation, we mean we continuously improve our operations and environment by actively encouraging creative solutions.



Accountability – By accountability, we mean we accept responsibility and follow through to completion.



Communication – By communication, we mean we openly share information in all directions in a timely manner.



Compassion – By compassion, we mean we exhibit empathy and care for others.



Teamwork – By teamwork, we mean working together cohesively to achieve our common goal.

EXECUTIVE SUMMARY


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

This assessment process results in a CHNA report which assists the hospital in planning, implementing, and evaluating hospital strategies and community benefit activities. This Community Health Needs Assessment was developed and conducted, in partnership with representatives from the community, by a consultant provided through the Illinois Critical Access Hospital Network (ICAHN).

ICAHN is a not-for-profit 501(c)(3) corporation established in 2003 for the purposes of sharing resources, education, promoting operational efficiencies, and improving healthcare services for member critical access and rural hospitals and their communities.

ICAHN, with 57 member hospitals, is an independent network governed by a nine-member board of directors, with standing and project development committees facilitating the overall activities of the network. ICAHN continually strives to strengthen the capacity and viability of its members and rural health providers.

This Community Health Needs Assessment will serve as a guide for planning and implementation of healthcare initiatives that will allow the hospital and its partners to best serve the emerging health needs of Canton and the surrounding area. The CHNA process was coordinated by the Executive Assistant.



Two focus groups met to discuss the state of overall health and wellness in the Graham Health System service area and to identify health concerns and needs in the delivery of healthcare and health services in order to improve wellness and reduce chronic illness for all residents. The focus groups included representation of healthcare providers, community leaders, community services providers, schools, a community college, faith-based organizations, local elected officials, public health and others. Several members of these groups provide services to underserved and unserved persons as all or part of their roles.

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

IDENTIFICATION AND PRIORITIZATION > ADDRESSING THE NEED

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



Availability of Mental Health and Substance Abuse Services



Improve Health Education and Health Services in Local Schools



Address Issues Related to Homelessness

1. The group first identified and prioritized availability of mental health services, including:

- Increasing access to local treatment for mental health services of all types for youth and adults
- Improving and increasing access to long-term mental healthcare outside the community, including care for substance use disorders
- Providing community education about available local mental health services
- Providing local access to a psychiatrist

2. The group next prioritized the need to improve health education and health services in some local schools that are not currently sufficiently staffed to fully meet these needs.

3. The third prioritized need was to address homelessness.

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

ADDRESSING THE NEED > CREATING THE PLAN

The group addressed the needs with the following strategies:

1. Availability of mental health services, including:

- Increasing access to local treatment for mental health services of all types for youth and adults**
- Improving and increasing access to long-term mental healthcare outside the community, including care for substance use disorders**
- Providing community education about available local mental health services**
- Providing local access to a psychiatrist**
 - Graham Health System will add a mental health nurse practitioner to the professional staff at the clinic.
 - Graham Health System will collaborate with North Central Behavioral Health Systems to provide a full-time, in-house crisis worker at Graham Hospital in Canton.
 - Graham Health System will seek to expand contacts for out-of-the-area referrals for care for persons needing inpatient care for mental health and substance use disorders.
 - Graham Health System will explore telepsychiatry and tele-mental health counseling.
 - Graham Health System will collaborate with the Fulton County Health Department and local schools to address mental health needs for youth and community education about availability of local services for youth, adult, and family.

2. Improve health education and health services in some local schools that are not currently sufficiently staffed to fully meet these needs.

- Graham Health System will collaborate with Canton Union School District to determine needs and develop solutions based on needs of the schools.

- Graham Health System will facilitate information-sharing opportunities for school nurses working throughout the service area.

3. Address homelessness

- Recognizing that this is a community-wide issue and beyond the resources and services of the hospital, Graham Health System will attempt to form and facilitate a community work-group of interested agencies, local governments, schools, businesses, and individuals to develop and implement strategies to explore the scope and address this issue.

BACKGROUND

The Community Health Needs process is conducted every three years. In response to issues identified and prioritized and the implementation strategy developed to address them, Graham Health System has taken the following steps since the last CHNA.

Priority #1:

Due to the prevalence of obesity among youth and adults in the service area, the group identified and prioritized the need for nutrition education within the community and also, access to healthy foods.

- Over the last three years, the Pritikin program continued to grow and provide nutrition education to enrolled patients.
- Graham Health System hired two dietitians to support patient nutritional education needs in both the outpatient and inpatient settings.
- The Wellness Coordinator is working on new strategies, post-pandemic, to expand the Community Wellness Program into new industries, including youth programs.
- The Community Bike Program was successfully created with two bike locations placed strategically in Canton. Further development of the program continues as additional bike locations are added and marketing gains momentum.

Priority #2:

The prevalence of diabetes in the service area and the need for physical health and nutrition education for youth and adults and for access to reasonably priced insulin and other diabetes medications for the underinsured and uninsured were identified and prioritized.

- Over the last three years, the Pritikin program continued to grow and provide nutrition education to enrolled patients.
- Graham Health System hired two dietitians to support patient nutritional education needs in both the outpatient and inpatient settings.
- In 2020, Graham Medical Group opened a Diabetic Clinic to focus on the needs of its diabetic population. The clinic is currently directed by an APRN (Advanced Practice Registered Nurse) who holds a certification in diabetic education.
- In 2021, Graham Health System supported the education for an RN in the Wound Clinic to complete her CDCES (Certified Diabetic Care and Education Specialist) to offer enhanced support to diabetic patients.
- In 2021, Graham Health System invested in a new data management program to offer more real-time reporting for Quality measures specific to diabetic patients.

Priority #3:

The third prioritized need was mental health including resources to address suicide, local access to mental health providers at all levels, local mental health support services, and local access to detoxification, rehabilitation, and recovery for persons facing substance use disorders.

- In 2021, the Graham Medical Group started an Integrated Behavioral Health Clinic to support the needs of its patients. The program focused on short-term, goal-based therapy.
- Moving forward, Graham Health System is working to enhance the program by having a PMHNP-led (Psychiatric Mental Health Nurse Practitioner) clinic to offer more options for support and healing.
- In 2022, Graham Health System partnered with North Central Behavioral Health Systems (NCBHS) to offer crisis intervention services in the Emergency Department and inpatient setting.

Priority #4:

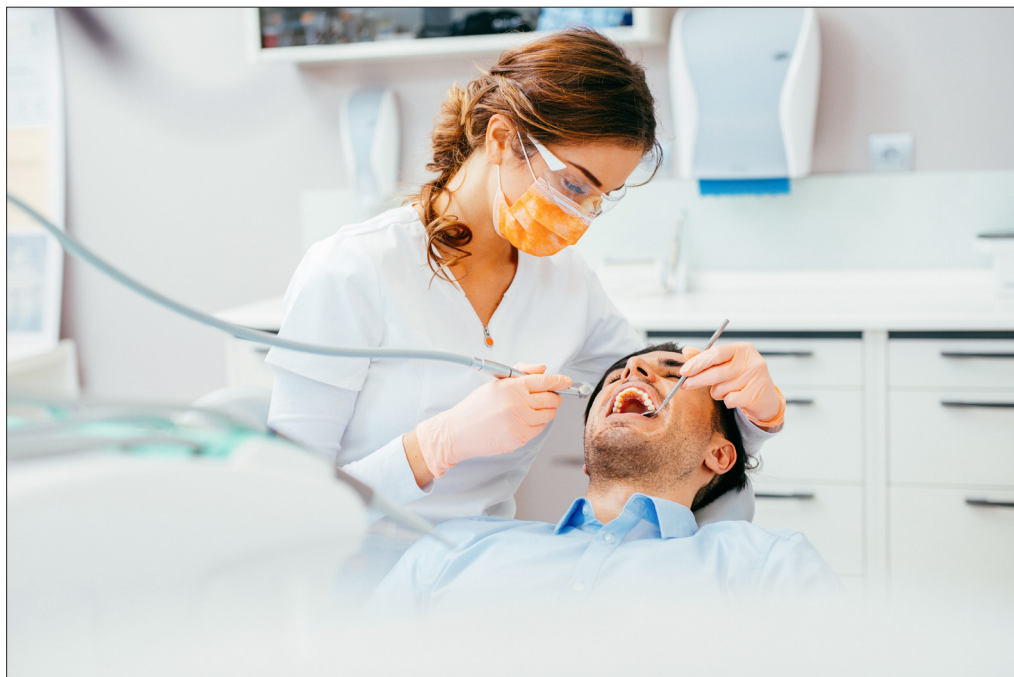
The group next identified the need to address the number of local teen births.

- Accomplishments were severely constrained by the onset of COVID-19 in March of 2020. Graham Health System reallocated the vast majority of its financial and human resources to combat the epidemic. Graham Health System worked in concert with both the Canton Union School District and the Fulton County Health Department over an 18-20-month period on education, vaccine acquisition, adult and pediatric vaccine clinics, etc.

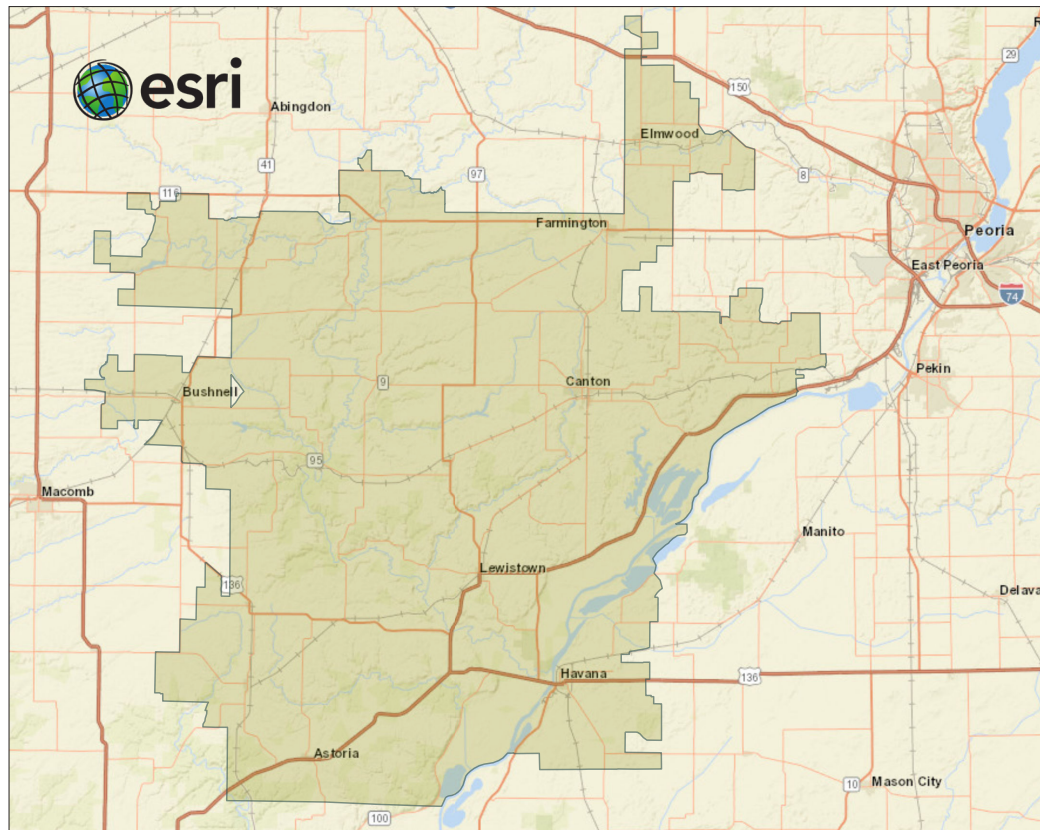
Priority #5:

The group's final identified need was to increase local access for dentists to serve underinsured and uninsured community members.

- Accomplishments were severely constrained by the onset of COVID-19 in March of 2020. Graham Health System reallocated the vast majority of its financial and human resources to combat the epidemic. Graham Health System worked in concert with both the Connections Clinic and the Fulton County Health Department over an 18-20-month period. Graham Health System increased its financial support for the Connections Clinic. The clinic has an account designated specifically for dental needs.



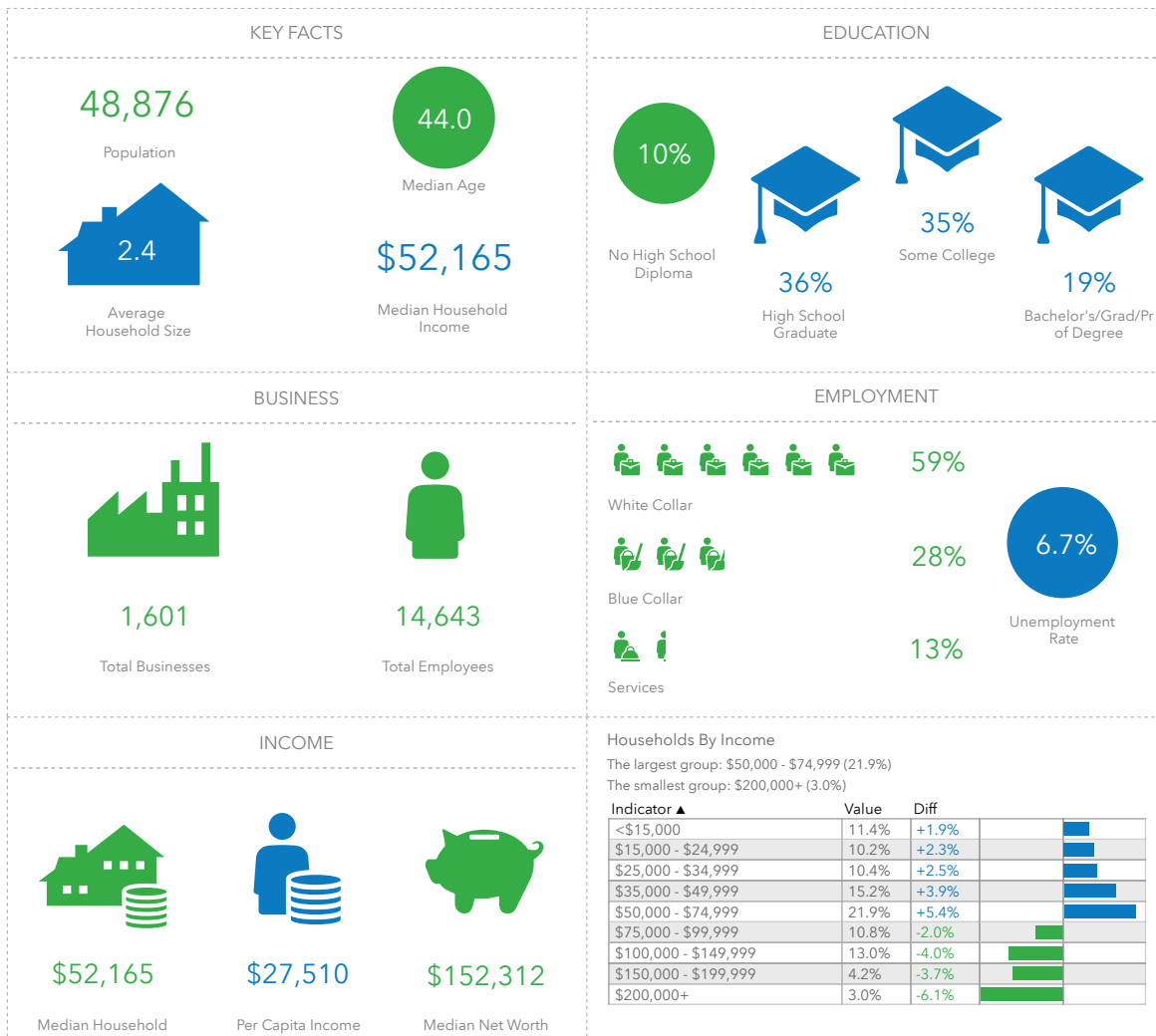
AREA SERVED BY GRAHAM HEALTH SYSTEM



For the purpose of this CHNA, Graham Health System has defined its primary service area and populations as the general population within the geographic area in and surrounding Canton, defined in detail below. The hospital's patient population includes all who receive care without regard to insurance coverage or eligibility for assistance. Graham Health System's area of service is comprised of around 1,175 square miles, with a population of approximately 47,242 people and a population density of 92 people per square mile. The service area consists of rural communities, including:

Canton	Avon	Dunfermline	Cuba	Ipava
Bushnell	Banner	Bryant	Glasford	Saint David
Lewistown	Elmwood	Table Grove	Norris	London Mills
Fairview	Astoria	Farmington	Marietta	Vermont
Ellisville	Williamsfield	Havana	Smithfield	Liverpool

Graham Health System Service Area – Key Facts



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

The average household size in the area, at 2.4, is lower than both Illinois (3.0) and the U.S. (2.5) overall average. Median age is 44 years, which is higher than Illinois and the U.S. benchmark. The highest level of education is high school graduate, followed by some college.

