

2022

Community Health Needs Assessment



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Early Childhood



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INTRODUCTION

Opened in May, 1955, the 20-bed Hopedale Hospital was the culmination of efforts led by Dr. Lawrence Rossi, Sr., and many volunteer citizens and donors. Dr. Rossi, along with citizens of Hopedale and the surrounding communities, felt it was very important to keep a doctor in Hopedale.

They concluded that the only way to ensure this was to build a hospital. Not long after the 20-bed hospital opened, Dr. Rossi realized that providing a home for elderly patients who needed ongoing medical care made more sense than extending their hospital stay. In 1957, Dr. Rossi opened the 76-bed Hopedale Nursing Home as the first of its kind in the state of Illinois. But Dr. Rossi was not finished.

In 1962, he started an innovative continuum-of-care approach to treating patients when he opened the first assisted living facility (Hopedale House) in central Illinois. The hospital then grew and not long after, the 76-bed nursing home and hospital were transferred to the non-profit charitable Hopedale Medical Foundation.

Before his death in 2001, Dr. Rossi saw a need for preventative and proactive health activities for the members of the community. The Foundation pursued his vision in Hopedale Medical Complex (HMC), as it is known today, and opened the beautiful \$2.5 million HMC Wellness Center on July 4, 2002, dedicating it in Dr. Rossi's memory.

The center includes a walking track, junior Olympic lap pool, cardio equipment, basketball court, and a host of fitness classes and other options which provide its 1,200 members a significant local option for fitness and physical therapy services. It is also the home of a substantial physical therapy and sports medicine rehab unit offering cardiac, pulmonary, and orthopedic rehabilitation.

Recently, Hopedale Medical Complex conducted an acute care upgrade consisting of six new ambulatory surgery suites, six new large hospital rooms, a new surgery waiting area, as well as a new three-suite Emergency Room and Intensive Care Unit. A spacious lobby and atrium were also added, along with a helipad and an upgrade to the Angiography Suite, which was completed in the Operating Room in 2014. HMC has also added several specialty medical services to its suite of offerings.

The foundation's Board is still operating the hospital and is made up of nine local volunteer citizens who have watched HMC grow into a state-of-the-art healthcare destination. The complex now includes a 25-bed critical access hospital, a 51-bed skilled nursing home, 34,000 square foot wellness center, satellite offices in the towns of Delavan, Atlanta, Mackinaw, Manito, and Tremont, and a 70-bed assisted living and independent living facility.



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 58 member hospitals, is an independent network governed by a nine-member board of directors, with standing and project development committees facilitating the overall activities of the network. ICAHN continually strives to strengthen the capacity and viability of its members 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 Hopedale and the surrounding area. The CHNA process was coordinated by the Manager of the Wellness Center at HMC.

Two focus groups met to discuss the state of overall health and wellness in the Hopedale Medical Complex 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, faith-based organizations, local elected officials, public health and others. Several members of the focus groups provided services to underserved and unserved persons as all or part of their roles.

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

IDENTIFICATION AND PRIORITIZATION > ADDRESSING THE NEED

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



1. Improve access to healthy foods and nutrition information across the service area
2. Improve access to targeted education and information about local resources for achieving and maintaining wellness
3. Re-establish communication among community partners post-pandemic
4. Address transportation issues, including transportation to and from primary care and EMS response time
5. Expand chronic care management to reduce hospital visits

The results of the assessment process were then presented to senior staff at Hopedale Medical Complex 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:

- Hopedale Medical Complex will collaborate with local food pantries to offer assistance for coordination of services through the Wellness Center.
- Hopedale Medical Complex will create and maintain a robust library of nutrition information and resources that will be available at a nutrition information station at the Wellness Center.
- Hopedale Medical Complex will utilize its social and print media resources to make more information available about access to healthy foods and nutrition information.
- Hopedale Medical Complex will collaborate with local schools to provide information about local wellness resources for health and wellness for youth.
- Hopedale Medical Complex will continue social and print media efforts to provide information about local wellness resources for health and wellness for youth and adults.
- Hopedale Medical Complex will continue broad social media outreach within the service area.
- Hopedale Medical Complex will continue utilizing a newsletter to inform the community and partner organizations of developments and opportunities at HMC.
- Hopedale Medical Complex will update and re-establish lines of communication with partner organizations.
- Hopedale Medical Complex will explore potential transportation solutions with local partners and through the Illinois Critical Access Hospital Network (ICAHN).
- Hopedale Medical Complex will continue and expand critical care management based on review of progress and impact and needs analysis.

BACKGROUND

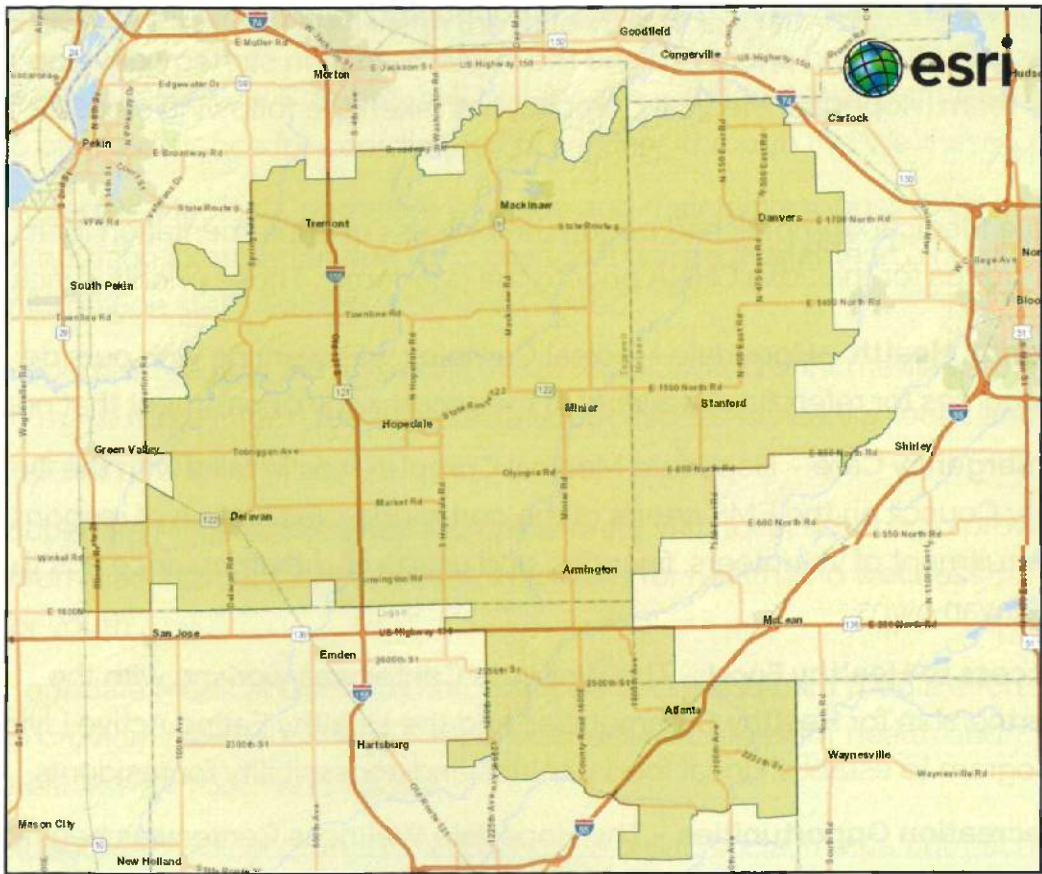
The Community Health Needs process is conducted every three years. In response to issues identified and prioritized and the implementation strategy developed to address them, Hopedale Medical Complex has taken the following steps since the last CHNA.

Hopedale Medical Complex had begun the process of implementation for its five-priority groups for the 2019 CHNA prior to the pandemic. Those priorities included:

- 1. Mental Health** – Hopedale Medical Complex was working with outside resources for referrals of patients in the emergency department that need care.
- 2. Emergency Care** – Hopedale Medical Complex was in talks with the Delavan City Council on the EMS needs of the community, facilitation of response, recruitment of volunteers, finances, and usage of the ambulance rigs that Delavan owns.
- 3. Access to Healthy Food** – The Wellness Center was working with the Partnership for Healthy Communities and the Healthy Eating Active Living Program to establish local food pantries and accessibility for residents.
- 4. Recreation Opportunities** – The Hopedale Wellness Center was beginning to implement more recreational and fitness activities targeting families and health.
- 5. Access to Medical Care** – Hopedale Medical Complex has educational materials regarding medical care and HMC's response to fiscal situations. Additionally, there is a specialist that takes calls to answer questions from patients or potential patients.

The implementation strategies for each of our priority groups was significantly impacted by the COVID-19 pandemic. The mitigation regulations as directed by local, state, and federal authorities required Hopedale Medical Complex to cease programs, implement health and safety strategies, and redirect all resources to managing COVID during this cycle.

AREA SERVED BY Hopedale Medical Complex



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

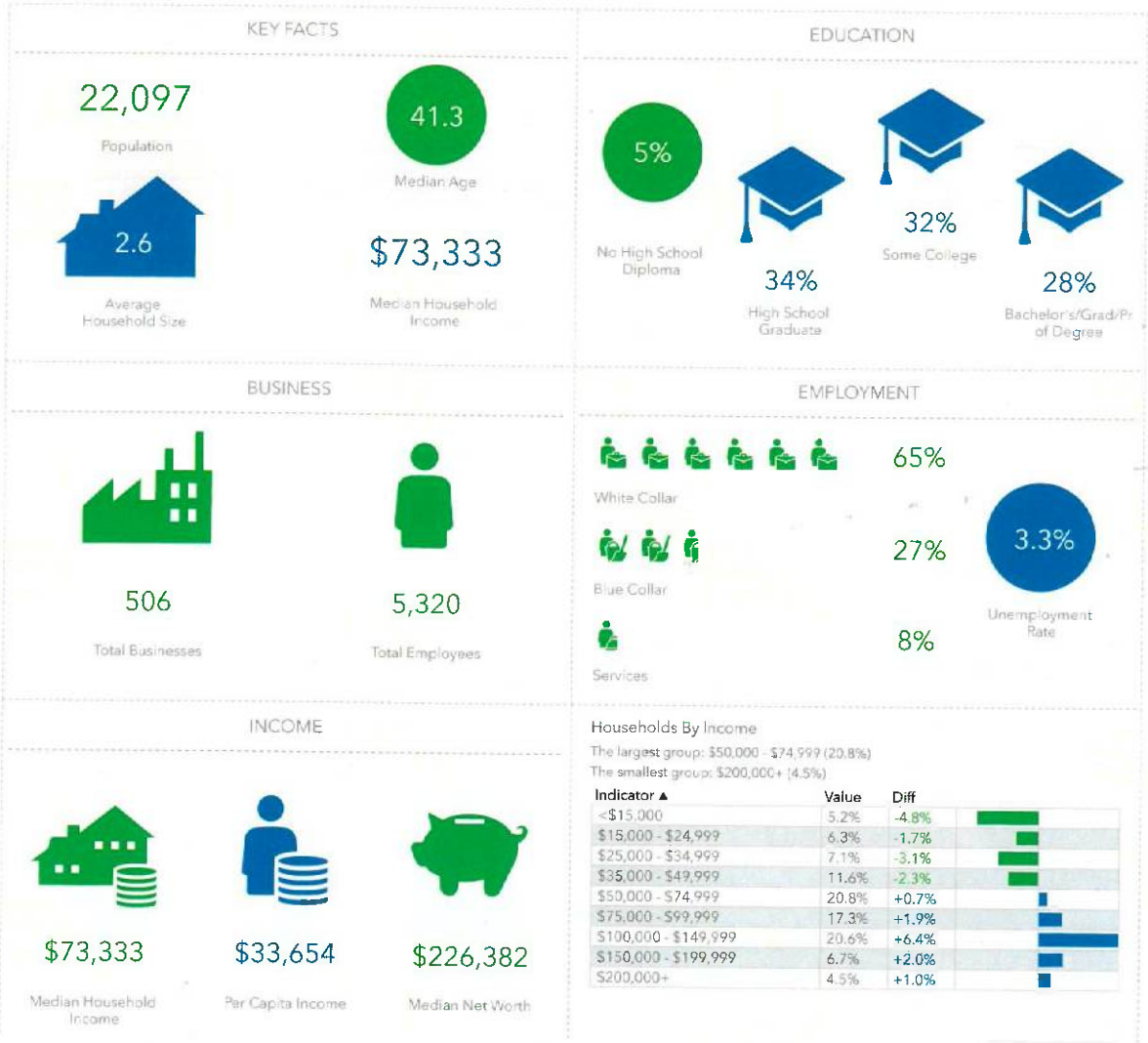
A total of 21,220 people live in the 460.17 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2015-19 5-year estimates. The population density for this area, estimated at 46 persons per square mile, is less than the national average population density of 92 persons per square mile.

Hopedale
Minier
Tremont

Stanford
Delavan
Danvers

Mackinaw
Atlanta

Hopedale Medical Complex Service Area – Key Facts



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

The average household size of the area, at 2.6, is lower than Illinois (3.00) and higher than the U.S. (2.50). Median age is 41.3 years, which is higher than Illinois (38.6) and the U.S. (38.0). The largest education segment is high school graduate, followed by some college.

The unemployment rate of 3.3% is lower than both Illinois (4.6%) and the U.S. (3.6%) Also, median family household income in the service area is higher than both Illinois' median family household income (\$65,886) and the U.S. (\$61,937).

LOCAL IMPACT OF COVID as of 6/1/2022

Adults Fully Vaccinated for COVID-19

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 6/1/2022.

Report Area	Percent of Adults Fully Vaccinated	Estimated Percent of Adults Hesitant About Receiving COVID-19 Vaccination
Hopedale Medical Complex Service Area	68.41%	8.89%
Logan County, IL	62.40%	9.86%
McLean County, IL	70.80%	7.82%
Tazewell County, IL	69.30%	8.94%
Illinois	76.41%	7.95%
United States	73.46%	10.29%

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, 2022. Source geography: County

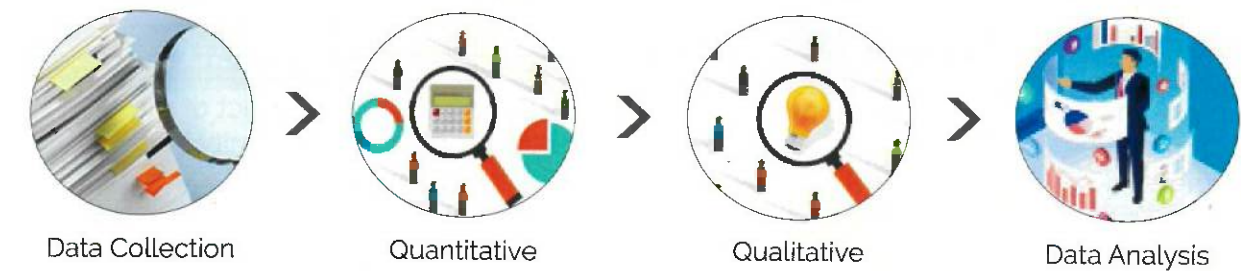
In the service area, there have been 87 total deaths among patients with confirmed cases of the coronavirus disease COVID-19. Data are current as of 6/1/2022.

Report Area	Total Population	Total Deaths
Logan County, IL	28,925	87
McLean County, IL	172,828	297
Tazewell County, IL	132,328	472
Illinois	12,741,080	33,814
United States	326,262,499	988,846

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





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 Hopedale Medical Complex on March 1, 2022. The groups included representation of healthcare providers, community leaders, community services providers, schools, faith-based organizations, local elected officials, public health, and others. Multiple members of the groups 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 Hopedale Medical Complex, the groups put forward the following:

Focus Groups

- Growth of the pain management clinic at Hopedale Medical Complex
- Collaboration among Hopedale Medical Complex and its partner agencies has improved
- Tazewell County Health Department is working to achieve better birth outcomes
- Food access across the area has improved due to collaboration and innovation
- Service lines at Hopedale Medical Complex have increased, allowing better local access to more services
- Improved access to child care through the new after-school program at Mackinaw
- Stigma surrounding rural healthcare has diminished as rural healthcare facilities practice more innovation
- The 4-H program has started local mini-food pantries
- There is better collaboration to address poverty and mental health issues among youth

- COVID funds have allowed schools to better address significant mental health needs among youth
- Hopedale Medical Complex is continuing to increase local access to specialists
- Hopedale Medical Complex has improved communications about available local health services
- Hopedale Medical Complex, local agencies, not-for-profits, faith-based organizations, local governments, and others have cooperated to address local needs
- Collaboration among Hopedale Medical Complex and area schools for sports medicine and wellness is strong and still improving
- Hopedale Medical Complex is providing prompt outpatient services
- Hopedale Medical Complex opened the Tremont Medical Arts Building, increasing access in the Tremont area
- Opening of the Share Closet in Tremont
- COVID funding has allowed collaborating agencies and groups to provide and improve local community services
- Access to services and programs for seniors at the Hopedale Medical Complex Wellness Center has improved
- Communication through technology is improving and growing
- Assisted living is providing opportunities for local care

The groups were also each asked to discuss local needs in wellness, health, delivery of healthcare and health services. The group responded with the following:

- Improve easy local access to affordable physical and mental healthcare for families
- Increase local access to affordable broadband
- Identify and develop existing local wellness resources
- Local obstetrics services and delivery units
- Recruiting and retaining medical staff at local hospitals, especially small hospitals

- Staffing and support for local EMS
- Public transportation across the area that is flexible enough to get people to medical appointments and services
- Community education and resources around mental health issues to promote awareness
- Addressing substance use and substance use disorders at all levels, especially self-medicating
- Parenting skills education and support
- Nutrition education targeted at youth
- Improve local access to affordable care by improving community understanding about insurance and government programs
- Local services for long-term memory care
- Expand local services for veterans
- Improve local access to care for the underinsured and uninsured
- Improve local access to mental health services
- Education about vaping for local youth
- Improve community education about available local services
- Improve ambulance staffing and services for local emergency response and transport out-of-the-area
- Affordable housing
- Housing security
- Local health services in the Stanford area
- Improve local broadband access
- Improve ambulance emergency response time
- Improve community respect for rural healthcare
- Improve Hopedale Medical Complex's information and outreach to communities beyond Hopedale
- Expand use of social media by Hopedale Medical Complex



Age Group



Ethnicity



Race



Disability

DATA ANALYSIS

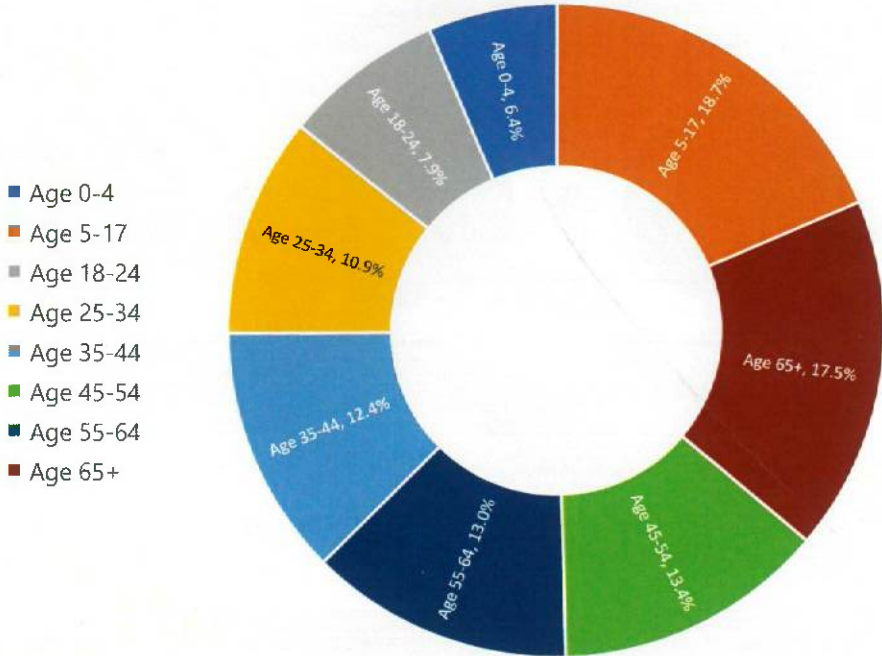
DEMOGRAPHICS

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+
Hopedale Medical Complex Service Area	1,351	3,969	1,676	2,312	2,633	2,846	2,762	3,722
Logan County, IL	1,529	3,998	3,153	3,830	3,497	3,630	3,927	5,254
McLean County, IL	10,107	26,944	30,111	22,213	20,694	19,509	19,845	22,741
Tazewell County, IL	7,578	22,454	9,594	15,845	17,065	16,900	18,205	24,883
Illinois	755,518	2,099,915	1,174,031	1,763,829	1,638,700	1,636,992	1,656,753	1,990,426
United States	19,650,192	53,646,546	30,435,736	45,485,165	41,346,677	41,540,736	42,101,439	52,362,817

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

Total Population by Age Groups, Hopedale Medical Complex 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
Hopedale Medical Complex Service Area	21,271	723	3.40%	20,548	96.60%
Logan County, IL	28,818	997	3.46%	27,821	96.54%
McLean County, IL	172,164	8,690	5.05%	163,474	94.95%
Tazewell County, IL	132,524	3,201	2.42%	129,323	97.58%
Illinois	12,716,164	2,190,696	17.23%	10,525,468	82.77%
United States	326,569,308	59,361,020	18.18%	267,208,288	81.82%

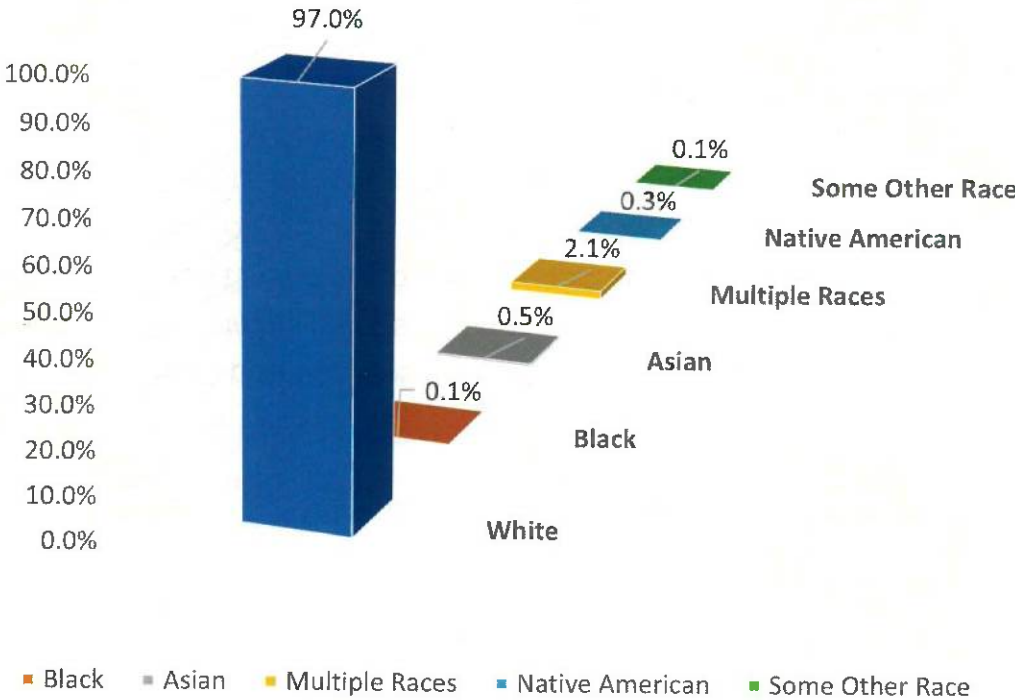
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

Total Population by Race Alone

Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Hopedale Medical Complex Service Area	549	0	63	5	5	8	93
Logan County, IL	754	9	0	23	5	105	101
McLean County, IL	6,165	196	43	92	4	998	1,192
Tazewell County, IL	2,294	0	92	5	6	408	396
Illinois	1,136,608	30,074	7,110	20,671	1,891	732,299	262,043
United States	33,709,438	1,232,731	237,455	612,762	61,324	15,766,310	7,741,000

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

Total Population by Race Alone, Hopedale Medical Complex Service Area



Total Population

A total of 21,271 people live in the 460.17 square mile service area defined for this assessment, according to the U.S. Census Bureau American Community Survey 2016-20 5-year estimates. The population density for this area, estimated at 46 persons per square mile, is less than the national average population density of 92 persons per square mile.

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Hopedale Medical Complex Service Area	21,271	460.17	46
Logan County, IL	28,818	618.05	47
McLean County, IL	172,164	1,183.25	146
Tazewell County, IL	132,524	646.47	205
Illinois	12,716,164	55,513.17	229
United States	326,569,308	3,533,038.14	92

Population with any Disability

This indicator reports the percentage of the total civilian non-institutionalized population with a disability. The service area has a total population of 21,144 for whom disability status has been determined, of which 2,412 or 11.41% 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
Hopedale Medical Complex Service Area	21,144	2,412	11.41%
Logan County, IL	25,689	3,940	15.34%
McLean County, IL	171,049	16,492	9.64%
Tazewell County, IL	130,201	16,116	12.38%
Illinois	12,536,614	1,404,151	11.20%
United States	321,525,041	40,786,461	12.69%

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

SOCIAL DETERMINANTS OF HEALTH

The data and discussion on the following pages will take a look into the social determinants in the Hopedale Medical Complex service area and will offer insight into the complexity of circumstances that impact physical and mental wellness for the Hopedale Medical Complex audience. The infographic on Page 29 provides a snapshot of the at-risk population served by Hopedale Medical Complex.

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:

- 1,782 households with disability
- 528 households below the poverty level (7%)
- Median household income is \$73,333 which is higher than both Illinois and the U.S.

Veteran Population

This indicator reports the percentage of the population age 18 and older that served (even for a short time), but is not currently serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard, or that served in the U.S. Merchant Marine during World War II. Of the 15,912 population of the service area, 1,460 or 9.18% are veterans.