The area's unemployment rate of 6.7% is higher than statewide and national average. Also, as is the case in much of rural Illinois, median family household income in the service area is lower than the statewide average.

Of the 38,873 population of the service area, 3,195 or 8.22% are veterans of the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard.

LOCAL IMPACT OF COVID

COVID-19 Confirmed Cases and Mortalities

The COVID-19 epidemic has overshadowed many local health functions since March 2020. It has dramatically impacted overall health of the communities and the delivery of healthcare and health-related services. The broad impact has been seen throughout the communities, changing the way people work, shop, learn, and communicate. This indicator reports incidence rate of confirmed COVID-19 cases per 100,000 population. Data for this indicator are updated daily and derived from the Johns Hopkins University data feed. In the service area, there have been 9,930 total confirmed cases of COVID-19.

The rate of confirmed cases is 28,498.45 per 100,000 population, which is greater than the state average of 23,879.57. The mortality rate related to COVID-19 in the service area of Graham Health System has generally exceeded the rate of the state of Illinois. Data are current as of 2/28/2022.

Report Area	Total Population	Total Confirmed Cases
Fulton County, IL	34,844	9,930
Knox County, IL	50,112	12,454
McDonough County, IL	29,955	7,113
Mason County, IL	13,565	3,868
Peoria County, IL	180,621	45,945
Schuyler County, IL	6,907	1,937
Warren County, IL	17,032	3,967
Illinois	12,741,080	3,031,048
United States	326,262,499	77,516,312

Confirmed COVID-19 Cases

*Note: This indicator is compared to the state average.
Data Source: Johns Hopkins University. Accessed via ESRI.
Additional data analysis by CARES. 2021. Source geography: County*

In the service area, there have been 124 total deaths among patients with confirmed cases of the coronavirus disease COVID-19. Data are current as of 3/3/2022.

Report Area	Total Population	Total Deaths
Fulton County, IL	34,844	124
Knox County, IL	50,112	207
McDonough County, IL	29,955	86
Mason County, IL	13,565	59
Peoria County, IL	180,621	501
Schuyler County, IL	6,907	17
Warren County, IL	17,032	80
Illinois	12,741,080	32,763
United States	326,262,499	931,115

COVID-19 Mortalities

*Note: This indicator is compared to the state average.
Data Source: Johns Hopkins University. Accessed via ESRI.
Additional data analysis by CARES. 2021. Source geography: County*

COVID-19 Fully Vaccinated Adults

This indicator reports the percent of adults fully vaccinated for COVID-19. Data is updated daily from the CDC API. Vaccine hesitancy is the percent of the population estimated to be hesitant towards receiving a COVID-19 vaccine. The Vaccine Coverage Index is a score of how challenging vaccine roll-out may be in some communities compared to others, with values ranging from 0 (least challenging) to 1 (most challenging). Data are current as of 3/3/2022.

Report Area	Percent of Adults Fully Vaccinated	Estimated Percent of Adults Hesitant About Receiving COVID-19 Vaccination	Vaccine Coverage Index	Last Update
Fulton County, IL	64.8%	9.65%	0.46	03/02/2022
Knox County, IL	67.8%	8.94%	0.48	03/02/2022
McDonough County, IL	51.9%	9.65%	0.54	03/02/2022
Mason County, IL	62.8%	9.91%	0.20	03/02/2022
Peoria County, IL	71.1%	8.70%	0.25	03/02/2022
Schuyler County, IL	63.5%	9.91%	0.43	03/02/2022
Warren County, IL	58.0%	9.65%	0.38	03/02/2022
Illinois	74.8%	7.95%	0.37	03/02/2022

Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention and the National Center for Health Statistics, CDC GRASP, 2021.



ESTABLISHING THE CHNA INFRASTRUCTURE AND PARTNERSHIPS

Data Collection

SECONDARY DATA

Description of Data Sources – Quantitative

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

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

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

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

PRIMARY DATA

Two focus groups were convened at Graham Health System on January 13, 2022. The first group included representation of healthcare providers, community leaders, community services providers, schools, faith-based organizations, local elected officials, law enforcement, public health, and others. Several members of this group provided services to underserved and unserved persons as all or part of their roles.

In response to a request to identify positive developments in health and healthcare in the service area of Graham Health System, the groups put forward the following:

Focus Group One – Healthcare Providers and Community Leaders

- Graham Health System has been doing a great job working with the community for COVID vaccination
- Graham Health System has a new Surgery Department
- Graham Health System has established a scholarship program at Spoon River College to provide for education and training for healthcare employment in order to create a local resource for healthcare professionals
- Graham has expanded clinics and services to surrounding rural communities
- Graham Health System has recruited young physicians and surgeons
- Graham Health System invests in the community and area economic development in many ways
- Graham Health System has developed in-house wellness programs and expanded access to those programs and resources to other workplaces and the community
- Graham Health System has collaborated with local schools to address COVID issues impacting the schools

- Graham Health System's strength as a hospital provides confidence to the community and serves as an economic development asset
- Graham Health System has been aggressive in developing access to local specialists and specialty services through building and expanding partnerships and recruiting
- Graham Health System offers a local shuttle for free access to medical appointments and services at any healthcare facility across many counties

When asked to identify health needs in the community and the delivery of healthcare and healthcare services, whether related to Graham Health System or not:

- Explore collaborations or other approaches to provide nursing services in local schools
- Explore easier access to Graham Health System from the parking lot
- Address community perception that the billing process at Graham Health System leads to confusion and fear of inaccuracies
- Review staff training in view of COVID, staff shortages, and new employee numbers to be sure staff is knowledgeable about the building and department locations and conscious of the need to be courteous and helpful to persons seeking help or information
- Review inside signage at Graham Health System, especially directional signage
- Local access to a urologist
- Explore ways to improve public communication and education about COVID issues and other areas of public interest or concern about wellness and health from Graham Health System and others
- Improve communication between Graham Health System and ministers on intake information about faith identification of incoming patients
- Mental health
 - More counselors
 - Local services for treatment, recovery, and rehabilitation
 - Long-term mental health services
- Improved resources for persons in need (for any reason) including food and housing

- Access to affordable housing, residential rental properties, and building lots in Canton
- Explore ways to enhance relationships between Graham Health System and senior citizens
- Graham Health System needs to continue its leadership role in local economic and community development
- Explore re-establishing free clinics (vein clinics) when possible

The second group included medical professionals and partners including a pharmacist, a community wellness organization, a senior services organization, a care coordinator and others. The group reported the following recent positive developments:

Focus Group Two – Medical Professionals and Partners

- Graham Health System is committed to, and acting on, community outreach for healthcare and related services
- There are new providers at Graham Health System including specialists, surgeons, and a family practitioner
- Technology, including telehealth and teleconference
- Pandemic funding has been helpful for senior service needs
- CCS has been able to help seniors understand and address Medicare expenses
- There is a new health-oriented restaurant in Canton
- Collaboration among agencies and Graham Health System on addressing community issues and service needs is very good
- The Champ program is helping to address diet issues for persons trying to return to work
- Fulton County Health Department has collaborated well with schools on issues related to teen pregnancy and sexually transmitted infections
- Faith-based organization, social service agencies, Fulton County Health Department, Graham Health System, and others collaborate to provide monthly community resource days

- Fulton County Health Department maintains an up-to-date services guide
- Graham Health System, Fulton County Health Department, community agencies, and others collaborate monthly to share and update information about events, services, and resource-sharing

The group then offered the following needs:

- Access to medication on evenings, nights, weekends, and holidays and for homebound persons
- Services for persons recovering at home under the age of 65
- Access to COVID vaccines for homebound persons
- Mental health
 - Counselors
 - Access to inpatient treatment
 - Transportation options for inpatient treatment
 - Assistance for anxiety, depression, isolation for all ages but especially assistance with anxiety for youth
- Local access to an endocrinologist
- Local cancer care rehabilitation
- Access to substance use disorder services beyond Graham Health System, especially for homeless persons and registered sex offenders
- Therapy for COVID patients ready for discharge
- Explore ways to provide more monoclonal antibody treatments per day
- Explore ways to improve access to out-of-town ambulance transfers, urgent and non-urgent
- Better access to affordable dental care
- Local access to dental specialists
- Access to COVID-related services for homebound persons and persons in rural areas with limited access to travel
- Address an emerging resistance to health screenings
- Programming and services for youth and adults facing depression





Age Group



Ethnicity



Race



Disability

DATA ANALYSIS

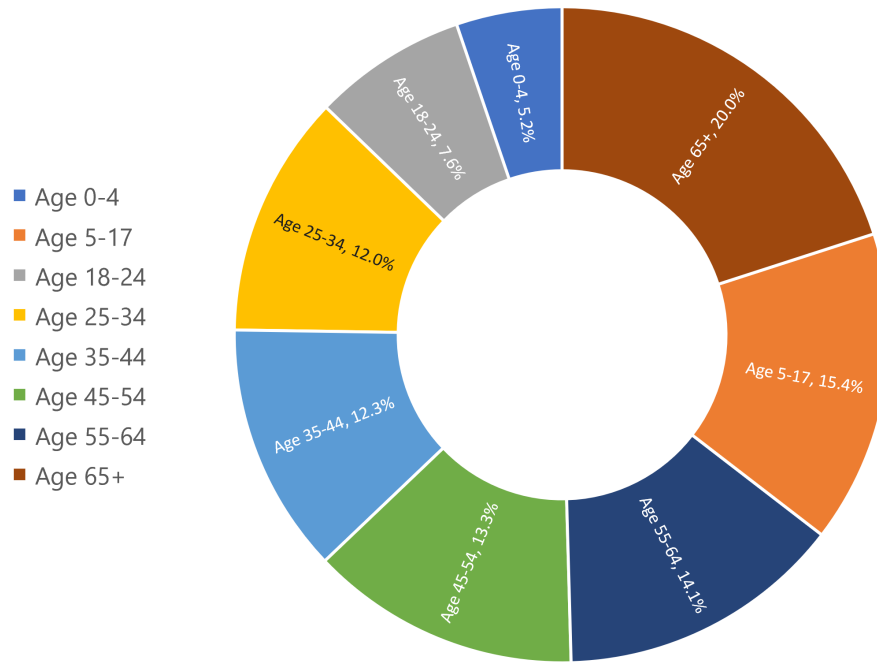
DEMOGRAPHICS

Total Population by Age Group

Report Area	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65+
2022 Graham Hospital Service Area	2,557	7,554	3,715	5,861	6,049	6,530	6,917	9,809
Fulton County, IL	1,665	5,297	2,687	4,251	4,454	4,659	5,034	7,045
Knox County, IL	2,801	7,190	5,345	5,462	5,885	6,124	7,173	10,528
McDonough County, IL	1,361	3,862	7,032	3,576	2,826	2,968	3,620	5,234
Mason County, IL	701	2,116	941	1,403	1,601	1,792	2,062	3,005
Peoria County, IL	12,687	30,798	16,385	25,226	22,076	22,006	23,523	30,069
Schuyler County, IL	290	1,014	454	730	870	1,021	1,046	1,528
Warren County, IL	1,003	2,753	2,183	1,733	2,077	1,945	2,266	3,186
Illinois	767,193	2,124,333	1,192,806	1,770,290	1,644,531	1,672,220	1,656,724	1,942,534
United States	19,767,670	53,661,722	30,646,327	45,030,415	40,978,831	42,072,620	41,756,414	50,783,796

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

Total Population by Age Groups, Graham Health System Service Area



Total Population by Ethnicity

Report Area	Total Population	Hispanic or Latino Population	Hispanic or Latino Population, Percent	Non-Hispanic Population	Non-Hispanic Population, Percent
2022 Graham Hospital Service Area	48,992	1,124	2.29%	47,868	97.71%
Fulton County, IL	35,092	1,061	3.02%	34,031	96.98%
Knox County, IL	50,508	2,909	5.76%	47,599	94.24%
McDonough County, IL	30,479	844	2.77%	29,635	97.23%
Mason County, IL	13,621	153	1.12%	13,468	98.88%
Peoria County, IL	182,770	8,787	4.81%	173,983	95.19%
Schuyler County, IL	6,953	67	0.96%	6,886	99.04%
Warren County, IL	17,146	1,640	9.56%	15,506	90.44%
Illinois	12,770,631	2,186,387	17.12%	10,584,244	82.88%
United States	324,697,795	58,479,370	18.01%	266,218,425	81.99%

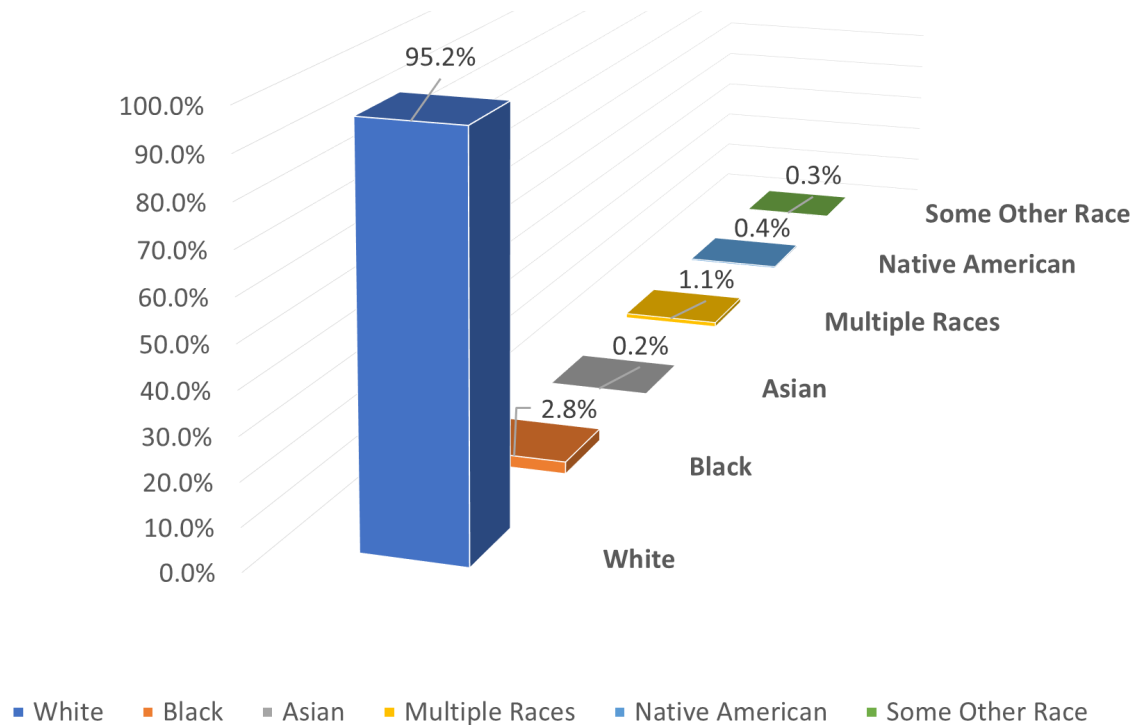
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

Total Population by Race Alone

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
2022 Graham Hospital Service Area	46,637	1,387	87	174	21	130	556
Fulton County, IL	33,002	1,325	28	165	21	104	447
Knox County, IL	43,219	4,485	554	254	0	1,095	901
McDonough County, IL	27,372	1,442	653	33	0	159	820
Mason County, IL	13,214	103	24	22	0	46	212
Peoria County, IL	132,888	32,480	7,537	499	11	2,670	6,685
Schuyler County, IL	6,219	625	0	9	0	0	100
Warren County, IL	15,107	501	429	38	0	874	197
Illinois	9,134,903	1,813,590	698,524	33,460	4,477	757,231	328,446

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

Total Population by Race Alone, Graham Health System Service Area



Population with any Disability

This indicator reports the percentage of the total civilian non-institutionalized population with a disability. The report area has a total population of 46,342 for whom disability status has been determined, of which 6,541 or 22.01% have any disability. This indicator is relevant because disabled individuals comprise a vulnerable population that requires targeted services and outreach by providers.

Report Area	Total Population (For Whom Disability Status Is Determined)	Population with a Disability	Population with a Disability, Percent
2022 Graham Hospital Service Area	46,342	6,541	14.11%
Fulton County, IL	32,562	4,673	14.35%
Knox County, IL	47,703	7,592	15.92%
McDonough County, IL	30,084	4,343	14.44%
Mason County, IL	13,415	2,258	16.83%
Peoria County, IL	180,546	21,396	11.85%
Schuyler County, IL	6,882	1,359	19.75%
Warren County, IL	16,952	2,259	13.33%
Illinois	12,591,483	1,388,097	11.02%
United States	319,706,872	40,335,099	12.62%

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

SOCIAL DETERMINANTS OF HEALTH

The data and discussion on the following pages will take a look into the social determinants in the Graham Health System service area and will offer insight into the complexity of circumstances that impact physical and mental wellness for the Graham Health System audience. The infographic on Page 33 provides a snapshot of the at-risk population served by Graham Health System.

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

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

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

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

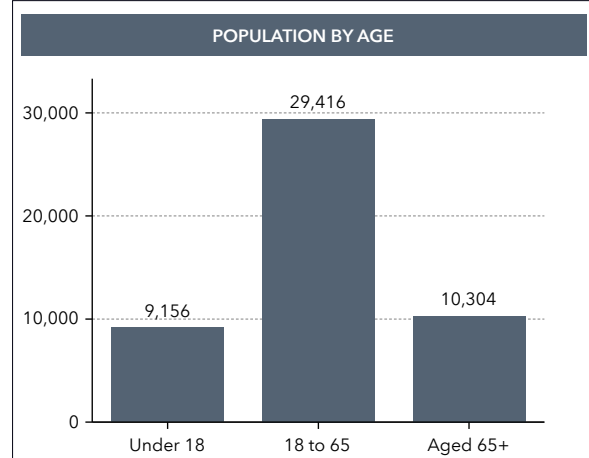
- 5,355 households with disability
- 2,706 households below the poverty level (14%)
- Median household income is \$52,165, which is lower than both Illinois

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

Graham Health System Service Area

AT RISK POPULATION PROFILE

Geography: County



48,876 Population
 19,621 Households
 2.35 Avg Size Household
 44.0 Median Age
 \$52,165 Median Household Income
 \$98,669 Median Home Value
 67 Wealth Index
 271 Housing Affordability
 18 Diversity Index

AT RISK POPULATION



POVERTY AND LANGUAGE



POPULATION AND BUSINESSES



Language Spoken (ACS)	Age 5-17	18-64	Age 65+	Total
English Only	7,256	27,900	9,678	44,834
Spanish	62	777	53	892
Spanish & English Well	62	636	32	730
Spanish & English Not Well	0	79	22	101
Spanish & No English	0	61	0	61
Indo-European	84	266	67	417
Indo-European & English Well	84	240	67	391
Indo-European & English Not Well	0	26	0	26
Indo-European & No English	0	0	0	0
Asian-Pacific Island	29	33	13	75
Asian-Pacific Isl & English Well	29	32	13	74
Asian-Pacific Isl & English Not Well	0	1	0	1
Asian-Pacific Isl & No English	0	0	0	0
Other Language	6	19	0	25
Other Language & English Well	6	10	0	16
Other Language & English Not Well	0	9	0	9
Other Language & No English	0	0	0	0

Version 1.8 © 2022 Esri

Economic Stability – Income and Economics

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

Income – Median Household Income

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

Report Area	Total Households	Average Household Income	Median Household Income
2022 Graham Hospital Service Area	19,525	\$66,797	No data
Fulton County, IL	13,940	\$67,814	\$51,643
Knox County, IL	20,680	\$58,636	\$44,129
McDonough County, IL	11,408	\$60,150	\$44,471
Mason County, IL	5,977	\$65,149	\$48,417
Peoria County, IL	73,253	\$77,258	\$55,842
Schuyler County, IL	2,775	\$63,290	\$52,357
Warren County, IL	6,862	\$63,814	\$50,310
Illinois	4,846,134	\$92,395	\$65,886
United States	120,756,048	\$88,607	\$62,843

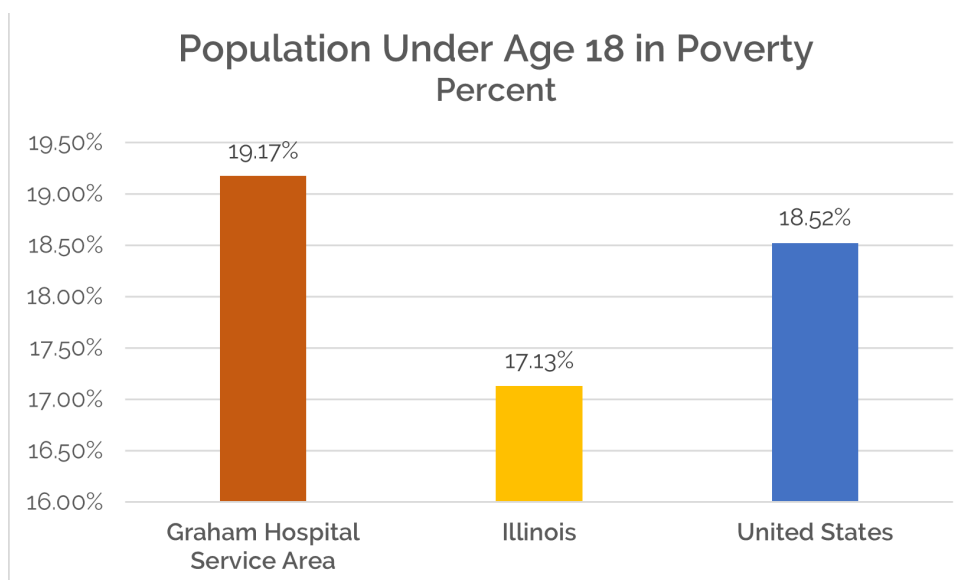
*Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2015-19. Source geography: Tract*

Poverty – Children Below 100% FPL

In the service area, 19.17% or 1,910 children aged 0-17 are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population Under Age 18	Population Under Age 18 in Poverty	Percent Population Under Age 18 in Poverty
2022 Graham Hospital Service Area	46,204	9,965	1,910	19.17%
Fulton County, IL	32,479	6,871	1,297	18.88%
Knox County, IL	46,294	9,821	2,474	25.19%
McDonough County, IL	27,017	5,068	818	16.14%
Mason County, IL	13,358	2,752	639	23.22%
Peoria County, IL	177,693	42,718	8,683	20.33%
Schuyler County, IL	6,798	1,220	141	11.56%
Warren County, IL	16,019	3,748	655	17.48%
Illinois	12,474,842	2,852,051	488,516	17.13%
United States	316,715,051	72,235,700	13,377,778	18.52%

*Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2015-19. Source geography: Tract*



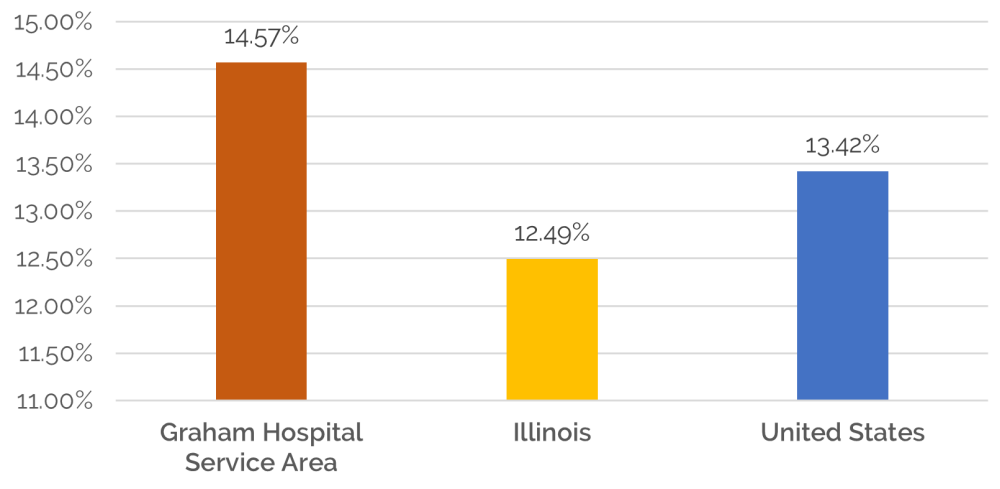
Poverty – Population Below 100% FPL

Poverty is considered a key driver of health status. Within the service area, 14.57% or 6,712 individuals are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, health food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population in Poverty	Population in Poverty, Percent
2022 Graham Hospital Service Area	46,204	6,712	14.57%
Fulton County, IL	32,479	4,769	14.68%
Knox County, IL	46,294	8,413	18.17%
McDonough County, IL	27,017	5,928	21.94%
Mason County, IL	13,358	1,911	14.31%
Peoria County, IL	177,693	27,783	15.64%
Schuyler County, IL	6,798	1,291	18.99%
Warren County, IL	16,019	2,066	12.90%
Illinois	12,474,842	1,557,873	12.49%
United States	316,715,051	42,510,843	13.42%

*Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2015-19. Source geography: Tract*

Population in Poverty Below 100% FPL Percent

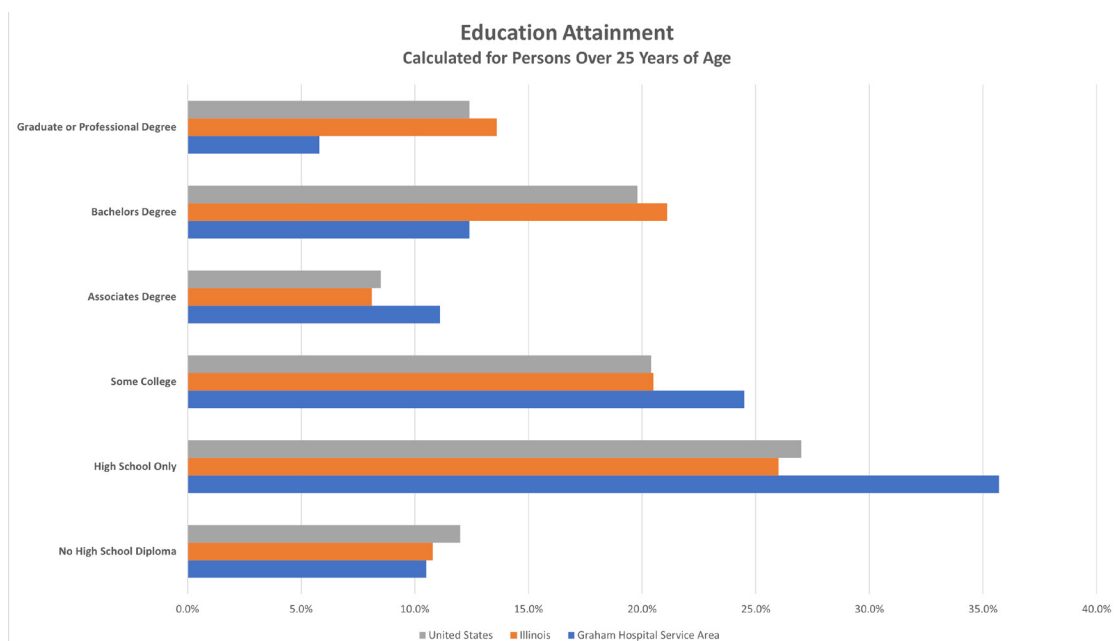


Education Attainment – Associate's Level Degree or Higher

This category contains indicators that describe the education system and the educational outcomes of the service area populations. Education metrics can be used to describe variation in population access, proficiency, and attainment throughout the education system, from access to pre-kindergarten through advanced degree attainment. These indicators are important because education is closely tied to health outcomes and economic opportunity. For the selected area, 12.4% have at least a college bachelor's degree, while 35.7% stopped their formal education attainment after high school. This indicator is relevant because educational attainment has been linked to positive health outcomes.