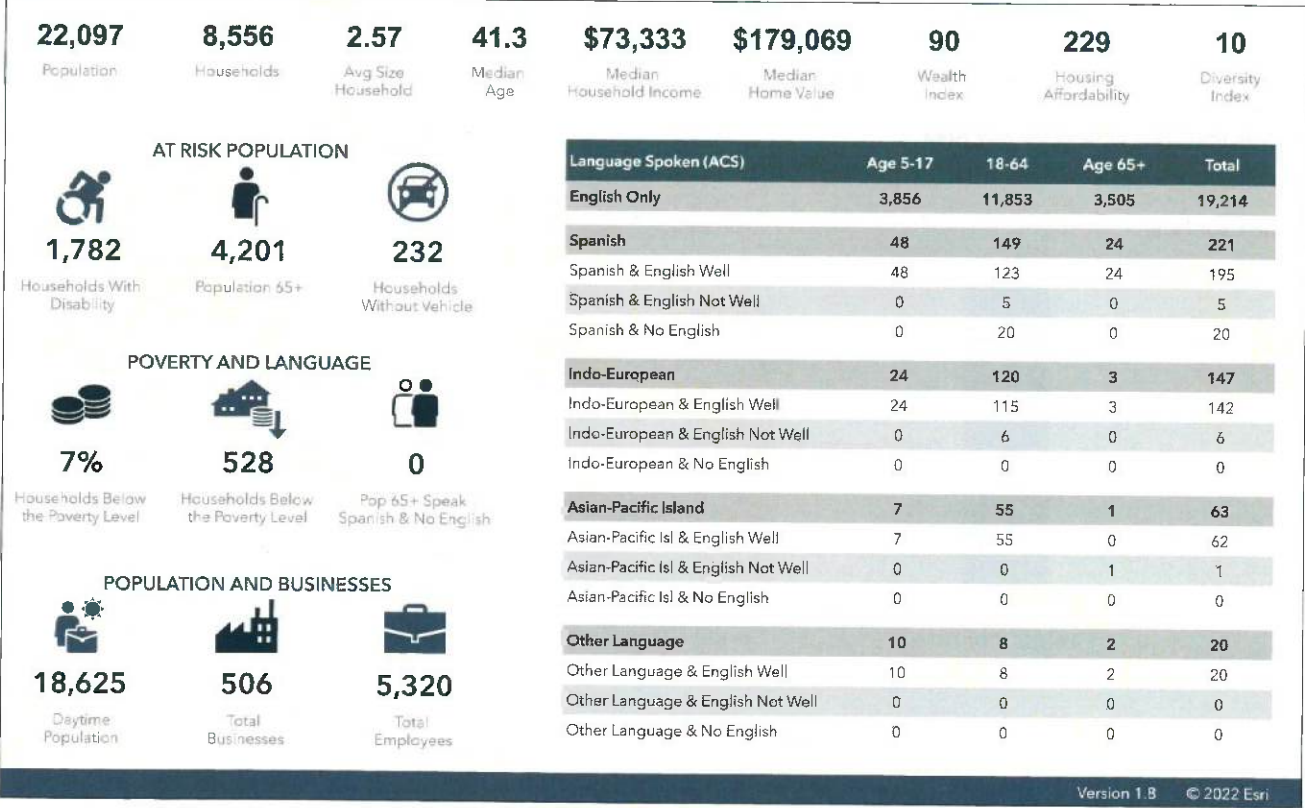
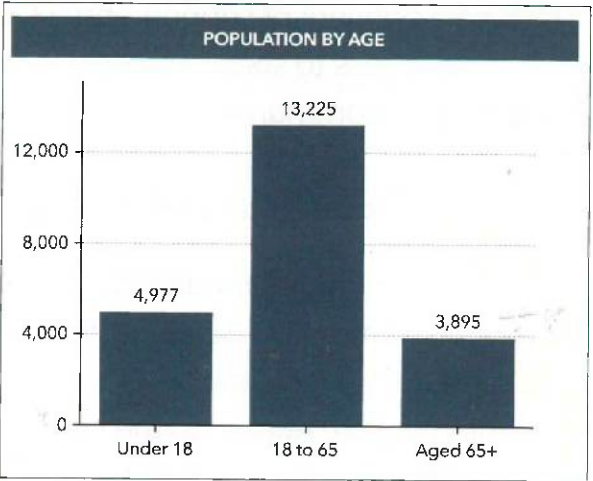
Report Area	Total Population Age 18+	Total Veterans	Veterans, Percent of Total Population
Hopedale Medical Complex Service Area	15,912	1,460	9.18%
Logan County, IL	23,286	1,634	7.02%
McLean County, IL	135,038	8,171	6.05%
Tazewell County, IL	102,392	8,458	8.26%
Illinois	9,842,595	553,593	5.62%
United States	252,130,477	17,835,456	7.07%

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

Hopedale Medical Complex Service Area

AT RISK POPULATION PROFILE

Geography: County



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
Hopedale Medical Complex Service Area	8,152	\$90,565	No data
Logan County, IL	10,958	\$76,935	\$58,122
McLean County, IL	66,225	\$87,885	\$68,037
Tazewell County, IL	53,997	\$82,174	\$66,220
Illinois	4,884,061	\$95,115	\$68,428
United States	122,354,219	\$91,547	\$64,994

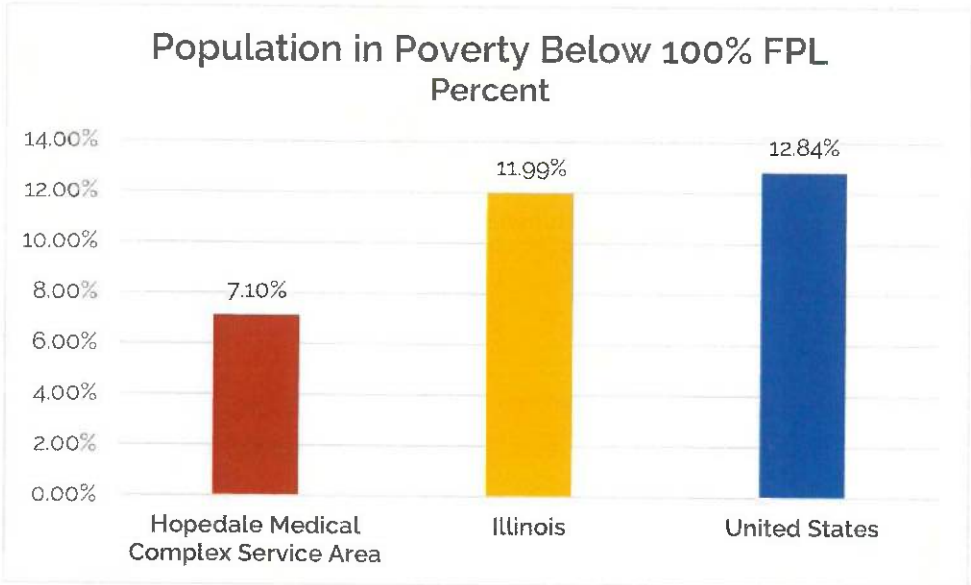
Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

Poverty – Population Below 100% FPL

Poverty is considered a key driver of health status. Within the service area, 7.10% or 1,498 individuals for whom poverty status is determined are living in household with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status. *Note: The total population measurements for poverty are lower, as poverty data collection does not include people in group*

Report Area	Total Population	Population in Poverty	Population in Poverty, Percent
Hopedale Medical Complex Service Area	21,102	1,498	7.10%
Logan County, IL	24,912	2,515	10.10%
McLean County, IL	163,631	24,942	15.24%
Tazewell County, IL	129,697	11,144	8.59%
Illinois	12,418,504	1,488,670	11.99%
United States	318,564,128	40,910,326	12.84%

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

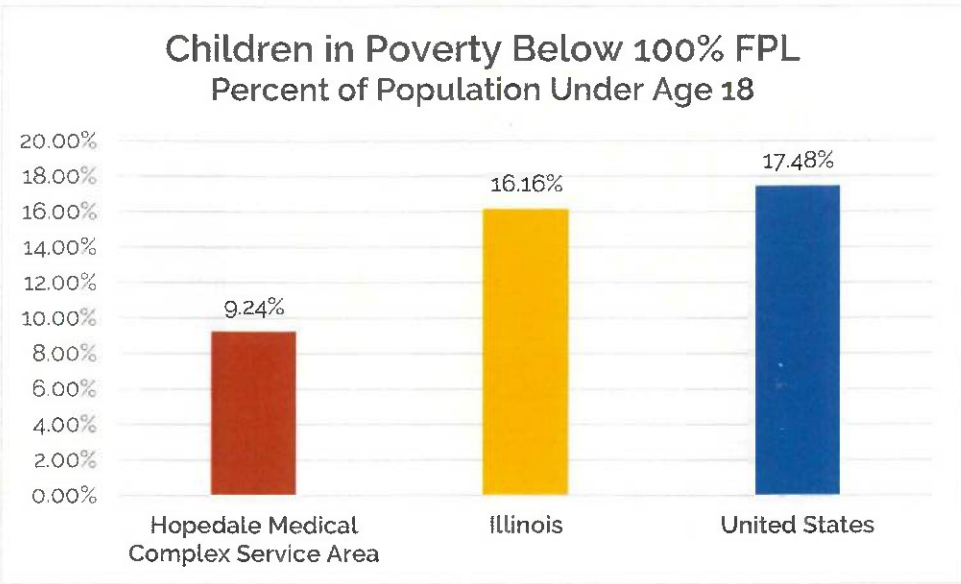


Poverty – Children Below 100% FPL

In the service area, 9.24% or 484 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
Hopedale Medical Complex Service Area	21,102	5,237	484	9.24%
Logan County, IL	24,912	5,489	739	13.46%
McLean County, IL	163,631	36,501	4,278	11.72%
Tazewell County, IL	129,697	29,549	2,848	9.64%
Illinois	12,418,504	2,813,715	454,654	16.16%
United States	318,564,128	72,065,774	12,598,699	17.48%

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

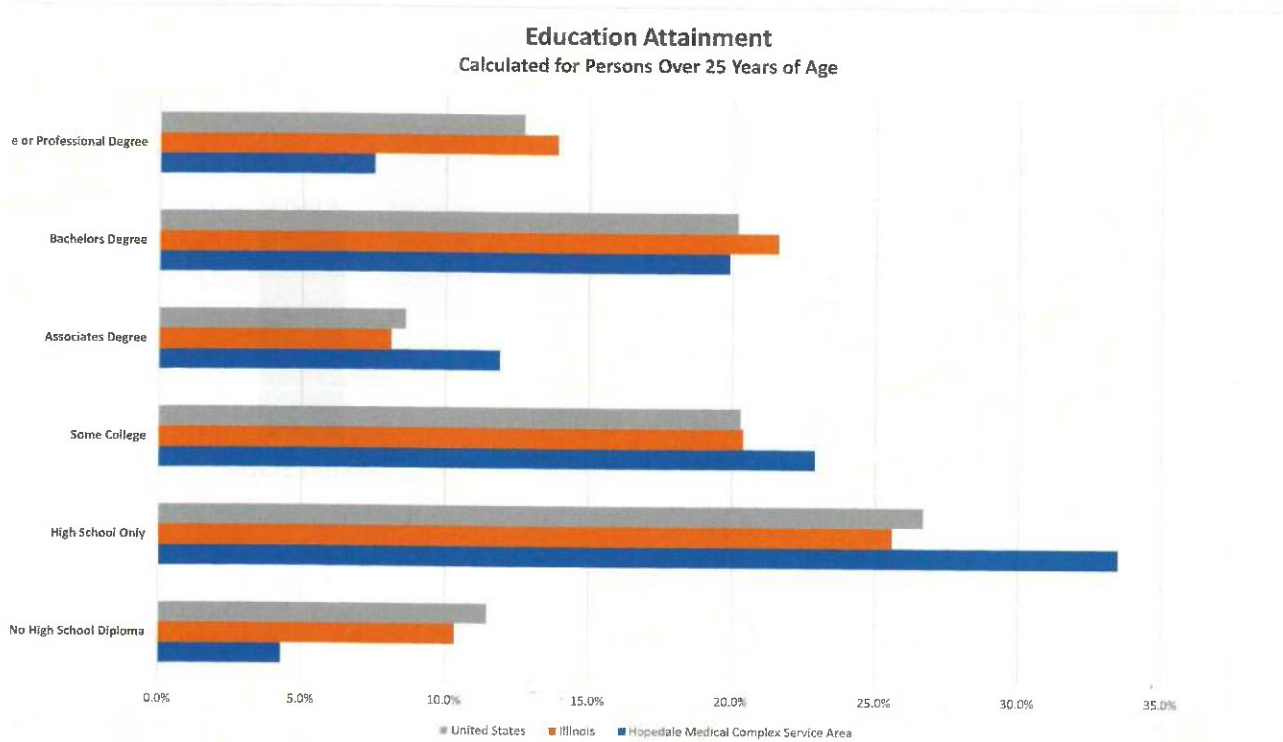


Education Attainment

This category contains indicators that describe the education system and the educational outcomes of the service area populations. Education metrics can be used to describe variation in population access, proficiency, and attainment throughout the education system, from access to pre-kindergarten through advanced degree attainment. These indicators are important because education is closely tied to health outcomes and economic opportunity. Educational attainment is calculated for persons over 25 and is an estimated average for the period from 2016 to 2020. For the service area, 19.9% have at least a college bachelor's degree, while 33.5% stopped their formal educational attainment after high school.