Report Area	No High School Diploma	High School Only	Some College	Associates Degree	Bachelors Degree	Graduate or Professional Degree
2022 Graham Hospital Service Area	10.5%	35.7%	24.5%	11.1%	12.4%	5.8%
Fulton County, IL	11.35%	34.5%	25.3%	11.3%	11.8%	5.7%
Knox County, IL	10.94%	36.6%	23.0%	10.6%	12.5%	6.5%
McDonough County, IL	6.43%	31.2%	19.7%	10.5%	15.8%	16.4%
Mason County, IL	10.82%	42.8%	19.6%	10.7%	11.2%	4.9%
Peoria County, IL	9.08%	27.6%	23.1%	9.6%	18.6%	12.0%
Schuyler County, IL	10.59%	35.6%	22.5%	10.9%	13.7%	6.7%
Warren County, IL	13.35%	32.0%	23.0%	8.9%	15.6%	7.2%
Illinois	10.79%	26.0%	20.5%	8.1%	21.1%	13.6%
United States	12.00%	27.0%	20.4%	8.5%	19.8%	12.4%

*Note: This indicator is compared to the state average.
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: County*



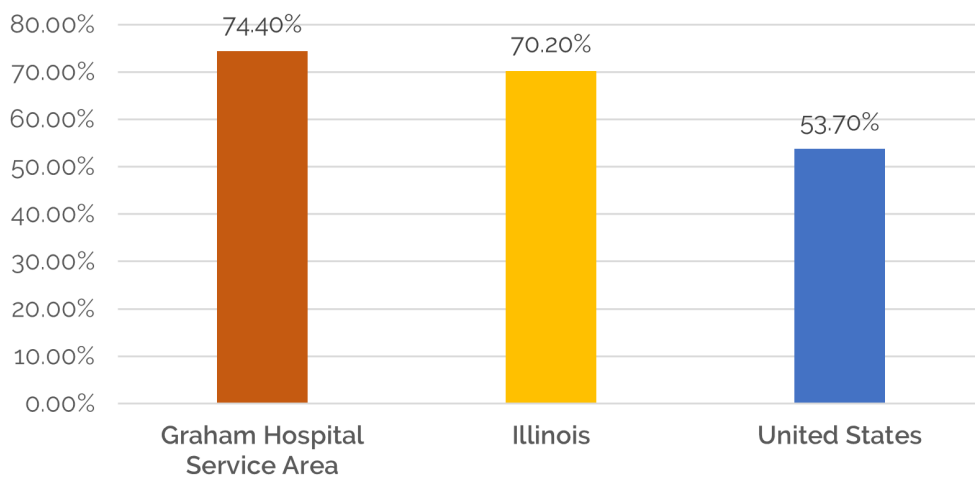
Proficiency – Student Math Proficiency (4th Grade)

Information about student performance in the 4th grade math portion of the state-specific standardized tests are displayed in the table below. Of 537 students tested, 25.4% of 4th graders performed at or above the “proficient” level, and 74.4% tested below the “proficient” level, according to the latest data. Students in the report area tested worse than the statewide rate of 29.8%.

Report Area	Students with Valid Test Scores	Students Scoring 'Proficient' or Better, Percent	Students Scoring 'Not Proficient' or Worse, Percent
2022 Graham Hospital Service Area	537	25.4%	74.4%
Fulton County, IL	1,243	22.5%	77.5%
Knox County, IL	1,795	22.9%	77.1%
McDonough County, IL	976	14.9%	85.1%
Mason County, IL	466	19.7%	80.3%
Peoria County, IL	7,841	27.4%	72.6%
Schuyler County, IL	246	15.9%	84.1%
Warren County, IL	647	20.7%	79.3%
Illinois	545,489	29.8%	70.2%
United States	13,473,054	46.3%	53.7%

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

Students Scoring 'Not Proficient' or Worse Percent



Area Deprivation Index

This indicator reports the average (population weighted) Area Deprivation Index (ADI) for the selected area. The Area Deprivation Index ranks neighborhoods and communities relative to all neighborhoods across the nation (National Percentile) or relative to other neighborhoods within just one state (State Percentile). The ADI is calculated based on 17 measures related to four primary domains (education, income and employment, housing, and household characteristics). The overall scores are measured on a scale of 1 to 100 where 1 indicates the lowest level of deprivation (least disadvantaged) and 100 is the highest level of deprivation (most disadvantaged).

Report Area	Total Population	State Percentile	National Percentile
2022 Graham Hospital Service Area	48,677	83	78
Fulton County, IL	32,204	83	79
Knox County, IL	46,275	84	81
McDonough County, IL	26,604	84	80
Mason County, IL	13,621	87	83
Peoria County, IL	180,037	67	66
Schuyler County, IL	5,551	84	79
Warren County, IL	16,251	85	80
Illinois	12,550,547	No data	49
United States	320,934,417	No data	No data

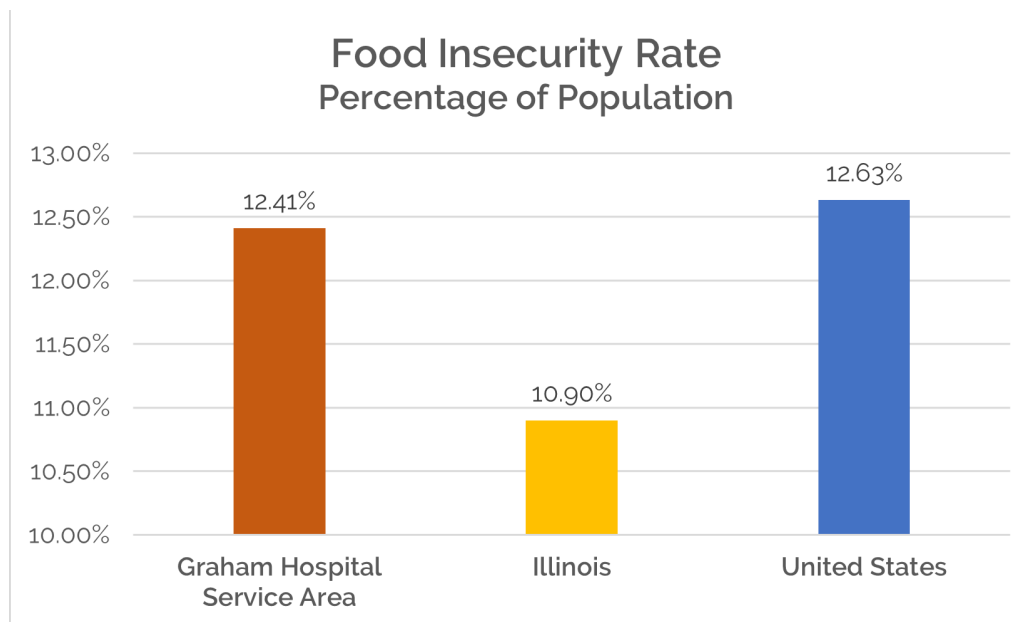
Note: This indicator is compared to the state average. Data Source: University of Wisconsin-Madison School of Medicine and Public Health, Neighborhood Atlas, 2021. Source geography: Block Group

Other Social & Economic Factors – Food Insecurity Rate

Economic and social insecurity often are associated with poor health. Poverty, unemployment, and a lack of educational achievement affect access to care and a community's ability to engage in healthy behaviors. Without a network of support and a safe community, families cannot thrive. Ensuring access to social and economic resources provides a foundation for a healthy community. This indicator reports the estimated percentage of the population that experienced food insecurity at some point during the report year. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food.

Report Area	Total Population	Food Insecure Population, Total	Food Insecurity Rate
2022 Graham Hospital Service Area	49,912	6,193	12.41%
Fulton County, IL	35,620	4,310	12.10%
Knox County, IL	51,567	6,910	13.40%
McDonough County, IL	31,538	4,510	14.30%
Mason County, IL	13,879	1,610	11.60%
Peoria County, IL	186,573	26,680	14.30%
Schuyler County, IL	7,154	930	13.00%
Warren County, IL	17,449	1,710	9.80%
Illinois	12,807,064	1,395,970	10.90%
United States	325,717,422	41,133,950	12.63%

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



Homeless Children & Youth

This indicator reports the number of homeless children and youth enrolled in the public school system during the school year 2019-2020. According to the data source definitions, homelessness is defined as lacking a fixed, regular, and adequate nighttime residence. Those who are homeless may be sharing the housing of other persons, living in motels, hotels, or camping grounds, in emergency transitional shelters, or may be unsheltered.

Data are aggregated to the report area level based on school district summaries where three or more homeless children are counted. In the service area, of all the 6,942 students enrolled during the school year 2019-2020, there were 227 or .5% homeless students, which is lower than the statewide rate of 2.6%. *Note: Data are available for 100.0% of school districts in the service area, representing 100.0% of the public school student population.*

Report Area	Total Students	Districts Reporting	Students in Reported Districts	Homeless Students	Homeless Students, Percent
2022 Graham Hospital Service Area	6,942	100.0%	93.4%	227	0.5%
Fulton County, IL	4,869	100.0%	100.0%	148	3.0%
Knox County, IL	6,345	88.9%	90.7%	92	1.4%
McDonough County, IL	3,424	100.0%	100.0%	104	3.0%
Mason County, IL	2,037	100.0%	100.0%	86	4.2%
Peoria County, IL	26,065	64.7%	91.3%	535	2.1%
Schuyler County, IL	947	100.0%	100.0%	20	2.1%
Warren County, IL	2,406	80.0%	88.7%	17	0.7%
Illinois	1,855,033	88.9%	97.5%	48,332	2.6%
United States	47,386,316	86.9%	97.5%	1,311,089	2.8%

Note: This indicator is compared to the state average. Data Source: U.S. Department of Education, EDData. Additional data analysis by CARES, 2019-2020. Source geography: School District

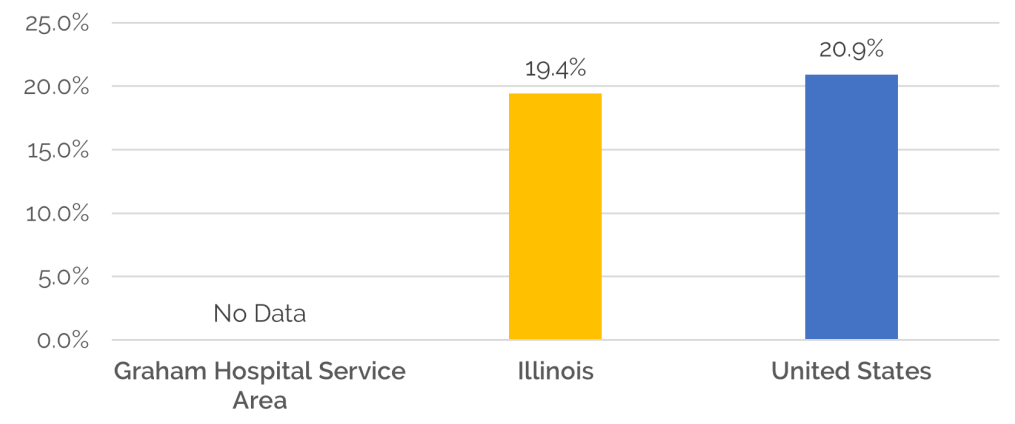
Teen Births

This indicator reports the seven-year average number of births per 1,000 female population age 15-19. Data were from the National Center for Health Statistics - Natality Files (2013-2019) and are used for the 2021 County Health Rankings. In the service area, of the 6,686 total female population age 15-19, the teen birth rate is 30.4 per 1,000, which is greater than the state's teen birth rate of 19.4. *Note: Data are suppressed for counties with fewer than 10 teen births in the timeframe.*

Report Area	Female Population Age 15-19	Teen Births, Rate per 1,000 Female Population Age 15-19
Fulton County, IL	6,686	30.4
Knox County, IL	11,121	26.8
McDonough County, IL	11,299	8.2
Mason County, IL	2,919	29.1
Peoria County, IL	41,722	33.1
Schuyler County, IL	1,375	20.4
Warren County, IL	5,025	18.9
Illinois	5,783,508	19.4
United States	144,319,360	20.9

Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via County Health Rankings, 2013-2019. Source geography: County

Teen Births Rate per 1,000 Female Population Ages 15-19



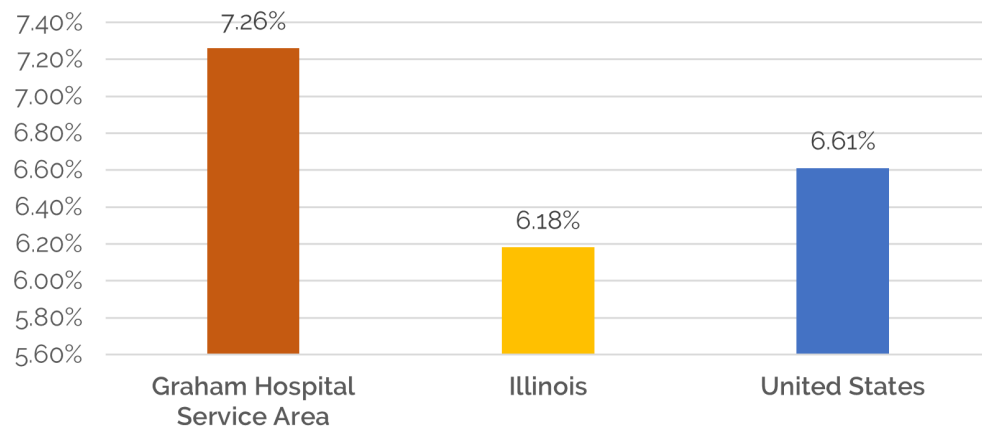
Young People Not in School and Not Working

This indicator reports the percentage of youth age 16-19 who are not currently enrolled in school and who are not employed. The service area has a total population of 2,288 between the ages specified, of which 166 are not in school and not employed.

Report Area	Population Age 16-19	Population Age 16-19 Not in School and Not Employed	Population Age 16-19 Not in School and Not Employed, Percent
2022 Graham Hospital Service Area	2,288	166	7.26%
Fulton County, IL	1,593	145	9.10%
Knox County, IL	2,850	264	9.26%
McDonough County, IL	2,911	58	1.99%
Mason County, IL	615	27	4.39%
Peoria County, IL	9,222	714	7.74%
Schuyler County, IL	303	29	9.57%
Warren County, IL	1,303	22	1.69%
Illinois	668,335	41,315	6.18%
United States	17,025,696	1,124,551	6.61%

Note: This indicator is compared to the state average. Data Source: U.S. Census Bureau, American Community Survey, 2016-2020. Source geography: Tract

Population Age 16-19 Not in School and Not Employed Percent



Built Environment – Community Design (Park Access)

This indicator reports the percentage of population living within 1/2 mile of a park. This indicator is relevant because access to outdoor recreation encourages physical activity and other healthy behaviors.

Report Area	Total Population, 2013-17	Population Within 1/2 Mile of a Park	Percent Within 1/2 Mile of a Park
2022 Graham Hospital Service Area	50,053	9,180	18%
Fulton County, IL	35,733	7,146	20%
Knox County, IL	51,374	11,302	22%
McDonough County, IL	31,597	6,003	19%
Mason County, IL	13,904	2,780	20%
Peoria County, IL	186,145	53,982	29%
Schuyler County, IL	7,181	143	2%
Warren County, IL	17,429	5,577	32%
Illinois	12,854,526	7,584,170	59%
United States	321,004,407	148,896,178	46%

Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, CDC - National Environmental Public Health Tracking Network, 2015. Source geography: Tract



Food Environment – Grocery Stores

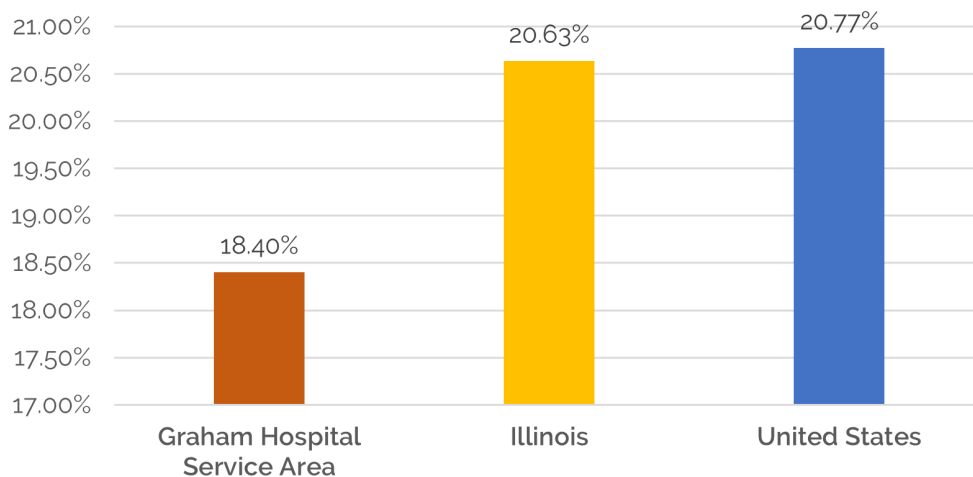
Healthy dietary behaviors are supported by access to healthy foods, and grocery stores are a major provider of these foods. There are 10 grocery establishments in the service area, a rate of 18.40 per 100,000 population.

Grocery stores are defined as supermarkets and smaller grocery stores primarily engaged in retailing a general line of food, such as canned and frozen foods; fresh fruits and vegetables; and fresh and prepared meats, fish, and poultry. Delicatessen-type establishments are also included. Convenience stores and large general merchandise stores that also retail food, such as supercenters and warehouse club stores, are excluded.

Report Area	Total Population (2010)	Number of Establishments	Establishments, Rate per 100,000 Population
2022 Graham Hospital Service Area	51,771	10	18.40
Fulton County, IL	37,069	6	16.19
Knox County, IL	52,919	10	18.90
McDonough County, IL	32,612	8	24.53
Mason County, IL	14,666	Suppressed	Suppressed
Peoria County, IL	186,494	46	24.67
Schuyler County, IL	7,544	Suppressed	Suppressed
Warren County, IL	17,707	5	28.24
Illinois	12,830,632	2,647	20.63
United States	308,745,538	64,132	20.77

Note: This indicator is compared to the state average. Data Source: U.S. Census Bureau, County Business Patterns, Additional data analysis by CARES, 2019. Source geography: County

Grocery Store Establishments Rate per 100,000 Population



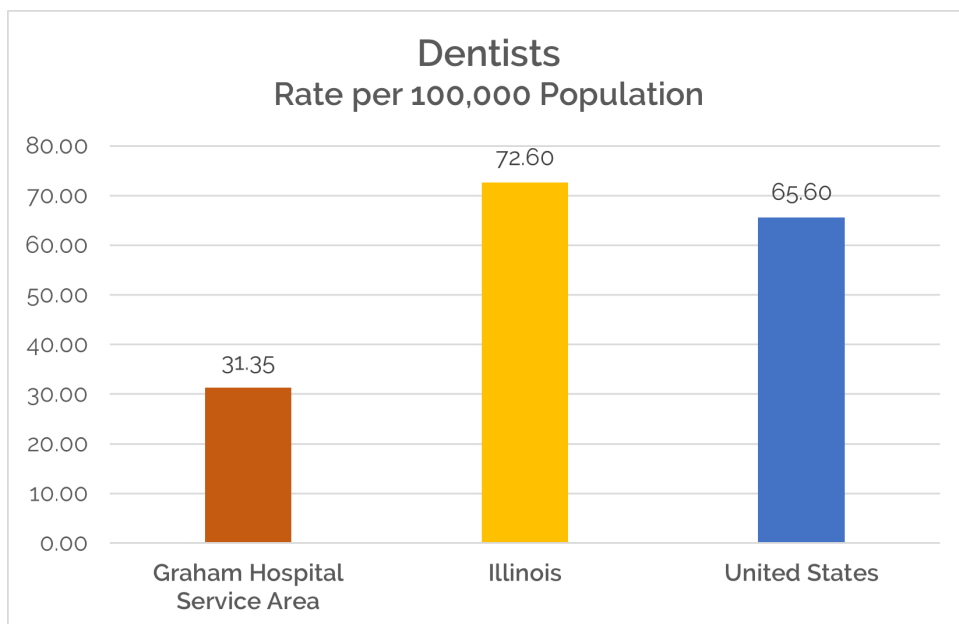
HEALTH AND WELLNESS INDICATORS

Access to Care – Dental Health

This indicator reports the number of dentists per 100,000 population. This indicator includes all dentists qualified as having a doctorate in dental surgery (D.D.S.) or dental medicine (D.M.D.), who are licensed by the state to practice dentistry and who are practicing within the scope of that license. Within the service area, there are 15 dentists. This represents 31.35 dentists per 100,000 total population.

Report Area	Total Population, 2015	Dentists, 2015	Dentists, Rate per 100,000 Population
2022 Graham Hospital Service Area	50,165	15	31.35
Fulton County, IL	35,699.00	7.00	19.61
Knox County, IL	51,441.00	18.00	34.99
McDonough County, IL	31,333.00	12.00	38.30
Mason County, IL	13,701.00	5.00	36.49
Peoria County, IL	186,221.00	142.00	76.25
Schuyler County, IL	7,032.00	1.00	14.22
Warren County, IL	17,527.00	6.00	34.23
Illinois	12,859,995.00	9,336.00	72.60
United States	321,418,820.00	210,832.00	65.60

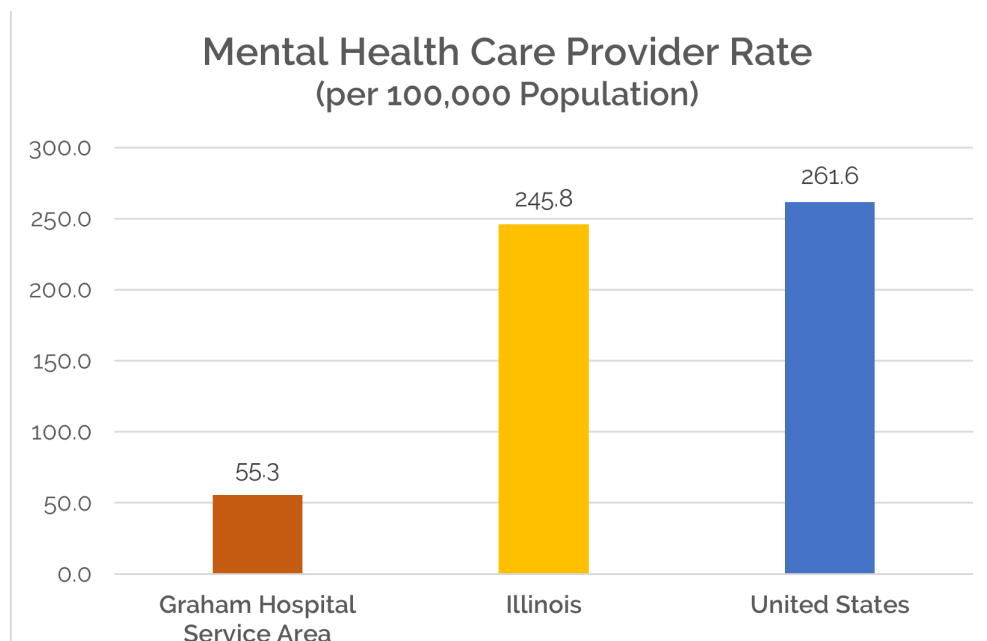
Note: This indicator is compared to the state average. Data Source: U.S. Department of Health & Human Services, Health Resources and Services Administration, HRSA - Area Health Resource File. Accessed via County Health Rankings, 2017. Source geography: County



Access to Care – Mental Health

This indicator reports the number of mental health providers in the service area as a rate per 100,000 total area population. Mental health providers include psychiatrists, psychologists, clinical social workers, and counselors that specialize in mental healthcare. Data from the 2021 Centers for Medicare and Medicaid Services (CMS) National Provider Identifier (NPI) downloadable file are used in the 2021 County Health Rankings. Within the report area, there are 19 mental health providers with a CMS National Provider Identifier (NPI). This represents 55.3 providers per 100,000 total population. *Note: Data are suppressed for counties with population greater than 1,000 and 0 mental health providers.*

Report Area	Estimated Population	Number of Mental Health Providers	Ratio of Mental Health Providers to Population (1 Provider per x Persons)	Mental Health Care Provider Rate (Per 100,000 Population)
Fulton County, IL	34,340	19	1,807.4	55.3
Knox County, IL	49,699	91	546.1	183.1
McDonough County, IL	29,682	62	478.7	208.9
Mason County, IL	13,359	4	3,339.8	29.9
Peoria County, IL	179,179	449	399.1	250.6
Schuyler County, IL	6,768	6	1,128	88.7
Warren County, IL	16,844	3	5,614.7	17.8
Illinois	25,293,636	62,162	406.9	245.8
United States	655,362,202	1,714,472	382.3	261.6

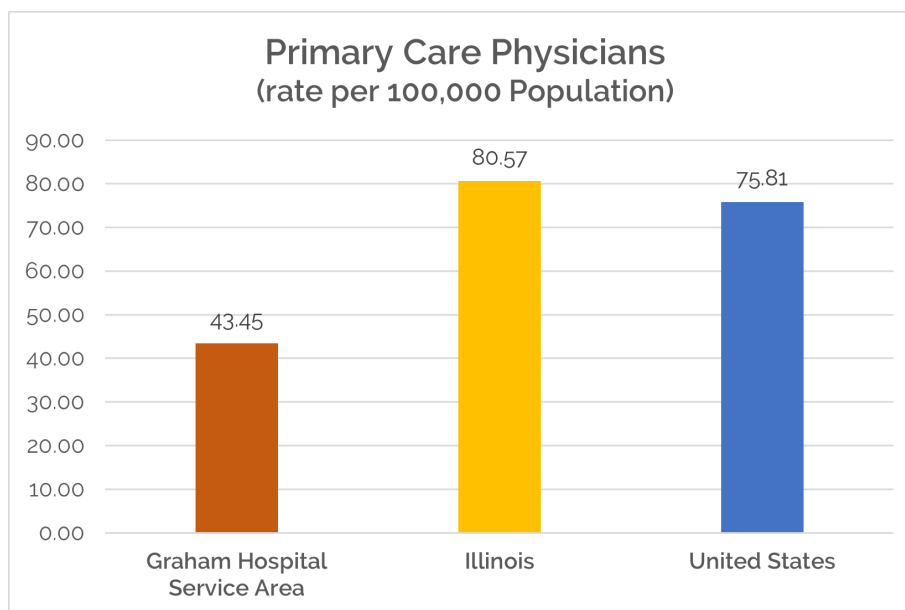


Access to Care – Primary Care

This indicator reports the number of primary care physicians per 100,000 population. Doctors classified as “primary care physicians” by the AMA include: General Family Medicine MDs and Dos, General Practice MDs and DOs, General Internal Medicine MDs and General Pediatrics MDs. Physicians age 75 and over and physicians practicing subspecialties within the listed specialties are excluded. This indicator is relevant because a shortage of health professionals contributes to access and health status issues. Within the service area, there are 21 primary care physicians. This represents 43.45 providers per 100,000 total population.

Report Area	Total Population	Primary Care Physicians	Primary Care Physicians, Rate per 100,000 Population
2022 Graham Hospital Service Area	48,668	21	43.45
Fulton County, IL	34,844	12	34.44
Knox County, IL	50,112	26	51.88
McDonough County, IL	29,955	15	50.08
Mason County, IL	13,565	3	22.12
Peoria County, IL	180,621	222	122.91
Schuyler County, IL	6,907	2	28.96
Warren County, IL	17,032	7	41.10
Illinois	12,741,080	10,265	80.57
United States	327,167,434	248,034	75.81

Note: This indicator is compared to the state average. Data Source: U.S. Department of Health & Human Services, Health Resources and Services Administration, HRSA - Area Health Resource File. Accessed via County Health Rankings, 2017. Source geography: County





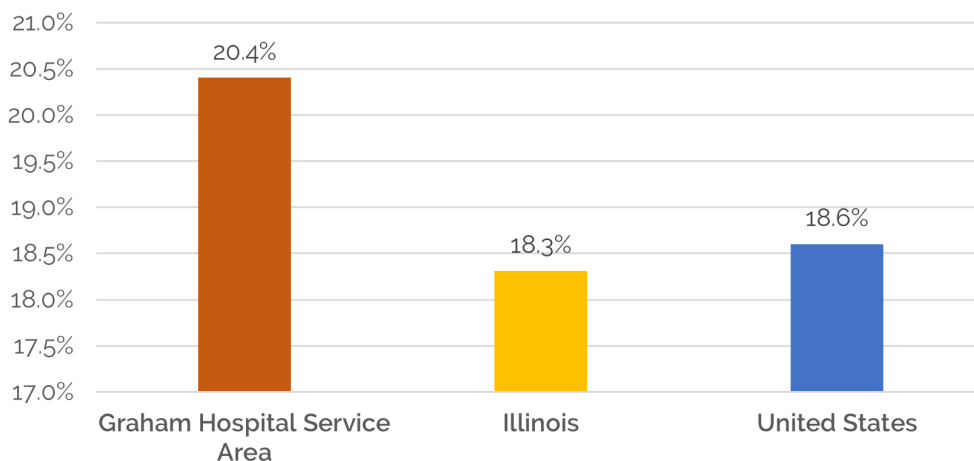
Poor or Fair Health

This indicator reports the percentage of adults age 18 and older who self-report poor or fair health (age-adjusted to the 2000 standard). Data were from the 2019 Behavioral Risk Factor Surveillance System (BRFSS) annual survey and are used for the 2021 County Health Rankings. This indicator is relevant because it is a measure of general poor health status. Within the service area, the estimated prevalence of fair or poor health among adults aged 18 years and older was 20.4%. This value is based on the crude number of adults who self-report their general health status as “fair” or “poor.”