Report Area	No High School Diploma	High School Only	Some College	Associates Degree	Bachelors Degree	Graduate or Professional Degree
Hopedale Medical Complex Service Area	4.3%	33.5%	22.9%	11.9%	19.9%	7.5%
Logan County, IL	10.05%	36.6%	24.6%	9.2%	13.3%	6.3%
McLean County, IL	3.77%	24.1%	19.5%	8.1%	29.4%	15.2%
Tazewell County, IL	6.83%	31.9%	24.1%	11.3%	17.9%	8.1%
Illinois	10.34%	25.6%	20.4%	8.1%	21.6%	13.9%
United States	11.47%	26.7%	20.3%	8.6%	20.2%	12.7%

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

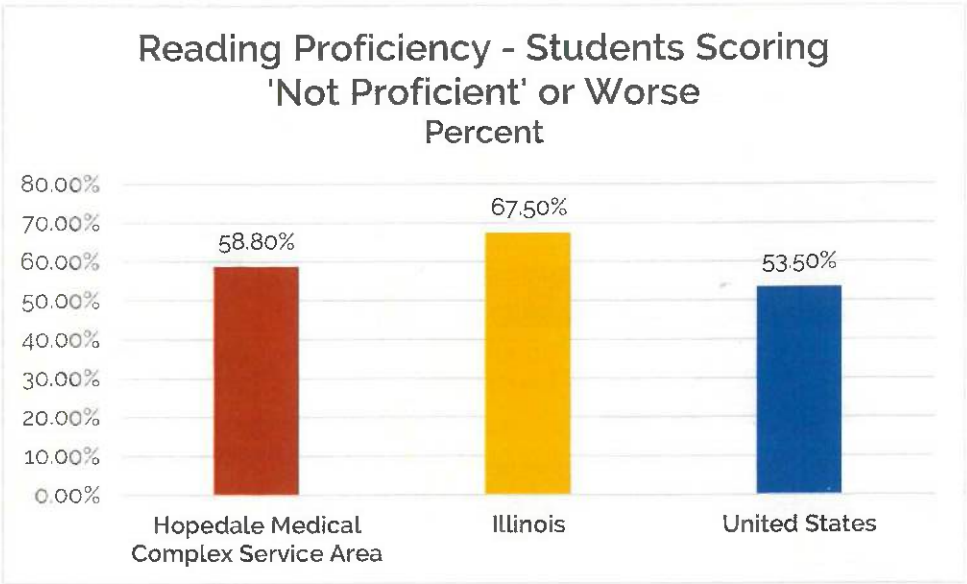


Proficiency – Student Reading Proficiency (4th Grade)

Information about student performance in the 4th grade English Language Arts portion of the state-specific standardized tests are displayed in the table below. Of 914 students tested, 41.2% of 4th graders performed at or above the "proficient" level, and 58.8% tested below the "proficient" level, according to the latest data. Students in the service area tested better than the statewide rate of 32.5%.

Report Area	Students with Valid Test Scores	Students Scoring 'Proficient' or Better, Percent	Students Scoring 'Not Proficient' or Worse, Percent
Hopedale Medical Complex Service Area	914	41.2%	58.8%
Logan County, IL	936	46.0%	54.0%
McLean County, IL	6,048	37.9%	62.1%
Tazewell County, IL	5,169	36.5%	63.5%
Illinois	538,376	32.5%	67.5%
United States	13,385,663	46.5%	53.5%

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

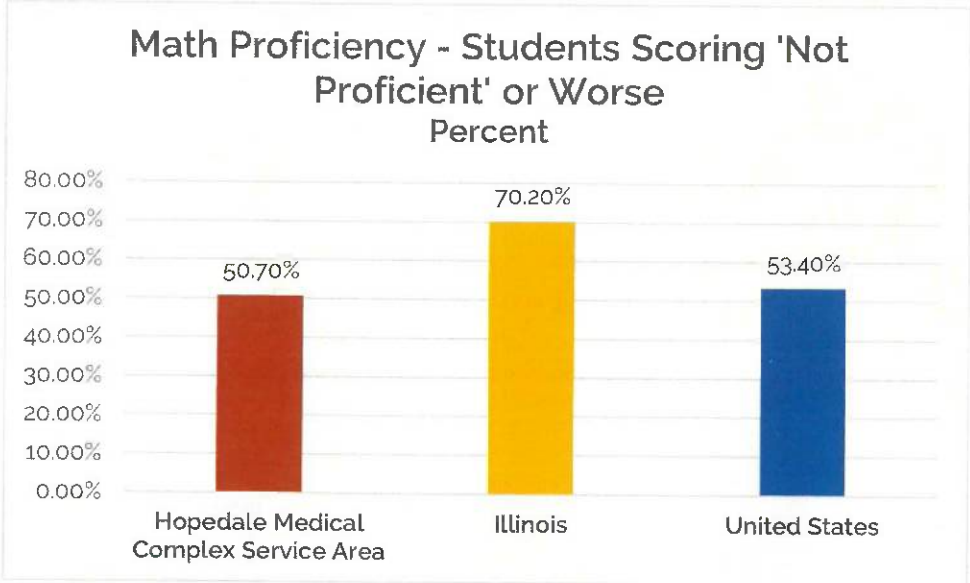


Proficiency – Student Math Proficiency (4th Grade)

Information about student performance in the 4th grade Math portion of the state-specific standardized tests are displayed in the table below. Of 226 students tested, 49.1% of 4th graders performed at or above the "proficient" level, and 50.7% tested below the "proficient" level, according to the latest data. Students in the service area tested better 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
Hopedale Medical Complex Service Area	226	49.1%	50.7%
Logan County, IL	934	40.8%	59.2%
McLean County, IL	6,009	37.2%	62.8%
Tazewell County, IL	5,166	29.5%	70.5%
Illinois	537,672	29.8%	70.2%
United States	13,412,890	46.6%	53.4%

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



Housing and Families

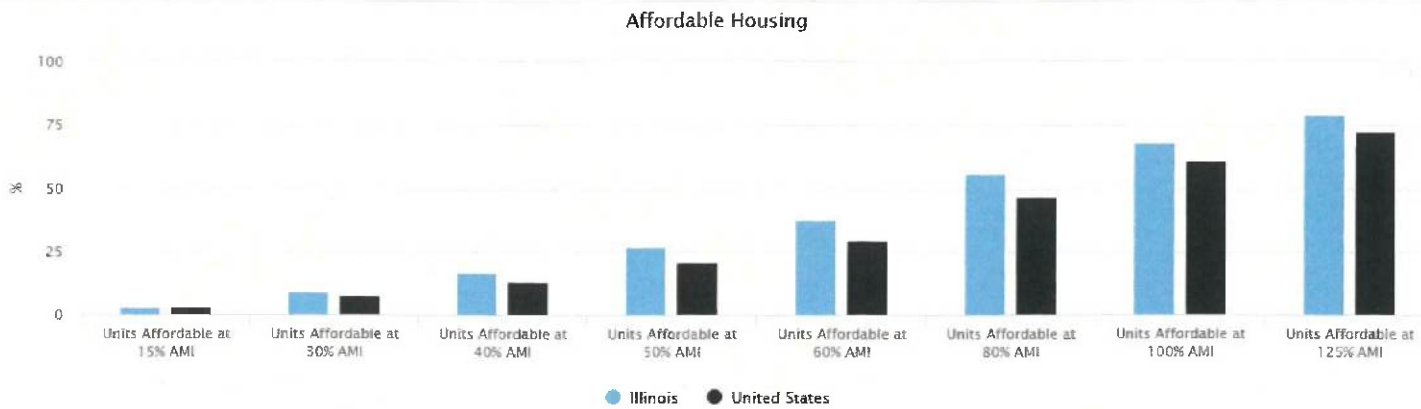
This category contains indicators that describe the structure of housing and families, and the condition and quality of housing units and residential neighborhoods. These indicators are important because housing issues like overcrowding and affordability have been linked to multiple health outcomes,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

Affordable Housing

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

Report Area	Units Affordable at 15% AMI	Units Affordable at 30% AMI	Units Affordable at 40% AMI	Units Affordable at 50% AMI	Units Affordable at 60% AMI	Units Affordable at 80% AMI	Units Affordable at 100% AMI	Units Affordable at 125% AMI
Logan County, IL	3.40%	14.99%	31.30%	47.56%	60.25%	75.13%	87.05%	91.96%
McLean County, IL	3.58%	9.20%	20.42%	35.58%	48.63%	70.07%	81.10%	87.54%
Tazewell County, IL	3.01%	11.70%	27.18%	40.87%	52.67%	71.96%	83.37%	88.96%
Illinois	3.20%	9.07%	16.73%	27.10%	37.62%	55.59%	68.26%	79.30%
United States	3.15%	7.78%	12.96%	20.62%	29.46%	46.88%	60.68%	72.77%

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



Other Social & Economic Factors

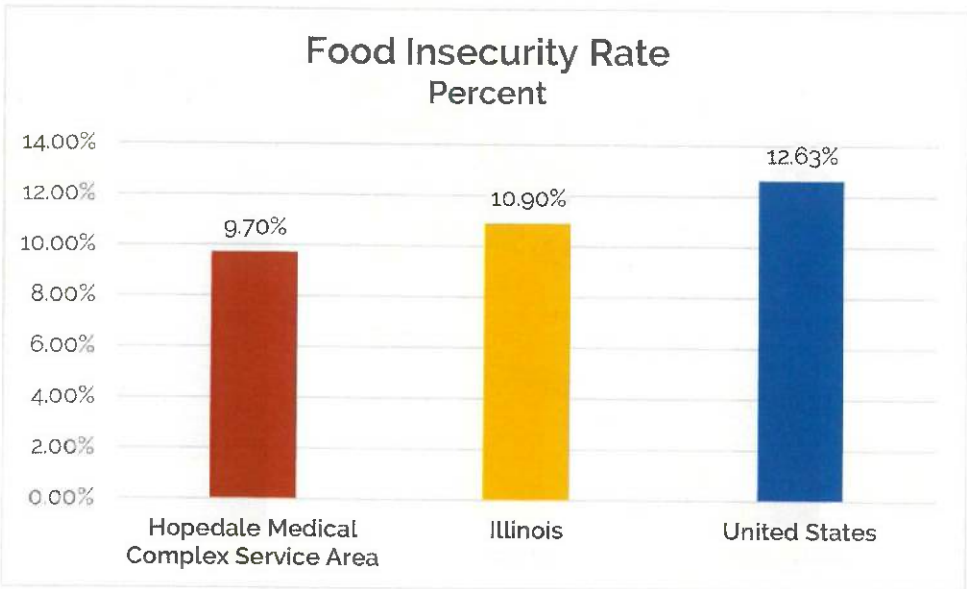
Economic and social insecurity often are associated with poor health. Poverty, unemployment, and a lack of educational achievement affect access to care and a community's ability to engage in healthy behaviors. Without a network of support and a safe community, families cannot thrive. Ensuring access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

Food Insecurity Rate

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

Report Area	Total Population	Food Insecure Population, Total	Food Insecurity Rate
Hopedale Medical Complex Service Area	20,762	2,014	9.70%
Logan County, IL	29,400	2,940	10.00%
McLean County, IL	173,017	20,070	11.60%
Tazewell County, IL	135,161	12,570	9.30%
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

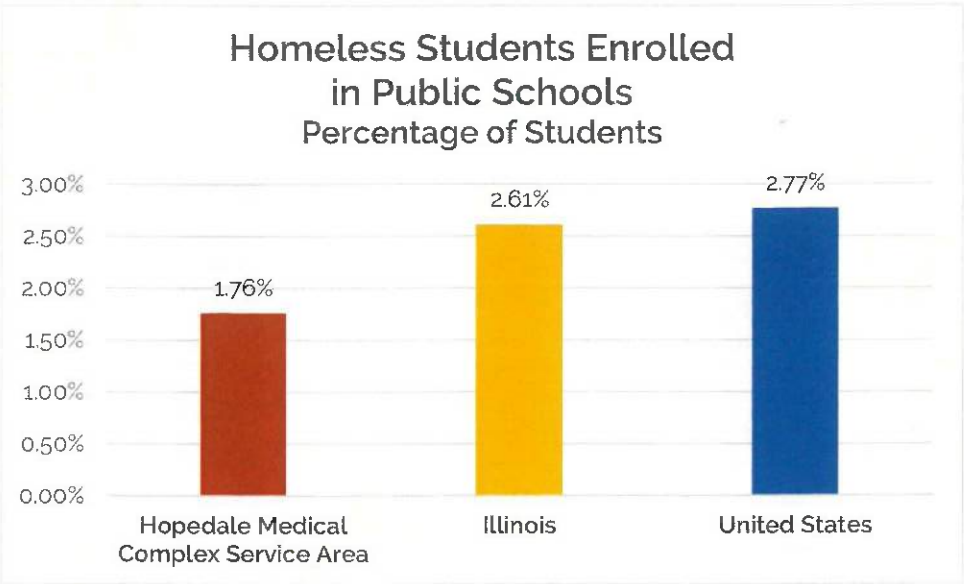


Homeless Children and Youth

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 service area level based on school district summaries where three or more homeless children are counted. In the service area, of all the 3,554 students enrolled in the service area's public school system during the school year 2019-202, there were 47 or 1.76% homeless students, which is lower than the statewide rate of 2.61%. *Note: Data are available for 100% of school districts in the service area, representing 76.10% of the public school student population.*

Report Area	Students in Reported Districts	Homeless Students	Homeless Students, Percent	Districts Reporting	Students in Reported Districts
Hopedale Medical Complex Service Area	3,554	47	1.76%	100.00%	76.10%
Logan County, IL	2,885	55	1.90%	83.30%	85.70%
McLean County, IL	23,731	299	1.30%	91.70%	96.30%
Tazewell County, IL	16,333	248	1.50%	84.20%	93.10%
Illinois	1,855,033	48,332	2.61%	88.90%	97.51%
United States	47,386,316	1,311,089	2.77%	86.95%	97.47%

Note: This indicator is compared to the state average. Data Source: U.S. Department of Education, EDFacts, Additional data analysis by CARES, 2019-20. Source geography: School District

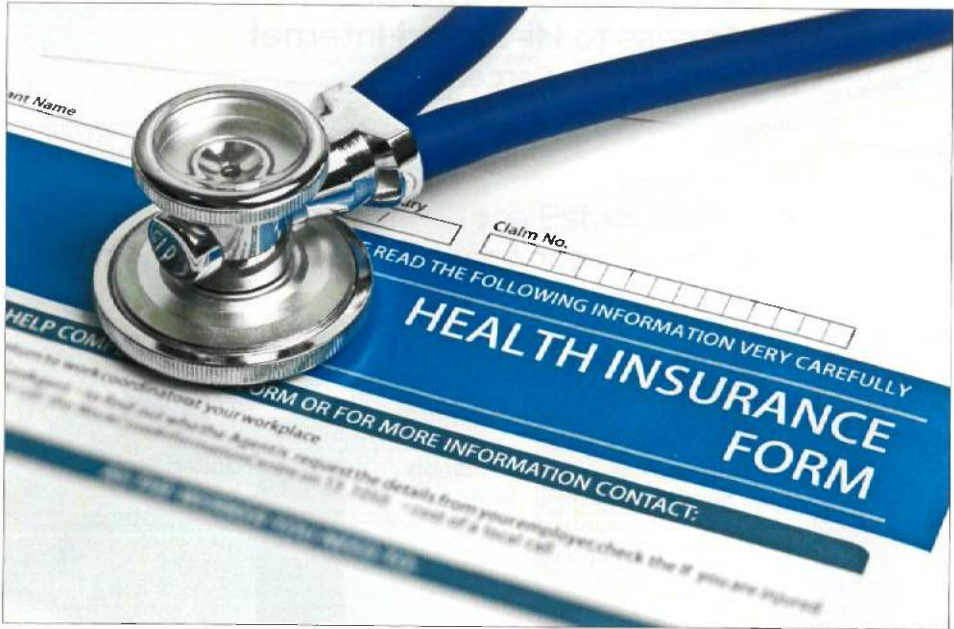


Insurance – Insured Population and Provider Type

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.

Report Area	Total Population (For Whom Insurance Status is Determined)	Population with Health Insurance	Percentage with Private Insurance	Percentage with Public Insurance
Hopedale Medical Complex Service Area	21,144	20,430	84.79%	30.86%
Logan County, IL	25,689	24,726	78.37%	38.95%
McLean County, IL	171,049	164,186	82.68%	27.66%
Tazewell County, IL	130,201	124,404	79.46%	37.19%
Illinois	12,536,614	11,682,181	75.80%	36.13%
United States	321,525,041	293,466,138	74.57%	38.65%

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

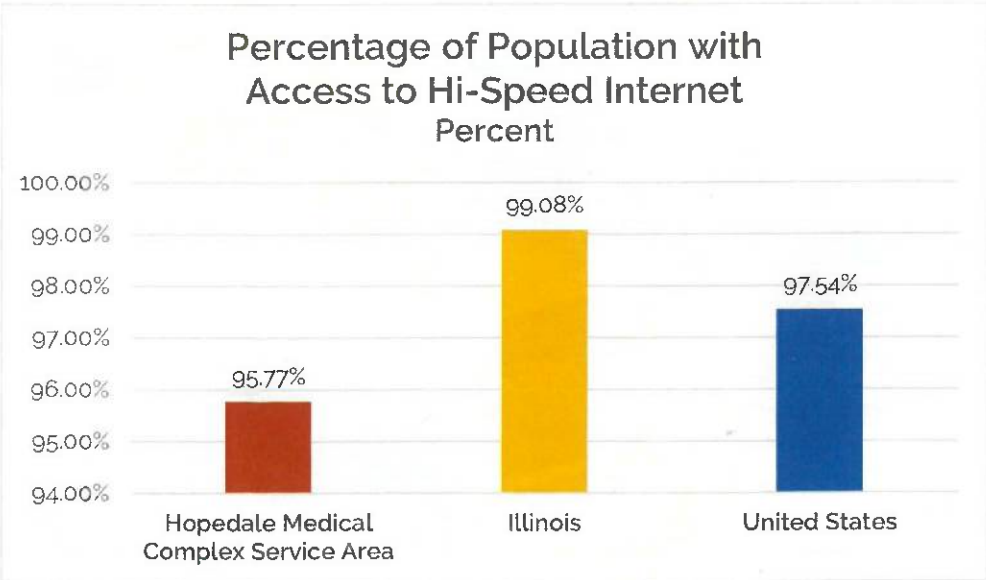


Built Environment – Broadband Access

This indicator reports the percentage of the population with access to high-speed internet. Data are based on the reported service area of providers offering download speeds of 25 MBPS or more and upload speeds of 3 MBPS or more. This data represents both wireline and fixed/terrestrial wireless internet providers. Cellular internet providers are not included.

Report Area	Total Population (2020)	Access to DL Speeds > 25MBPS (2020)
Hopedale Medical Complex Service Area	23,952.00	95.77%
Logan County, IL	28,383	98.29%
McLean County, IL	171,256	99.37%
Tazewell County, IL	130,777	98.77%
Illinois	12,587,504	99.08%
United States	332,650,128	97.54%

Note: This indicator is compared to the state average. Data Source: National Broadband Map, Dec. 2020. Source geography: Tract

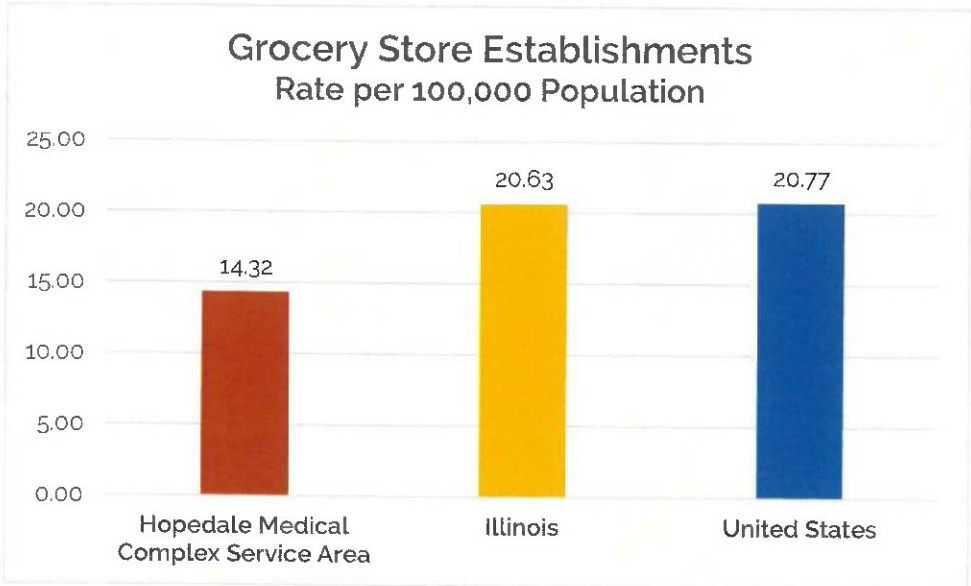


Food Environment – Grocery Stores

Healthy dietary behaviors are supported by access to healthy foods, and grocery stores are a major provider of these foods. There are 3 grocery establishments in the service area, a rate of 14.32 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
Hopedale Medical Complex Service Area	21,080	3	14.32
Logan County, IL	30,305	3	9.90
McLean County, IL	169,572	33	19.46
Tazewell County, IL	135,394	17	12.56
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

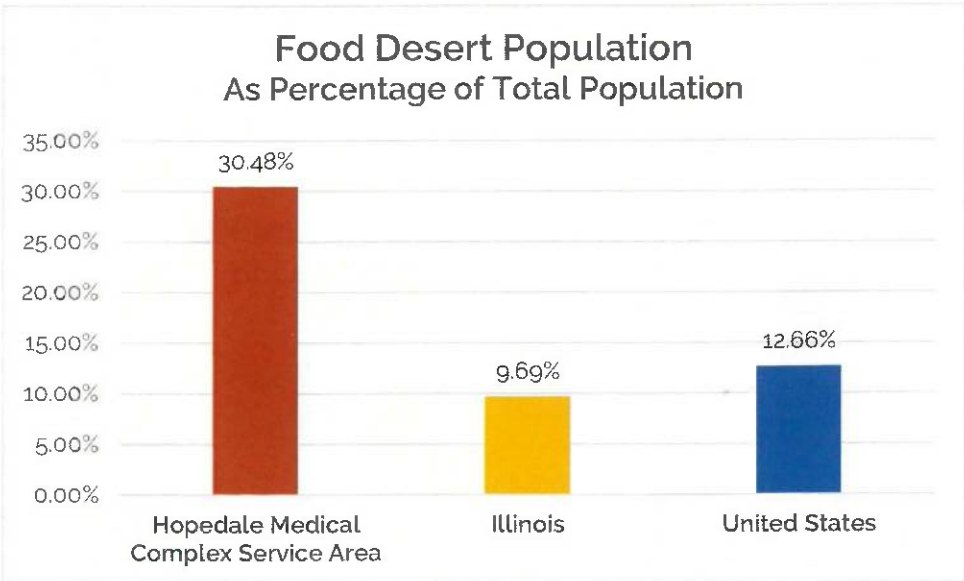


Food Environment – Food Desert Census Tracts

This indicator reports the number of neighborhoods in the service area that are within food deserts. The USDA Food Access Research Atlas defines a food desert as any neighborhood that lacks healthy food sources due to income level, distance to supermarkets, or vehicle access. The service area has a population of 11,879 living in food deserts, and a total of four census tracts classified as food deserts by the USDA.

Report Area	Total Population (2010)	Food Desert Census Tracts	Other Census Tracts	Food Desert Population	Other Population
Hopedale Medical Complex Service Area	21,032	2	3.00	6,411	14,621
Logan County, IL	30,305	0	8	0	3,527
McLean County, IL	169,572	8	33	42,799	33,806
Tazewell County, IL	135,394	3	27	17,128	19,066
Illinois	12,830,632	319	2,796	1,242,939	3,697,926
United States	308,745,538	9,293	63,238	39,074,974	81,328,997

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



HEALTH AND WELLNESS INDICATORS

Clinical Care and Prevention

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

Prevention – Core Preventative Services for Men

This indicator reports the percentage of males age 65 and older who report that they are up-to-date on a core set of clinical preventative services. Services include: an influenza vaccination in the past year, a pneumococcal vaccination (PPV) ever, and either a fecal occult blood test (FOBT) within the past year, a sigmoidoscopy within the past 5 years and an FOBT within the past 3 years, or a colonoscopy within the previous 10 years. Within the service area, there are 37.50% men 65 and older who had core preventative services in the last one to 10 years of the total population.

Report Area	Total Population (2018)	Percentage of Males age 65+ Up to Date on Core Preventative Services
Hopedale Medical Complex Service Area	21,081	37.50%
Logan County, IL	28,925	34.70%
McLean County, IL	172,828	36.30%
Tazewell County, IL	132,328	35.70%
Illinois	12,741,080	32.92%
United States	327,167,434	32.40%

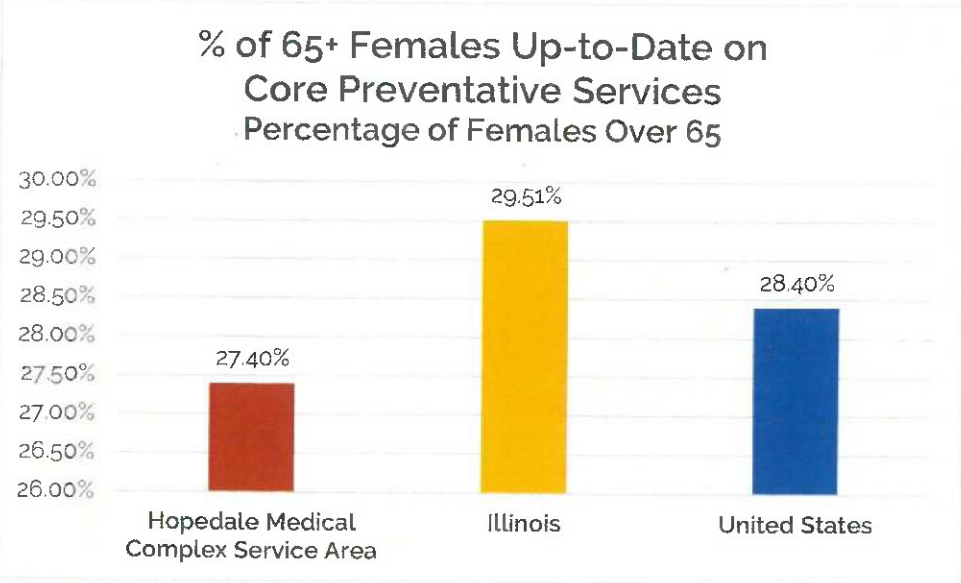
Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal, 2018. Source geography: Tract

Prevention – Core Preventative Services for Women

This indicator reports the percentage of females age 65 and older who report that they are up-to-date on a core set of clinical preventative services. Services include: an influenza vaccination in the past year, a pneumococcal vaccination (PPV) ever, either a fecal occult blood test (FOBT) within the past year, a sigmoidoscopy within the past 5 years and an FOBT within the past 3 years, or a colonoscopy within the previous 10 years, and a mammogram in the past 2 years. Within the service area, there are 27.40% women 65 and older who had core preventative services in the last one to 10 years of the total population.