Report Area	Total Population (2019)	Adults with Poor or Fair General Health (Crude)	Adults with Poor or Fair General Health (Age-Adjusted)
2022 Graham Hospital Service Area	51,772	20.4%	No data
Fulton County, IL	34,340	20.50%	19.00%
Knox County, IL	49,699	21.50%	20.10%
McDonough County, IL	29,682	17.50%	18.10%
Mason County, IL	13,359	21.10%	19.00%
Peoria County, IL	179,179	18.70%	17.90%
Schuyler County, IL	6,768	20.90%	18.70%
Warren County, IL	16,844	19.40%	18.60%
Illinois	12,671,821	18.31%	17.80%

Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention: Behavioral Risk Factor Surveillance System. Accessed via the 500 Cities Data Portal, 2019. Source geography: Tract

Adults with Poor or Fair General Health (Percentage of Adults over Age 18)



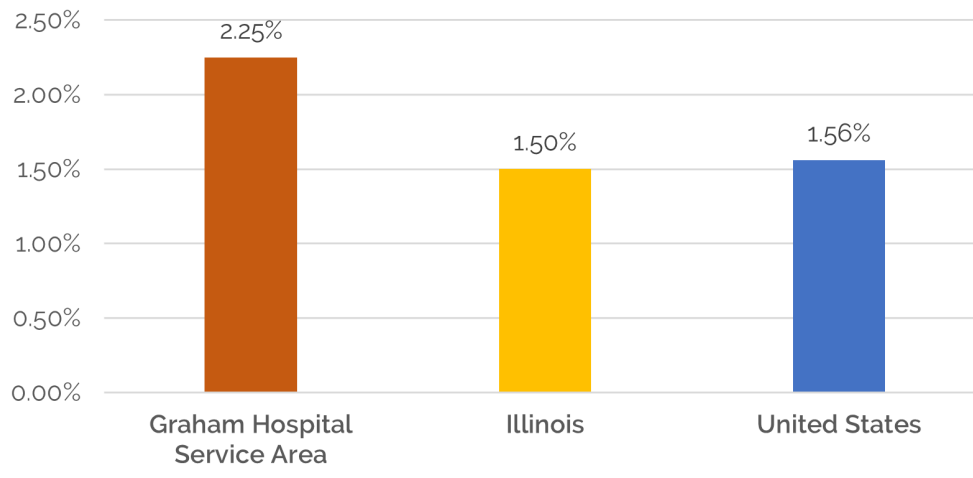
Tobacco Expenditures

This indicator reports estimated expenditures for cigarettes as a percentage of total household expenditures. This indicator is relevant because tobacco use is linked to leading causes of death, such as cancer and cardiovascular disease. Expenditures data are suppressed for single counties and single-geography custom areas. Rank data are not available custom report areas or multi-county areas.

Report Area	State Rank	Z-Score (US)	Z-Score (Within-State)	Average Expenditures (USD)	Percentage of Food-At-Home Expenditures
2022 Graham Hospital Service Area	No data	0.91	1.2	\$7.10	2.25%
Fulton County, IL	93.00	1.89	2.96	Suppressed	Suppressed
Knox County, IL	79.00	1.59	2.52	Suppressed	Suppressed
McDonough County, IL	33.00	1.04	1.71	Suppressed	Suppressed
Mason County, IL	75.00	1.54	2.44	Suppressed	Suppressed
Peoria County, IL	17.00	0.61	1.09	Suppressed	Suppressed
Schuyler County, IL	59.00	1.36	2.19	Suppressed	Suppressed
Warren County, IL	42.00	1.21	1.97	Suppressed	Suppressed
Illinois	No data	-0.35	No data	\$807.79	1.50%
United States	No data	No data	No data	\$822.70	1.56%

*Note: This indicator is compared to the state average.
Data Source: Nielsen, Nielsen Site Reports, 2014. Source geography: Tract*

Cigarette Expenditures as a Percent of Total Household Expenditures



CHRONIC ILLNESS

Health Outcomes

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

Cancer Incidence – All Sites

This indicator reports the age-adjusted incidence rate (cases per 100,000 population per year) of cancer (all sites), adjusted to 2000 U.S. standard population age groups (under age 1, 1-4, 5-9, ..., 80-84, 85 and older). Within the service area, there were 338 new cases of cancer reported. This means there is a rate of 503.2 for every 100,000 total population.

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
2022 Graham Hospital Service Area	67,173	338	503.2
Fulton County, IL	49,514	250	504.9
Knox County, IL	71,878	342	475.8
McDonough County, IL	36,012	177	491.5
Mason County, IL	20,829	107	513.7
Peoria County, IL	223,200	1,116	500.0
Schuyler County, IL	10,805	55	509.0
Warren County, IL	22,122	108	488.2
Illinois	14,903,598	69,570	466.8
United States	379,681,007	1,703,249	448.6

*Note: This indicator is compared to the state average.
Data Source: State Cancer Profiles. 2014-18. Source geography: County*

Top Five Most Commonly Diagnosed Cancers

The table below shows counts and age-adjusted incidence rates of the five most common newly diagnosed cancers by site for the 5-year period of 2014-2018.

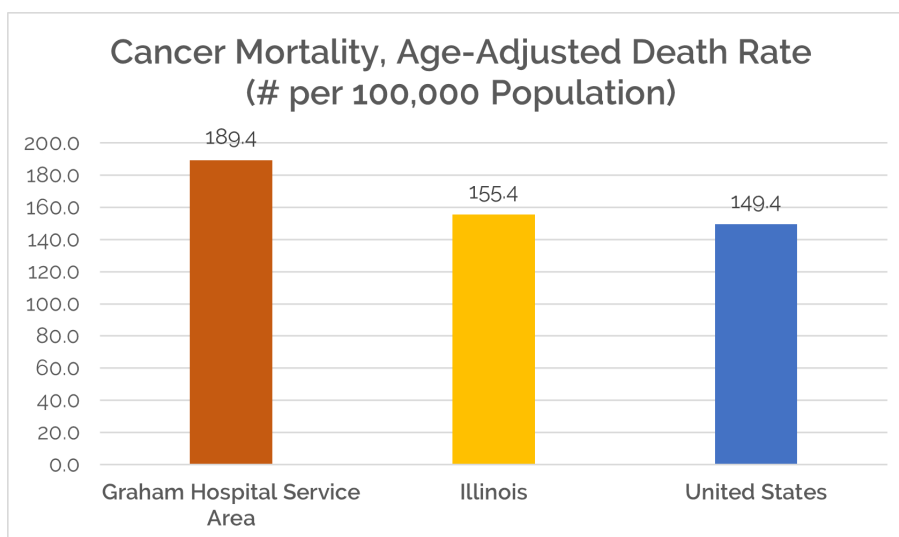
Area Name	Cancer Site	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
Fulton County, Illinois	1 - Lung & Bronchus (All Stages^), 2014-2018	40	75.4
Fulton County, Illinois	2 - Breast (All Stages^), 2014-2018	35	146.1
Fulton County, Illinois	3 - Colon & Rectum (All Stages^), 2014-2018	30	59.6
Fulton County, Illinois	4 - Prostate (All Stages^), 2014-2018	23	92.5
Fulton County, Illinois	5 - Bladder (All Stages^), 2014-2018	14	27.1
Knox County, Illinois	1 - Lung & Bronchus (All Stages^), 2014-2018	56	74.9
Knox County, Illinois	2 - Breast (All Stages^), 2014-2018	52	144.2
Knox County, Illinois	3 - Prostate (All Stages^), 2014-2018	34	92
Knox County, Illinois	4 - Colon & Rectum (All Stages^), 2014-2018	33	44.5
Knox County, Illinois	5 - Bladder (All Stages^), 2014-2018	19	24.5
McDonough County, Illinois	1 - Lung & Bronchus (All Stages^), 2014-2018	30	75.7
McDonough County, Illinois	2 - Breast (All Stages^), 2014-2018	25	144.6
McDonough County, Illinois	3 - Colon & Rectum (All Stages^), 2014-2018	20	54.5
McDonough County, Illinois	4 - Prostate (All Stages^), 2014-2018	20	108.1
McDonough County, Illinois	5 - Melanoma of the Skin (All Stages^), 2014-2018	9	24.4
Mason County, Illinois	1 - Lung & Bronchus (All Stages^), 2014-2018	22	100.2
Mason County, Illinois	2 - Colon & Rectum (All Stages^), 2014-2018	12	55.3
Mason County, Illinois	3 - Prostate (All Stages^), 2014-2018	12	110.7
Mason County, Illinois	4 - Breast (All Stages^), 2014-2018	11	120.7
Mason County, Illinois	5 - Melanoma of the Skin (All Stages^), 2014-2018	5	26.8
Peoria County, Illinois	1 - Lung & Bronchus (All Stages^), 2014-2018	196	84.7
Peoria County, Illinois	2 - Breast (All Stages^), 2014-2018	165	146
Peoria County, Illinois	3 - Prostate (All Stages^), 2014-2018	137	122.7
Peoria County, Illinois	4 - Colon & Rectum (All Stages^), 2014-2018	98	44.5
Peoria County, Illinois	5 - Melanoma of the Skin (All Stages^), 2014-2018	62	29
Schuyler County, Illinois	1 - Lung & Bronchus (All Stages^), 2014-2018	10	91.4
Schuyler County, Illinois	2 - Prostate (All Stages^), 2014-2018	7	120.7
Schuyler County, Illinois	3 - Breast (All Stages^), 2014-2018	6	106.1
Schuyler County, Illinois	4 - Colon & Rectum (All Stages^), 2014-2018	6	49.1
Schuyler County, Illinois	5 - Bladder (All Stages^), 2014-2018	3	28.2
Warren County, Illinois	1 - Lung & Bronchus (All Stages^), 2014-2018	17	69.8
Warren County, Illinois	2 - Breast (All Stages^), 2014-2018	14	142.3
Warren County, Illinois	3 - Colon & Rectum (All Stages^), 2014-2018	12	54.8
Warren County, Illinois	4 - Prostate (All Stages^), 2014-2018	8	66.8
Warren County, Illinois	5 - Melanoma of the Skin (All Stages^), 2014-2018	6	27
Illinois	1 - Breast (All Stages^), 2014-2018	10,389	133.7
Illinois	2 - Lung & Bronchus (All Stages^), 2014-2018	9,538	63
Illinois	3 - Prostate (All Stages^), 2014-2018	8,174	111.5
Illinois	4 - Colon & Rectum (All Stages^), 2014-2018	6,243	42.1
Illinois	5 - Melanoma of the Skin (All Stages^), 2014-2018	3,086	21.3

Mortality – Cancer

This indicator reports the 2016-2020 five-year average rate of death due to malignant neoplasm (cancer) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are summarized for service areas from county level data, only where data is available. This indicator is relevant because cancer is a leading cause of death in the United States. Within the service area, there are a total of 681 deaths due to cancer. This represents an age-adjusted death rate of 189.4 per every 100,000 total population. *Note: Data are suppressed for counties with fewer than 20 deaths in the timeframe.*

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
2022 Graham Hospital Service Area	48,739	681	279.4	189.4
Fulton County, IL	34,704	521	300.3	196.3
Knox County, IL	50,088	677	270.3	173.6
McDonough County, IL	30,150	312	207.0	163.3
Mason County, IL	13,464	251	372.9	226.9
Peoria County, IL	181,094	1,965	217.0	170.8
Schuyler County, IL	6,874	90	261.9	156.9
Warren County, IL	17,023	207	243.2	170.4
Illinois	12,720,799	120,341	189.2	155.4
United States	326,747,554	2,998,371	183.5	149.4

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

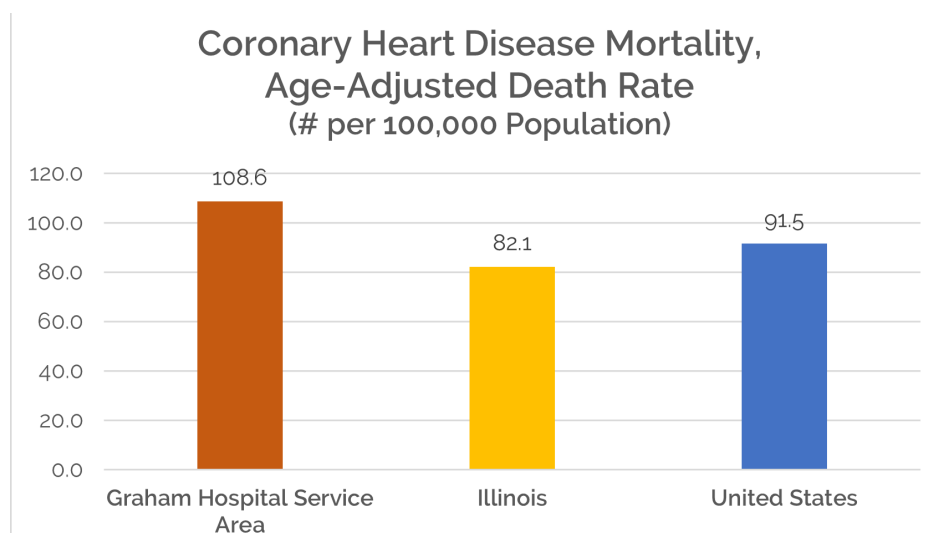


Mortality – Coronary Heart Disease

This indicator reports the 2016-2020 five-year average rate of death due to coronary heart disease (ICD10 Codes I20-I25) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are summarized for service areas from county level data, only where data is available. This indicator is relevant because coronary heart disease is a leading cause of death in the United States. Within the report area, there are a total of 405 deaths due to coronary heart disease. This represents an age-adjusted death rate of 108.6 per every 100,000 total population. *Note: Data are suppressed for counties with fewer than 20 deaths in the timeframe.*

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
2022 Graham Hospital Service Area	48,739	405	166.1	108.6
Fulton County, IL	34,704	312	179.8	113.5
Knox County, IL	50,088	474	189.3	115.9
McDonough County, IL	30,150	206	136.7	98.9
Mason County, IL	13,464	88	130.7	79.2
Peoria County, IL	181,094	1,053	116.3	90.6
Schuyler County, IL	6,874	58	168.8	109.6
Warren County, IL	17,023	192	225.6	151.7
Illinois	12,720,799	64,237	101.0	82.1
United States	326,747,554	1,838,830	112.5	91.5

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



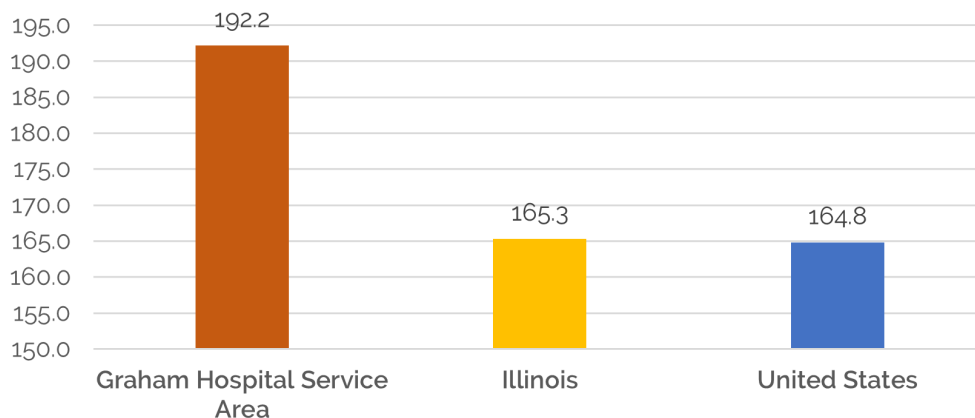
Mortality – Heart Disease

This indicator reports the 2016-2020 five-year average rate of death due to heart disease (ICD10 Codes I00-109, I11, I13, I20-151) per 100,000 population. This indicator is relevant because heart disease is a leading cause of death in the United States. Within the report area, there are a total of 717 deaths due to heart disease. This represents an age-adjusted death rate of 192.2 per every 100,000 total population. *Note: Data are suppressed for counties with fewer than 20 deaths in the timeframe.*

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
2022 Graham Hospital Service Area	48,739	717	294.2	192.2
Fulton County, IL	34,704	544	313.5	197.2
Knox County, IL	50,088	829	331.0	200.6
McDonough County, IL	30,150	389	258.0	190.3
Mason County, IL	13,464	195	289.7	171.5
Peoria County, IL	181,094	2,002	221.1	170.7
Schuyler County, IL	6,874	111	322.9	196.8
Warren County, IL	17,023	289	339.5	231.3
Illinois	12,720,799	129,312	203.3	165.3
United States	326,747,554	3,294,101	201.6	164.8

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

Mortality - Heart Disease, Age-Adjusted Death Rate (# per 100,000 Population)



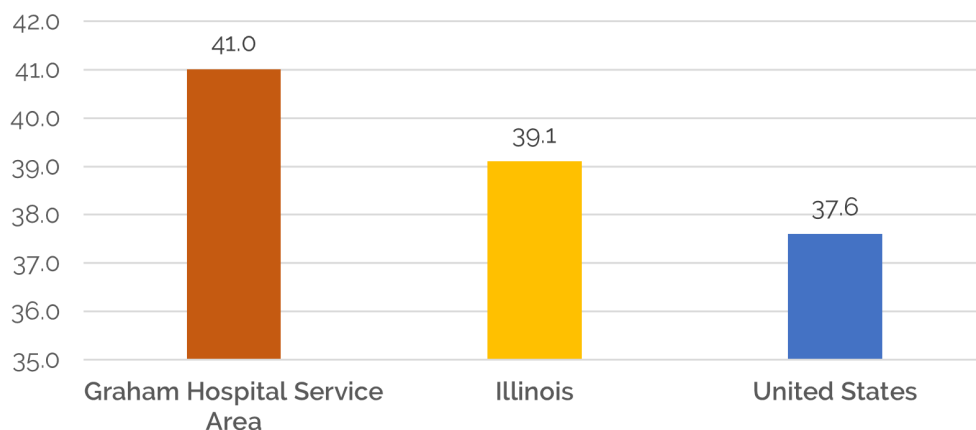
Mortality – Stroke

This indicator reports the 2016-2020 five-year average rate of death due to cerebrovascular disease (stroke) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. This indicator is relevant because stroke is a leading cause of death in the United States. Within the service area, there are a total of 158 deaths due to stroke. This represents an age-adjusted death rate of 41.0 per every 100,000 total population. *Note: Data are suppressed for counties with fewer than 20 deaths in the timeframe.*

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
2022 Graham Hospital Service Area	48,739	158	64.8	41.0
Fulton County, IL	34,704	115	66.3	39.8
Knox County, IL	50,088	161	64.3	38.7
McDonough County, IL	30,150	115	76.3	51.8
Mason County, IL	13,464	49	72.8	42.6
Peoria County, IL	181,094	493	54.5	41.3
Schuyler County, IL	6,874	44	128.0	72.6
Warren County, IL	17,023	49	57.6	38.7
Illinois	12,720,799	30,448	47.9	39.1

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

Mortality - Stroke Age-Adjusted Death Rate (per 100,000 Population)



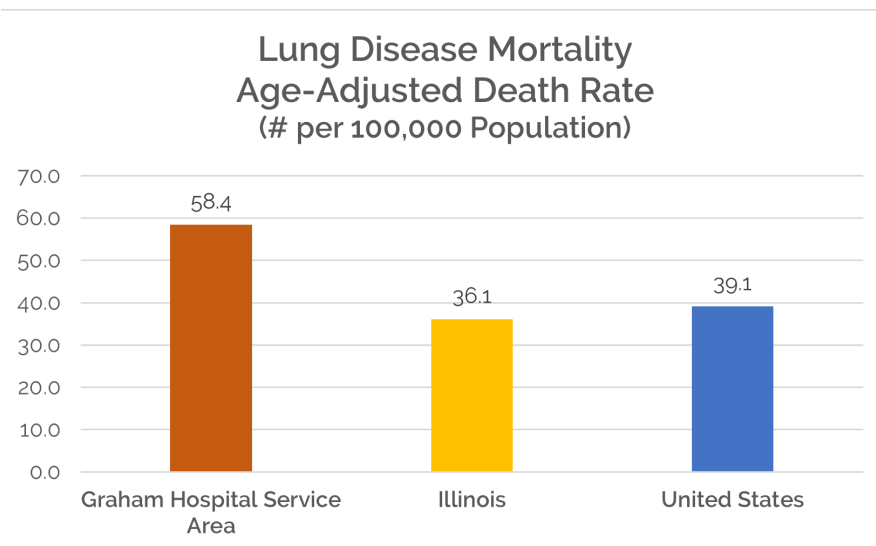
Mortality – Lung Disease

This indicator reports the 2016-2020 five-year average rate of death due to chronic lower respiratory disease per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are summarized for service areas from county level data, only where data is available. This indicator is relevant because lung disease is a leading cause of death in the United States. Within the report area, there are a total of 221 deaths due to heart disease. This represents an age-adjusted death rate of 58.4 per every 100,000 total population.

Note: Data are suppressed for counties with fewer than 20 deaths in the timeframe.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
2022 Graham Hospital Service Area	48,739	221	90.9	58.4
Fulton County, IL	34,704	173	99.7	62.0
Knox County, IL	50,088	298	119.0	73.1
McDonough County, IL	30,150	104	69.0	50.2
Mason County, IL	13,464	67	99.5	59.1
Peoria County, IL	181,094	531	58.6	45.0
Schuyler County, IL	6,874	31	90.2	52.6
Warren County, IL	17,023	79	92.8	63.5
Illinois	12,720,799	27,972	44.0	36.1
United States	326,747,554	783,919	48.0	39.1

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



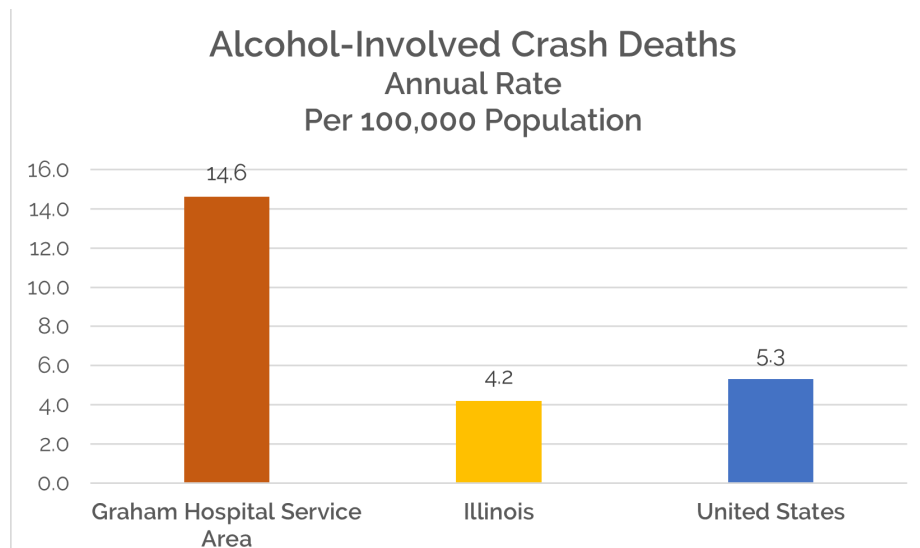
SUBSTANCE USE

Mortality – Motor Vehicle Crash (Alcohol-Involved)

Motor vehicle crash deaths are preventable and are a leading cause of death among young persons. This indicator reports the crude rate of persons killed in motor vehicle crashes involving alcohol as a rate per 100,000 population. Fatality counts are based on the location of the crash and not the decedent's residence. Within the service area, there are a total of 43 deaths due to motor vehicle crash. This represents an age-adjusted death rate of 14.6 per every 100,000 total population.

Report Area	Total Population (2010)	Alcohol-Involved Crash Deaths (2015-2019)	Alcohol-Involved Crash Deaths, Annual Rate per 100,000 Population
2022 Graham Hospital Service Area	294,058	43	14.6
Fulton County, IL	37,069	12	10.8
Knox County, IL	52,919	10	6.3
McDonough County, IL	32,612	3	3.1
Mason County, IL	14,666	2	4.5
Peoria County, IL	186,494	29	5.2
Schuyler County, IL	7,544	1	4.4
Warren County, IL	17,707	5	9.4
Illinois	12,830,632	1,618	4.2
United States	312,443,997	49,522	5.3

Note: This indicator is compared to the state average. Data Source: U.S. Department of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System, 2015-2019. Source geography: Address



Chronic Conditions – Adult

Chronic Obstructive Pulmonary 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 chronic obstructive pulmonary disease (COPD), emphysema, or chronic bronchitis. Within the service area, there were 8.9% of adults 18 and older who reported having chronic obstructive pulmonary disease of the total population.

Report Area	Total Population (2019)	Percentage of Adults Ever Diagnosed with Chronic Lower Respiratory Disease
2022 Graham Hospital Service Area	51,772	8.9%
Fulton County, IL	34,340	8.90%
Knox County, IL	49,699	9.10%
McDonough County, IL	29,682	7.40%
Mason County, IL	13,359	9.70%
Peoria County, IL	179,179	7.30%
Schuyler County, IL	6,768	9.30%
Warren County, IL	16,844	7.80%
Illinois	12,671,821	6.08%

Kidney Disease (Adult)

This indicator reports the number and percentage of adults age 18 and older who report ever having been told by a doctor, nurse, or other health professional that they have kidney disease.

Report Area	Total Population (2019)	Percentage of Adults Ever Diagnosed with Kidney Disease
2022 Graham Hospital Service Area	51,772	3.3%
Fulton County, IL	34,340	3.40%
Knox County, IL	49,699	3.60%
McDonough County, IL	29,682	3.00%
Mason County, IL	13,359	3.50%
Peoria County, IL	179,179	3.20%
Schuyler County, IL	6,768	3.60%
Warren County, IL	16,844	3.20%
Illinois	12,671,821	2.89%
United States	328,239,523	3.10%

Heart Disease (Adult)

This indicator reports the percentage of adults age 18 and older who report ever having been told by a doctor, nurse, or other health professional that they had angina or coronary heart disease. In the service area, there were 7.6% of adults 18 and older who reported having coronary heart disease of the total population.

Report Area	Total Population (2019)	Adults Ever Diagnosed with Coronary Heart Disease (Crude)	Adults Ever Diagnosed with Coronary Heart Disease (Age-Adjusted)
2022 Graham Hospital Service Area	51,772	7.6%	No data
Fulton County, IL	34,340	7.90%	6.10%
Knox County, IL	49,699	8.20%	6.30%
McDonough County, IL	29,682	6.60%	6.10%
Mason County, IL	13,359	8.60%	6.20%
Peoria County, IL	179,179	6.60%	5.60%
Schuyler County, IL	6,768	8.50%	6.20%
Warren County, IL	16,844	7.20%	5.80%
Illinois	12,671,821	5.73%	5.17%
United States	328,239,523	6.20%	5.40%

High Blood Pressure (Adult)

This table presents the percentage of adults ever diagnosed with high blood pressure. Within the service area, there were 36.4% of adults 18 and older who reported having high blood pressure of the total population.

Report Area	Total Population (2019)	Percentage of Adults with High Blood Pressure
2022 Graham Hospital Service Area	51,772	36.4%
Fulton County, IL	34,340	37.10%
Knox County, IL	49,699	37.00%
McDonough County, IL	29,682	31.60%
Mason County, IL	13,359	38.90%
Peoria County, IL	179,179	34.60%
Schuyler County, IL	6,768	38.70%
Warren County, IL	16,844	33.80%
Illinois	12,671,821	31.2%
United States	328,239,523	32.6%

MENTAL AND BEHAVIORAL HEALTH

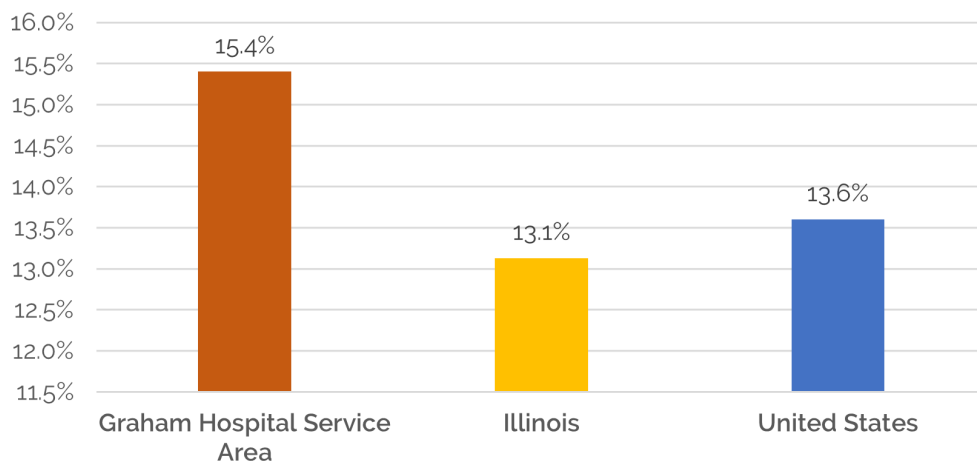
Poor or Fair Mental Health

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. Data were from the 2019 Behavioral Risk Factor Surveillance System (BRFSS) annual survey. Within the report area, there were 15.4% of adults 18 and older who reported poor mental health in the past month of the total population.