Report Area	Total Population (2018)	Percentage of Females age 65+ Up to Date on Core Preventative Services
Hopedale Medical Complex Service Area	21,081	27.40%
Logan County, IL	28,925	31.00%
McLean County, IL	172,828	29.00%
Tazewell County, IL	132,328	29.10%
Illinois	12,741,080	29.51%
United States	327,167,434	28.40%

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, 2015. Source geography: County

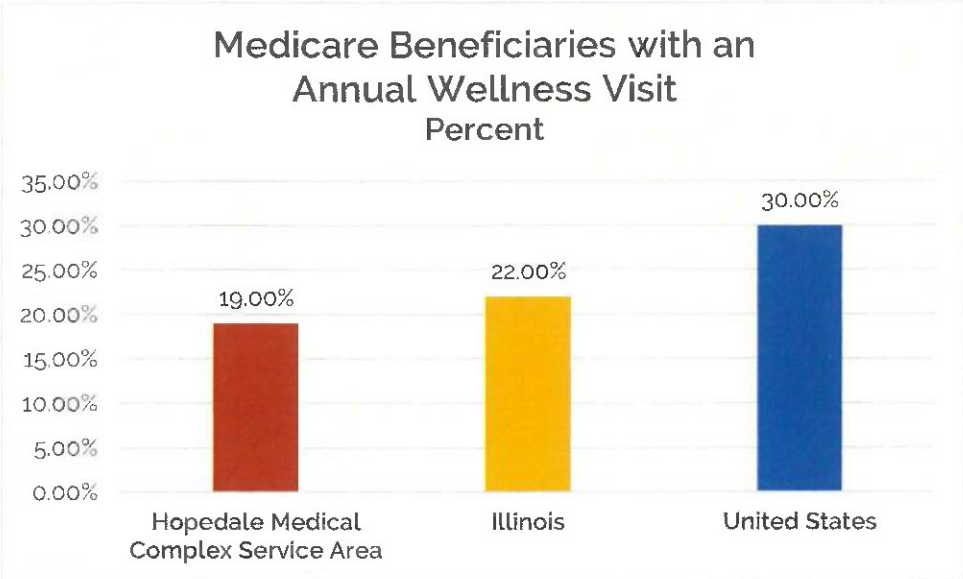


Prevention – Annual Wellness Exam (Medicare)

This indicator reports the percentage of Medicare beneficiaries who had one or more annual wellness visits in the most recent reporting year. Annual wellness visits are visits to develop or update a personalized prevention plan and perform a health risk assessment. These services are fully covered once every 12 months. In the latest reporting period, there were 4,144 Medicare beneficiaries in the service area, and 19% had an annual wellness visit. The rate in the service area was lower than the state rate of 22% during the same time period.

Report Area	Medicare Beneficiaries	Beneficiaries with Annual Wellness Visit, Percent
Hopedale Medical Complex Service Area	4,144	19%
Logan County, IL	5,915	5%
McLean County, IL	25,613	22%
Tazewell County, IL	28,266	21%
Illinois	2,078,514	22%
United States	57,235,207	30%

Note: This indicator is compared to the state average. Data Source: Centers for Medicare and Medicaid Services, Mapping Medicare Disparities Tool, 2019. Source geography: County



Health Behaviors

In the service area, 6,196 or 21.42% of the adults self-report excessive drinking in the last 30 days, which is less than the state rate of 21.54%. Data for this indicator were based on survey responses to the 2018 Behavioral Risk Factor Surveillance System (BRFSS) annual survey and are used for the 2021 County Health Rankings.

Excessive drinking is defined as the percentage of the population who report at least one binge drinking episode involving five or more drinks for men and four or more for women over the past 30 days, or heavy drinking involving more than two drinks per day for men and more than one per day for women, over the same period. Alcohol use is a behavioral health issue that is also a risk factor for a number of netative health outcomes, including: physical injuries related to motor vehicle accidents, stroke, chronic diseases such as heart disease and cancer, and mental health conditions such as depression and suicide.

Alcohol – Binge Drinking

This indicator reports the percentage of adults age 18 and older who report having five or more drinks (men) or four or more drinks (women) on an occasion in the past 30 days. Within the service area, there are 20.90% of adults who reported having four or more drinks in the last month of the total population.

Report Area	Total Population (2019)	Percentage of Adults Binge Drinking in the Past 30 Days
Hopedale Medical Complex Service Area	21,081	20.90%
Logan County, IL	28,618	20.30%
McLean County, IL	171,517	21.30%
Tazewell County, IL	131,803	19.50%
Illinois	12,671,821	20.41%
United States	328,239,523	16.70%

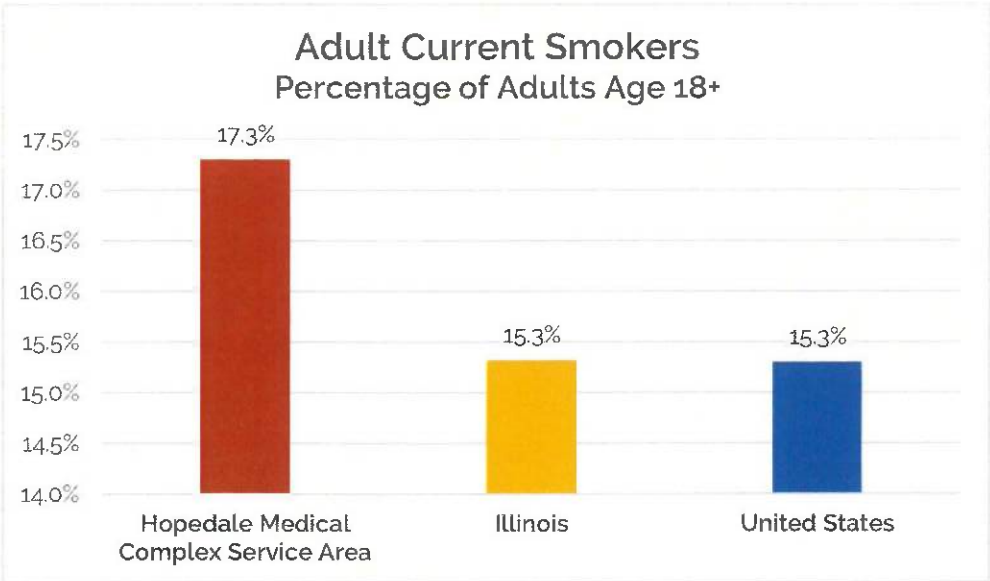
Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, Accessed via the PLACES Data Portal, 2019. Source geography: Tract

Tobacco – Current Smokers

This indicator reports the percentage of adults age 18 and older who report having smoked at least 100 cigarettes in their lifetime and currently smoke every day or some days. Within the service area, there are 17.30% adults who have smoked or currently smoke of the total population.

Report Area	Total Population (2019)	Adult Current Smokers (Crude)	Adult Current Smokers (Age-Adjusted)
Hopedale Medical Complex Service Area	21,081	17.30%	No data
Logan County, IL	28,618	18.30%	19.20%
McLean County, IL	171,517	14.90%	15.90%
Tazewell County, IL	131,803	17.20%	18.00%
Illinois	12,671,821	15.32%	15.66%
United States	328,239,523	15.30%	15.70%

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



CHRONIC ILLNESS

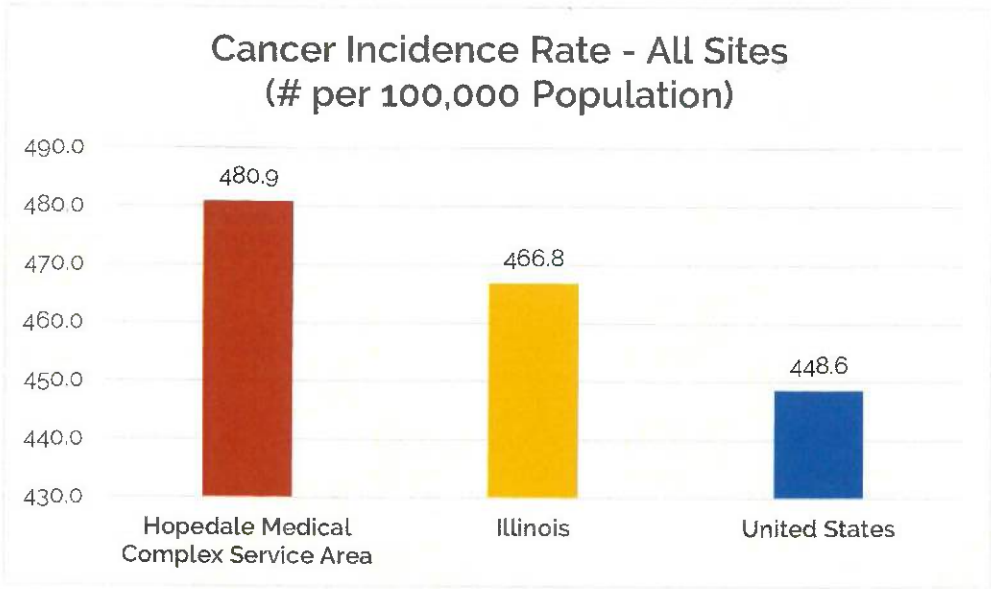
Health Outcomes

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 178 new cases of cancer reported. This means there is a rate of 480.9 for every 100,000 total population.

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
Hopedale Medical Complex Service Area	37,017	178	480.9
Logan County, IL	37,956	214	563.8
McLean County, IL	173,674	760	437.6
Tazewell County, IL	174,665	888	508.4
Illinois	14,903,598	69,570	466.8
United States	379,681,007	1,703,249	448.6



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 five-year period of 2014-2018.

Area Name	Cancer Site	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
Logan County, Illinois	1 - Lung & Bronchus (All Stages ¹), 2014-2018	41	103.1
Logan County, Illinois	2 - Breast (All Stages ¹), 2014-2018	26	134.4
Logan County, Illinois	3 - Colon & Rectum (All Stages ¹), 2014-2018	22	59.2
Logan County, Illinois	4 - Prostate (All Stages ¹), 2014-2018	21	116.4
Logan County, Illinois	5 - Bladder (All Stages ¹), 2014-2018	11	28.3
McLean County, Illinois	1 - Breast (All Stages ¹), 2014-2018	123	135
McLean County, Illinois	2 - Lung & Bronchus (All Stages ¹), 2014-2018	104	60
McLean County, Illinois	3 - Prostate (All Stages ¹), 2014-2018	85	96.1
McLean County, Illinois	4 - Colon & Rectum (All Stages ¹), 2014-2018	66	38.5
McLean County, Illinois	5 - Melanoma of the Skin (All Stages ¹), 2014-2018	58	34.5
Tazewell County, Illinois	1 - Lung & Bronchus (All Stages ¹), 2014-2018	146	79.3
Tazewell County, Illinois	2 - Breast (All Stages ¹), 2014-2018	135	153.1
Tazewell County, Illinois	3 - Prostate (All Stages ¹), 2014-2018	98	111.1
Tazewell County, Illinois	4 - Colon & Rectum (All Stages ¹), 2014-2018	81	45.8
Tazewell County, Illinois	5 - Melanoma of the Skin (All Stages ¹), 2014-2018	48	30.2
Illinois	1 - Breast (All Stages ¹), 2014-2018	10,389	133.7
Illinois	2 - Lung & Bronchus (All Stages ¹), 2014-2018	9,538	63
Illinois	3 - Prostate (All Stages ¹), 2014-2018	8,174	111.5
Illinois	4 - Colon & Rectum (All Stages ¹), 2014-2018	6,243	42.1
Illinois	5 - Melanoma of the Skin (All Stages ¹), 2014-2018	3,086	21.3

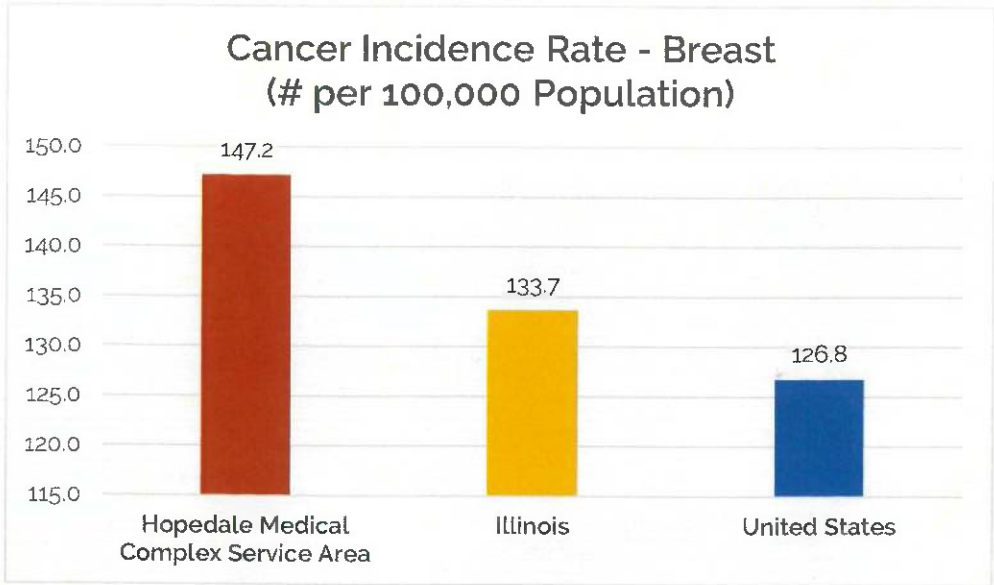


Cancer Incidence – Breast

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of females with breast cancer adjusted to 2000 U.S. standard population age groups (under age 1, 1-4, 5-9, ..., 80-84, 85 and older). Within the service area, there were 28 new cases of breast cancer. This means there is a rate of 147.2 for every 100,000 total population.