Report Area	Total Population (2019)	Adults with Poor Mental Health (Crude)	Adults with Poor Mental Health (Age-Adjusted)
2022 Graham Hospital Service Area	51,772	15.4%	No data
Fulton County, IL	34,340	14.70%	15.70%
Knox County, IL	49,699	15.10%	16.10%
McDonough County, IL	29,682	15.90%	15.80%
Mason County, IL	13,359	15.00%	16.50%
Peoria County, IL	179,179	14.10%	14.60%
Schuyler County, IL	6,768	14.40%	15.80%
Warren County, IL	16,844	14.40%	15.00%
Illinois	12,671,821	13.13%	13.37%
United States	328,239,523	13.60%	13.90%

Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention: Behavioral Risk Factor Surveillance System. Accessed via the 500 Cities Data Portal, 2019. Source geography: Tract

Adults with Poor Mental Health (Percentage of Adults over Age 18)

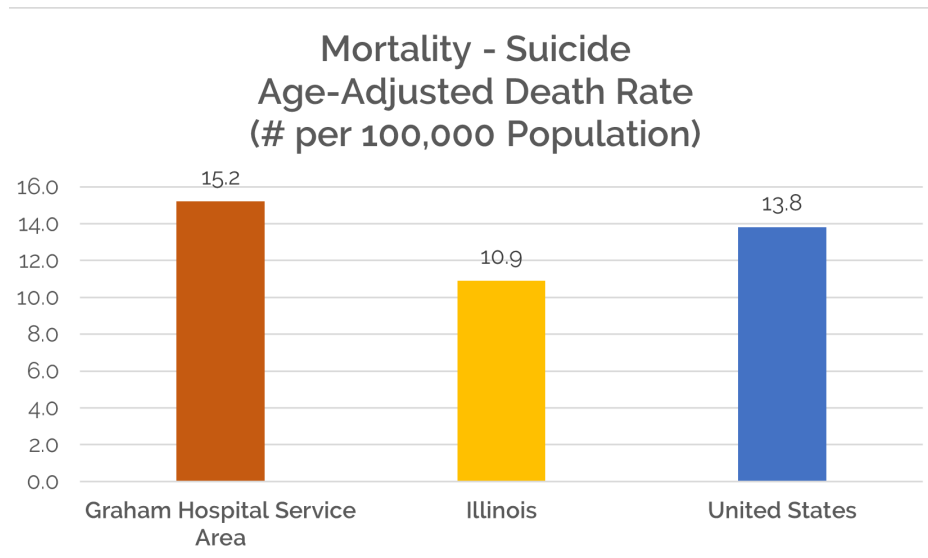


Mortality – Suicide

This indicator reports the 2016-2020 five-year average rate of death due to intentional self-harm (suicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are summarized for service areas from county level data, only where data is available. This indicator is relevant because suicide is an indicator of poor mental health. Within the service area, there are a total of 41 deaths due to suicide. This represents an age-adjusted death rate of 15.2 per every 100,000 total population. *Note: Data are suppressed for counties with fewer than 20 deaths in the timeframe.*

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
2022 Graham Hospital Service Area	48,739	41	16.7	15.2
Fulton County, IL	34,704	30	17.3	15.2
Knox County, IL	50,088	36	14.4	14.3
McDonough County, IL	30,150	21	13.9	14.6
Mason County, IL	13,464	15	No data	No data
Peoria County, IL	181,094	137	15.1	15.2
Schuyler County, IL	6,874	No data	No data	No data
Warren County, IL	17,023	10	No data	No data
Illinois	12,720,799	7,178	11.3	10.9
United States	326,747,554	233,972	14.3	13.8

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



DIVERSITY AND MINORITY HEALTH STATUS

Population in Poverty Race Alone, Percent

This indicator reports the average (population weighted) Area Deprivation Index (ADI) for the selected area. The ADI ranks neighborhoods and communities relative to all neighborhoods across the nation (National Percentile) or relative to other neighborhoods within just one state (state percentile). The ADI is calculated based on 17 measures related to four primary domains (education; income and employment; housing; and household characteristics). The overall scores are measured on a scale of 1 to 100 where 1 indicates the lowest level of deprivation (least disadvantaged) and 100 is the highest level of deprivation (most disadvantaged). This indicator reports the percentage of population in poverty in the service area by race alone.

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Graham Hospital Service Area	14.53%	18.83%	0.00%	6.76%	0.00%	27.37%	14.52%
Fulton County, IL	14.68%	20.00%	0.00%	33.33%	0.00%	0.00%	19.61%
Knox County, IL	14.39%	61.67%	5.60%	17.32%	No data	39.31%	22.52%
McDonough County, IL	21.13%	49.83%	47.62%	33.44%	No data	72.90%	5.56%
Mason County, IL	13.59%	52.86%	50.00%	0.00%	No data	97.83%	26.26%
Peoria County, IL	10.61%	35.78%	6.41%	7.36%	0.00%	23.87%	24.48%
Schuyler County, IL	14.88%	51.40%	0.00%	No data	No data	No data	77.89%
Warren County, IL	12.70%	12.42%	0.00%	4.44%	No data	18.22%	24.23%
Illinois	9.41%	26.10%	16.40%	10.85%	12.62%	17.46%	15.95%
United States	11.15%	23.04%	24.86%	10.94%	17.51%	21.04%	16.66%

EMERGENCY PREPAREDNESS

Graham Health System works with the US-HHS ASPR, the Illinois Department of Public Health, county health departments, the Illinois Emergency Management Agency, and other state, regional, and local partners to plan, exercise, and equip for emergency preparedness and to ensure the ability to address a wide range of potential emergencies, ranging from disasters of all causes to pandemics and terrorism. Graham Health System utilizes ambulance services from the Fulton County Emergency Medical Association and other surrounding areas.





Availability of Mental Health and Substance Abuse Services



Improve Health Education and Health Services in Local Schools



Address Issues Related to Homelessness

IDENTIFICATION AND PRIORITIZATION OF NEEDS

PROCESS

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

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

DESCRIPTION OF THE COMMUNITY HEALTH NEEDS IDENTIFIED

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

1. The group first identified and prioritized availability of mental health services, including:
 - Increasing access to local treatment for mental health services of all types for youth and adults
 - Improving and increasing access to long-term mental healthcare outside the community, including care for substance use disorders
 - Providing community education about available local mental health services
 - Providing local access to a psychiatrist
2. The group next prioritized the need to improve health education and health services in some local schools that are not currently sufficiently staffed to fully meet these needs.
3. The third prioritized need was to address homelessness.







Resources



Partners



Volunteers



Government

RESOURCES AVAILABLE TO MEET PRIORITY HEALTH NEEDS

HOSPITAL RESOURCES

Services at Graham Health System

- Administration
- Nursing Administration
- Senior Administration
- Emergency Room
- Clinic
- Financial support as reasonable and appropriate

HEALTHCARE PARTNERS OR OTHER RESOURCES, INCLUDING TELEMEDICINE

- North Central Behavioral Health Systems
- United Place Community Crisis Center
- Fulton County Health Department
- Tele-psychiatry
- Tele-mental health counseling

COMMUNITY RESOURCES

- Schools
- Canton Union Schools
- Area school districts
- Fulton County Sheriff and other law enforcement agencies
- City of Canton and other local governments
- Faith-based organizations
- Fulton County Housing Authority







Documentation



Online Presence



Comments



Implementation

DOCUMENTING AND COMMUNICATING RESULTS

This CHNA Report will be available to the community on the hospital's public website, www.grahamhealthsystem.org. A hard copy may be reviewed at the hospital by inquiring at the information desk at the main entrance.

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



Availability of Mental Health and Substance Abuse Services



Improve Health Education and Health Services in Local Schools



Address Issues Related to Homelessness

IMPLEMENTATION STRATEGY

PLANNING PROCESS

The results of the assessment process were presented to senior staff through a facilitated discussion for development of a plan to address the identified and prioritized needs on February 23, 2022.

The group reviewed the needs assessment process completed to that point and considered the prioritized significant needs and supporting documents. They recounted some of the steps taken to address previous Community Health Needs Assessments. They also considered internal and external resources potentially available to address the current prioritized needs.

The group then considered each of the prioritized needs. For each of the three prioritized needs, actions the hospital intends to take were identified, along with the anticipated impact of the actions, the resources the hospital intends to commit to the actions, and the external collaborators the hospital plans to cooperate with to address the need. The plan will be evaluated by periodic review of measurable outcome indicators in conjunction with annual review and reporting.

IMPLEMENTATION STRATEGY

The group addressed the needs with the following strategies:

1. Availability of mental health services, including:

- Increasing access to local treatment for mental health services of all types for youth and adults**
- Improving and increasing access to long-term mental healthcare outside the community, including care for substance use disorders**
- Providing community education about available local mental health services**
- Providing local access to a psychiatrist**

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

- Graham Health System will add a mental health nurse practitioner to the professional staff at the clinic
- Graham Health System will collaborate with North Central Behavioral Health Systems to provide a full-time, in-house crisis worker at Graham Health System
- Graham Health System will seek to expand contacts for out-of-the-area referrals for care for persons needing inpatient care for mental health and substance use disorders
- Graham Health System will explore hiring an outpatient Advanced Practice Provider
- Graham Health System will explore tele-psychiatry and tele-mental health counseling
- Graham Health System will collaborate with the Fulton County Health Department and local schools to address mental health needs for youth and community education about availability of local services for youth, adult, and family

Anticipated impacts of these actions:

Graham Hospital anticipates that completing the anticipated hiring of specialized staff along with provider and community collaborations will address, head on, many of the prioritized needs in a relatively short time. The hospital is also optimistic that tele-services could prove to be a reasonable and effective tool to assist in addressing the needs.

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

- Senior Administration
- Emergency Room
- Clinic
- Financial support as reasonable and appropriate

Planned collaboration between the hospital and other facilities:

- Fulton County Health Department
- Schools
- North Central Behavioral Health Systems
- Unity Place Community Crisis Center

2. Improve health education and health services in some local schools that are not currently sufficiently staffed to fully meet these needs.

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

- Graham Health System will collaborate with Canton Union School District to determine needs and develop solutions based on needs of the schools
- Graham Health System will facilitate information-sharing opportunities for school nurses working throughout the service area

Anticipated impacts of these actions:

Graham Health System anticipates that the steps above will substantially address the needs identified by improving resources.

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

- Administration
- Nursing administration

Planned collaboration between the hospital and other facilities:

- Canton Union Schools
- Area school districts
- Fulton County Health Department

3. Address homelessness.

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

Recognizing that this is a community-wide issue and beyond the resources and services of the hospital, Graham Hospital will attempt to form and facilitate a community workgroup of interested agencies, local governments, schools, businesses, and individuals to develop and implement strategies to explore the scope and address this issue.

Anticipated impacts of these actions:

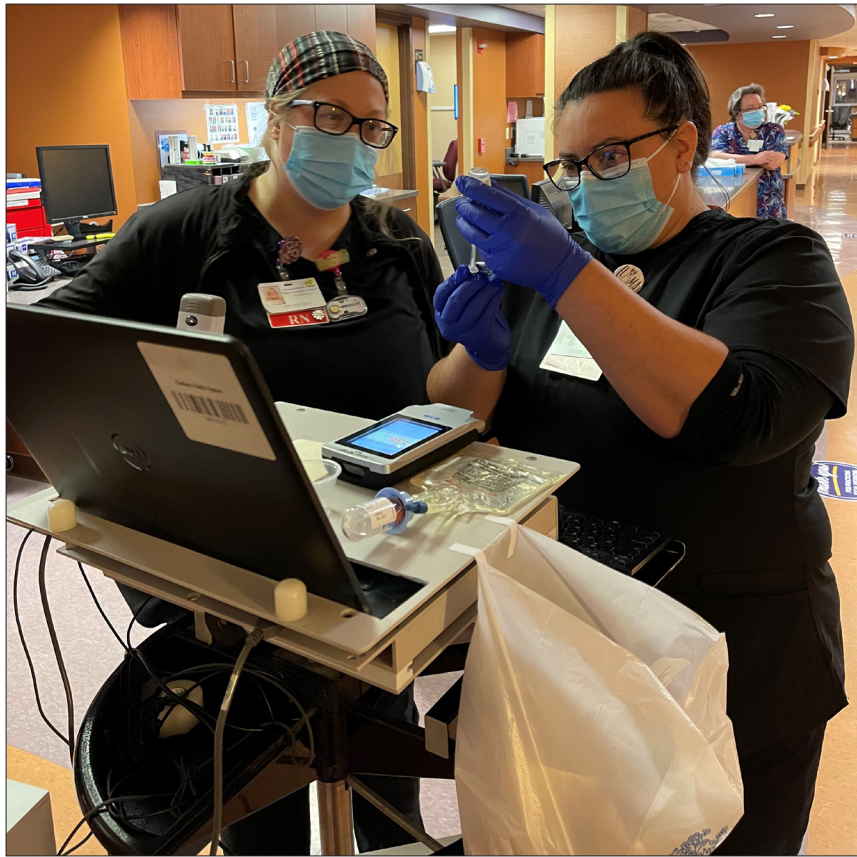
Graham Health System anticipates that a community workgroup will be able to fully assess and address homelessness in our communities through a collaborative effort.

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

- Administration
- Financial resources as reasonable and appropriate

Planned collaboration between the hospital and other facilities:

- Fulton County Sheriff and other law enforcement agencies
- Fulton County Health Department
- City of Canton and other local governments
- Faith-based organizations
- Fulton County Housing Authority





Focus Groups



Administration



Organizations



Business

REFERENCES AND APPENDIX

Focus Group One – Healthcare Providers and Community Leaders

Trygve Meade, Attorney/Proprietor, Meade Law Office

Jeff Standard, Fulton County Sheriff

Carla Bobell, Executive Director, Canton Area Chamber of Commerce

Jed Rhoades, Real Estate & Auction Services

Kathy Lock, President, Graham Hospital Service League

Jeff Utsinger, Assistant Superintendent, Canton Union School District

Jay Shepler, St. Mary's Food Pantry representative

The Rev. Kevin VanTine, Covenant Community Fellowship, Canton

Kent McDowell, Mayor, City of Canton

Diana Pavley-Rock, Canton City Clerk

Focus Group Two – Medical Professionals and Partners

Liz Utsinger, Health Professional/Health Educator, Fulton County Health Department

Katie Lynn, Administrator, Fulton County Health Department

Missy Kolowski, Administrator, Health & Wellness Connection of Fulton County

Erin Anderson, Graham Health System Clinical Social Worker

Andy French, Senior Director, Cardiac Pulmonary Rehab & Wellness

Becky Sherwood, Director, Graham School of Nursing

Wesley Kimbrough, Supervisor, Community Care Services

Kelli Kelley, Coordinator, Community Care Services

Rachel Bundy, Pharmacist, Graham Health System

Identification and Prioritization Group

Erin Anderson, Graham Health System Clinical Social Worker

Jeff Standard, Fulton County Sheriff

Becky Sherwood, Director, Graham School of Nursing

Rachel Bundy, Pharmacist, Graham Health System

Liz Utsinger, Fulton County Health Department

Jay Shepler, St. Mary's Food Pantry

Missy Kolowski, Health & Wellness Connection of Fulton County

Implementation Planning and Strategy Group

Robert Senneff, President & CEO, Graham Health System

Holly Henline, VP Ancillary Services/CCO, Graham Health System

Teresa McConkey, VP Nursing/CNO, Graham Health System

Michelle Daly, VP Clinic Services, Graham Health System

Allison Sours, VP Quality/CIO, Graham Health System

Julie Reeder, VP, Finance/CFO, Graham Health System

NOTES



NOTES





 GRAHAM
HEALTH SYSTEM