Report Area	Estimated Total Population (Female)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
Hopedale Medical Complex Service Area	19,018	28	147.2
Logan County, IL	19,345	26	134.4
McLean County, IL	91,111	123	135.0
Tazewell County, IL	88,177	135	153.1
Illinois	7,770,381	10,389	133.7
United States	196,578,075	249,261	126.8

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

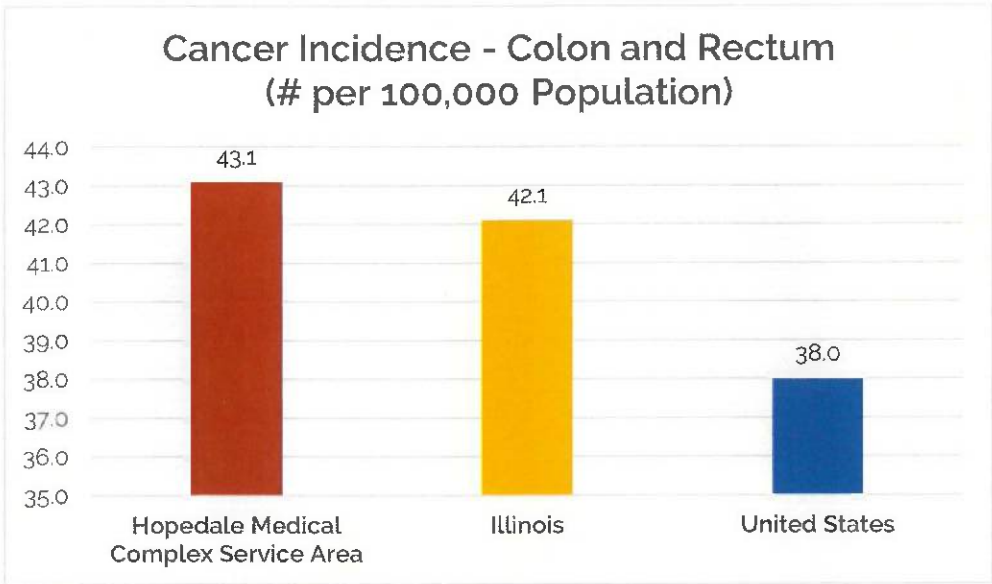


Cancer Incidence – Colon and Rectum

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of colon and rectum cancer adjusted to 2000 U.S. standard population age groups (under age 1, 1-4, 5-9, ..., 80-84, 85 and older). Within the service area, there were 16 new cases of colon and rectum cancer. This means there is a rate of 43.1 for every 100,000 total population.

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
Hopedale Medical Complex Service Area	37,100	16	43.1
Logan County, IL	37,162	22	59.2
McLean County, IL	171,428	66	38.5
Tazewell County, IL	176,855	81	45.8
Illinois	14,828,978	6,243	42.1
United States	376,842,105	143,200	38.0

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

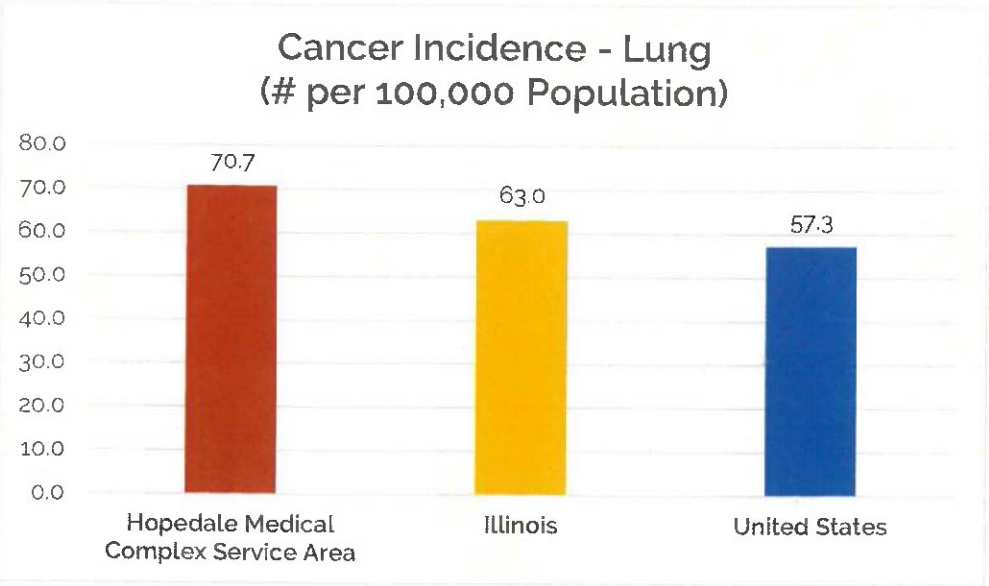


Cancer Incidence – Lung

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of lung cancer 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 27 new cases of lung cancer. This means there is a rate of 70.7 for every 100,000 total population.

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
Hopedale Medical Complex Service Area	38,180	27	70.7
Logan County, IL	39,767	41	103.1
McLean County, IL	173,333	104	60.0
Tazewell County, IL	184,110	146	79.3
Illinois	15,139,682	9,538	63.0
United States	388,849,912	222,811	57.3

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



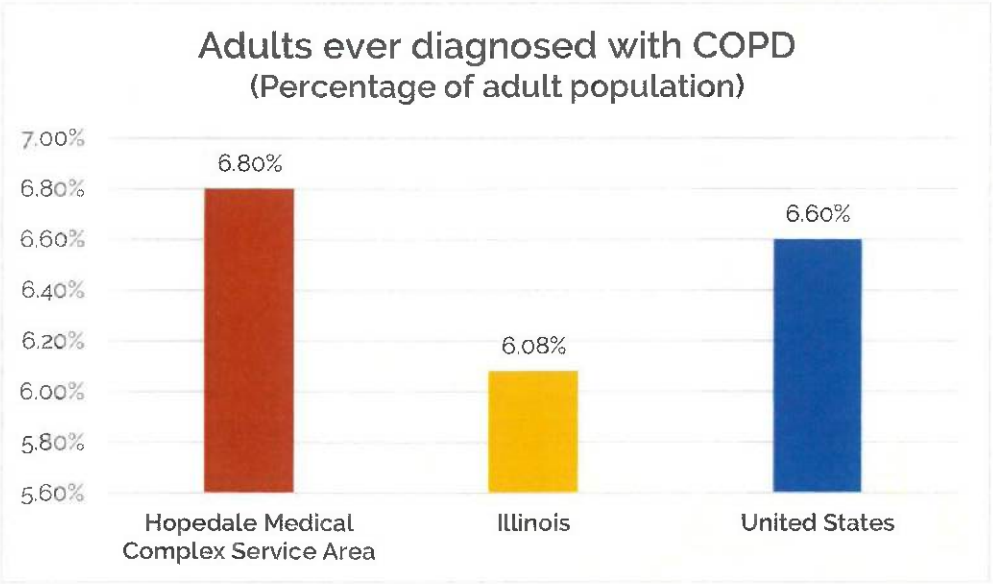
Chronic Conditions – Adult

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 6.80% 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
Hopedale Medical Complex Service Area	21,081	6.80%
Logan County, IL	28,618	7.50%
McLean County, IL	171,517	5.70%
Tazewell County, IL	131,803	7.50%
Illinois	12,671,821	6.08%
United States	328,239,523	6.60%

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



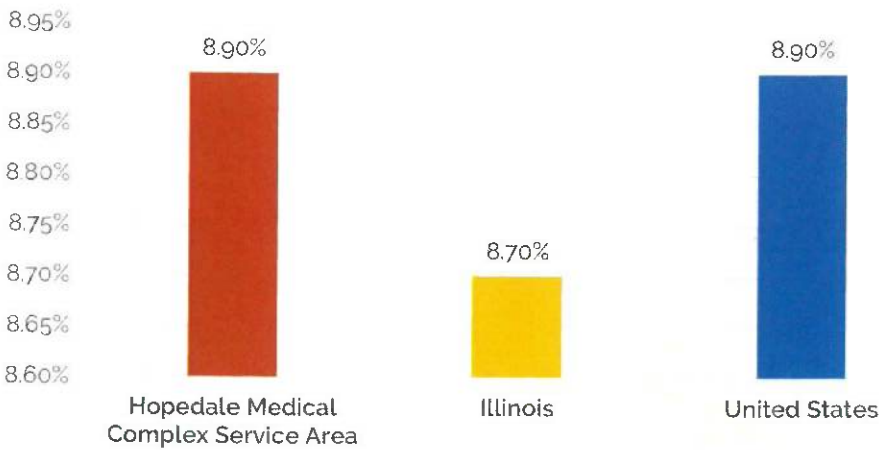
Asthma Prevalence

This indicator reports the percentage of adults age 18 and older who answer “yes” to both of the following questions: “Have you ever been told by a doctor, nurse, or other health professional that you have asthma?” and the question “Do you still have asthma?” Within the service area, there were 8.90% of adults 18 and older who reported having asthma of the total population.

Report Area	Total Population (2019)	Adults with Asthma (Crude)	Adults with Asthma (Age-Adjusted)
Hopedale Medical Complex Service Area	21,081	8.90%	No data
Logan County, IL	28,618	9.30%	9.40%
McLean County, IL	171,517	8.90%	8.70%
Tazewell County, IL	131,803	9.00%	9.20%
Illinois	12,671,821	8.7%	8.7%
United States	328,239,523	8.9%	8.9%

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

Adults with Asthma
Percent of Total Population



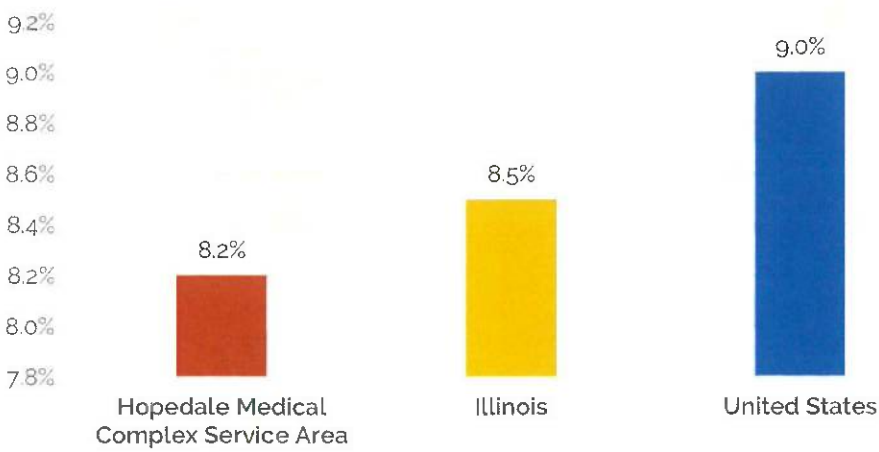
Diabetes

This indicator reports the number and percentage of adults age 20 and older who report ever having been told by a doctor that they have diabetes. This indicator is relevant because diabetes is a prevalent problem in the U.S. It may indicate an unhealthy lifestyle and puts individuals at risk for further health issues. Within the service area, there were 1,479 of adults 20 and older have diabetes. This represents 8.2% of the total survey population. Note: In 2021, the CDC updated the methodology used to produce estimates for this indicator. Estimated values for prior years (2004-2017) have been updated in this platform to allow comparison across years. Use caution when comparing with saved assessments generated prior to November 10, 2021.

Report Area	Population Age 20+	Adults with Diagnosed Diabetes	Adults with Diagnosed Diabetes, Age-Adjusted Rate
Hopedale Medical Complex Service Area	15,289.00	1,479	8.2%
Logan County, IL	22,230	1,934	7.6%
McLean County, IL	127,204	11,830	9.1%
Tazewell County, IL	99,152	9,816	8.2%
Illinois	9,545,729	913,727	8.5%
United States	239,919,249	24,189,620	9.0%

Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, 2019. Source geography: County

Adults with Diagnosed Diabetes
Percentage of Adult Population

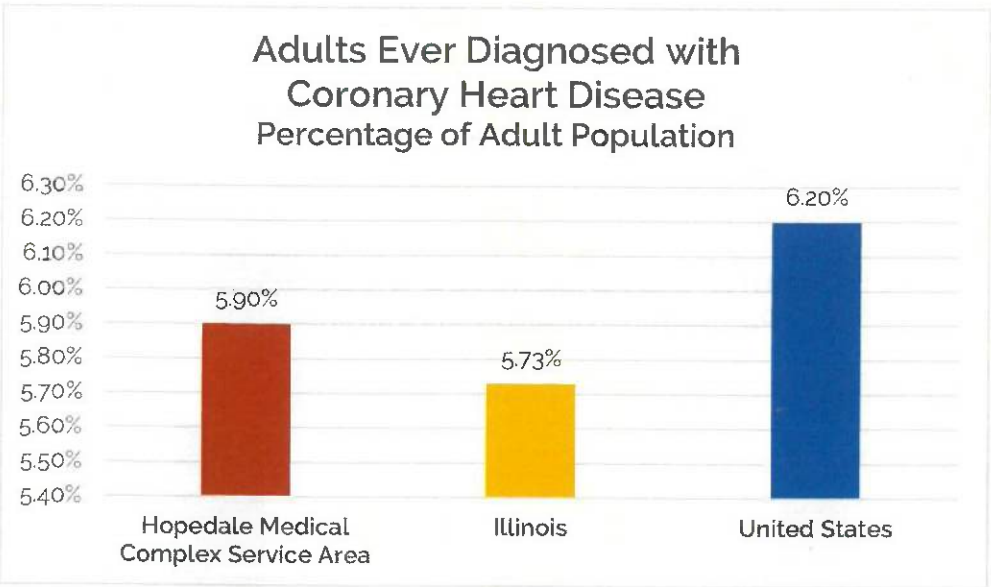


Coronary Heart Disease

This indicator reports the percentage of adults age 18 and older who report ever having been told by a doctor, nurse, or other health professional that they had angina or coronary heart disease. Within the report area, there were 5.90% 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)
Hopedale Medical Complex Service Area	21,081	5.90%	No data
Logan County, IL	28,618	6.60%	5.60%
McLean County, IL	171,517	5.10%	5.20%
Tazewell County, IL	131,803	6.70%	5.30%
Illinois	12,671,821	5.73%	5.17%
United States	328,239,523	6.20%	5.40%

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

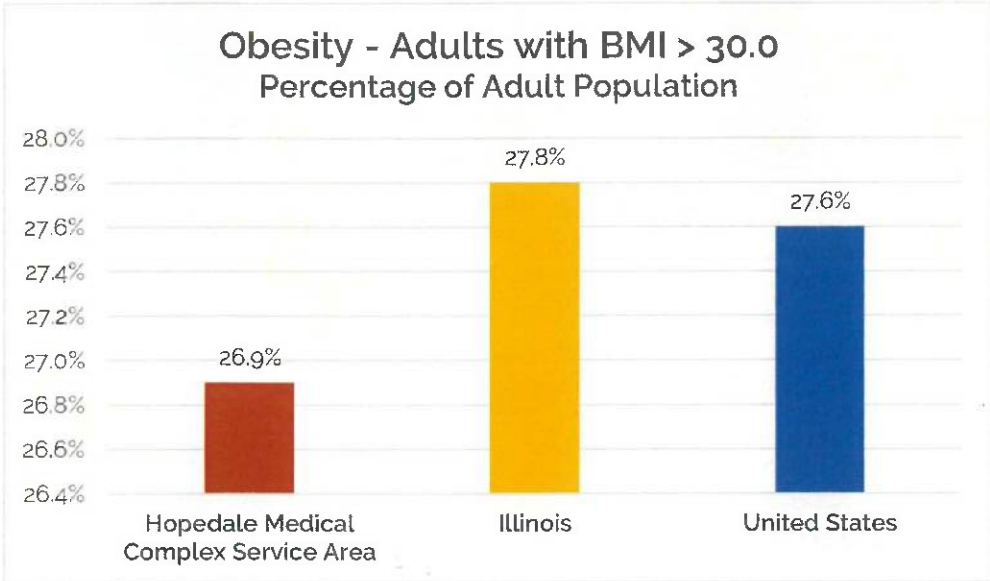


Obesity

This indicator reports the number and percentage of adults age 20 and older who self-report having a Body Mass Index (BMI) greater than 30.0 (obese). Respondents were considered obese if their Body Mass Index (SMI) was 30 or greater. Body mass index (weight [kg]/height [m]2) was derived from self-report of height and weight. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues. Within the report area, there are a total of 4,166 adults age 20 and older who self-reported having a BMI greater than 30.0. This represents 26.9% of the survey population. Note: In 2021, the CDC updated the methodology used to produce estimates for this indicator. Estimated values for prior years (2004-2017) have been updated in this platform to allow comparison across years. Use caution when comparing with saved assessments generated prior to November 10, 2021.

Report Area	Population Age 20+	Adults with BMI > 30.0 (Obese)	Adults with BMI > 30.0 (Obese), Percent
Hopedale Medical Complex Service Area	15,300.00	4,166	26.9%
Logan County, IL	22,217	5,021	22.4%
McLean County, IL	126,468	37,561	29.7%
Tazewell County, IL	99,367	27,326	27.1%
Illinois	9,523,557	2,673,824	27.8%
United States	243,082,729	67,624,774	27.6%

Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, 2019. Source geography: County



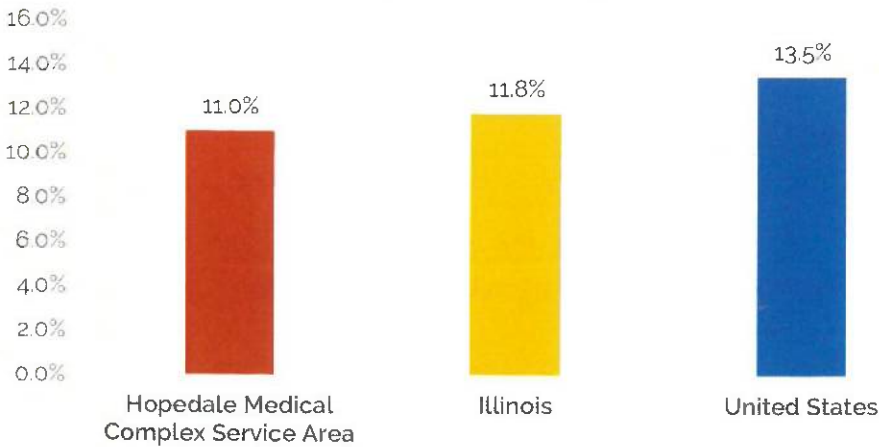
Teeth Loss

This indicator reports the number and percentage of adults age 18 and older who report having lost all of their natural teeth because of tooth decay or gum disease. Within the service area, there were 11.0% of adults 18 and older who reported losing all their natural teeth of the total population.

Report Area	Total Population (2018)	Adults with Poor Dental Health (Crude)	Adults with Poor Dental Health (Age-Adjusted)
Hopedale Medical Complex Service Area	21,081	11.00%	No data
Logan County, IL	28,925	13.60%	13.70%
McLean County, IL	172,828	10.80%	11.00%
Tazewell County, IL	132,328	11.80%	11.90%
Illinois	12,741,080	11.8%	12.0%
United States	327,167,434	13.5%	13.9%

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

Adults with Poor Dental Health
Percentage of Adult Population



BEHAVIORAL HEALTH

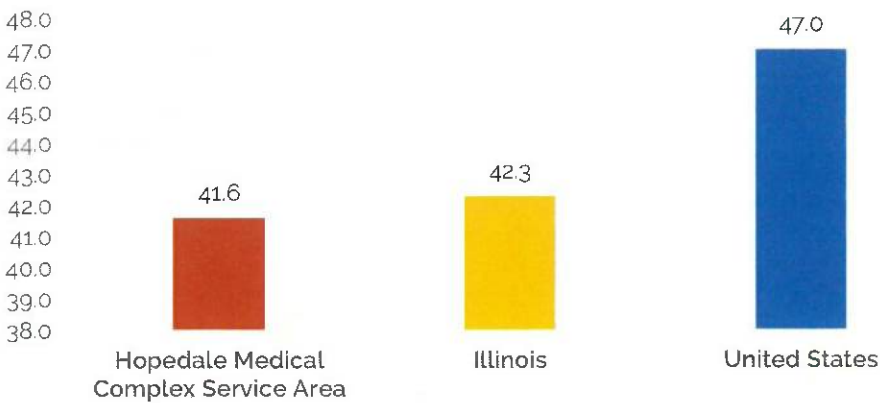
Deaths of Despair – Suicide + Drug/Alcohol Poisoning

This indicator reports average rate of death due to intentional self-harm (suicide), alcohol-related disease, and drug overdose, also known as “deaths of despair,” per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for service areas from county level data, only where data is available. This indicator is relevant because death of despair is an indicator of poor mental health. Within the service area, there were 66 deaths of despair. This represents an age-adjusted death rate of 41.6 per every 100,000 total population.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Hopedale Medical Complex Service Area	32,036	66	41.3	41.6
Logan County, IL	28,940	74	51.1	45.6
McLean County, IL	172,062	326	37.9	38.9
Tazewell County, IL	132,564	299	45.1	44.6
Illinois	12,720,799	28,231	44.4	42.3
United States	326,747,554	806,246	49.4	47.0

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

Deaths of Despair -
Suicide+Drug/Alcohol Poisoning
Age-Adjusted Death Rate Per 100,000 Population



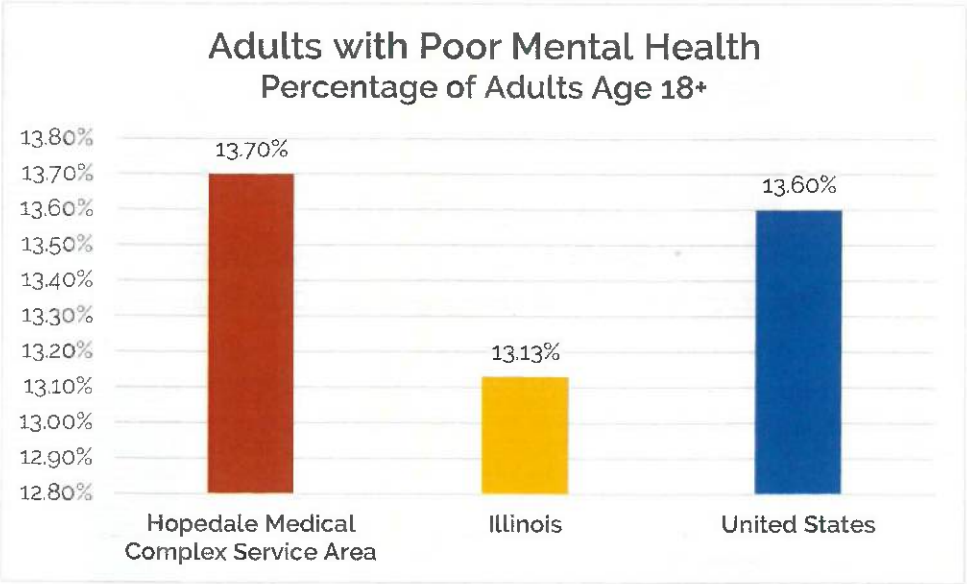
MENTAL HEALTH

Poor Mental Health

This indicator reports the percentage of adults age 18 and older who report 14 or more days during the past 30 days during which their mental health was not good. Data were from the 2019 Behavioral Risk Factor Surveillance System (BRFSS) annual survey. Within the service area, there 13.70% 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)
Hopedale Medical Complex Service Area	21,081	13.70%	No data
Logan County, IL	28,618	14.40%	14.90%
McLean County, IL	171,517	14.10%	13.70%
Tazewell County, IL	131,803	13.70%	14.60%
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 PLACES Data Portal, 2019. Source geography: Tract

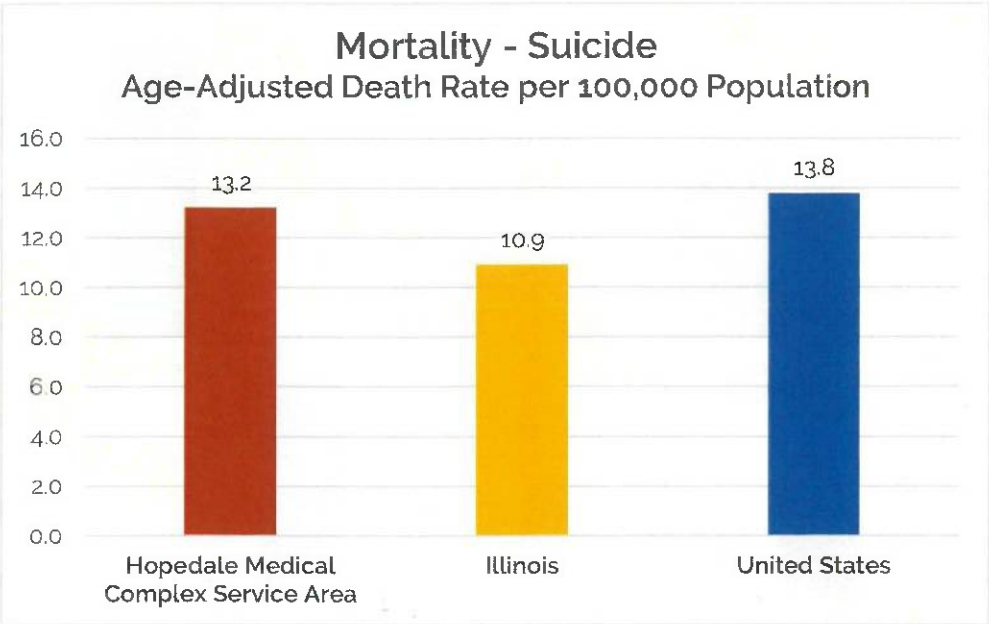


Mortality – Suicide

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 resummarized fore 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 21 deaths due to suicide. This represents an age-adjusted death rate of 13.2 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)
Hopedale Medical Complex Service Area	32,036	21	12.8	13.2
Logan County, IL	28,940	19	No data	No data
McLean County, IL	172,062	108	12.6	12.9
Tazewell County, IL	132,564	87	13.1	13.4
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

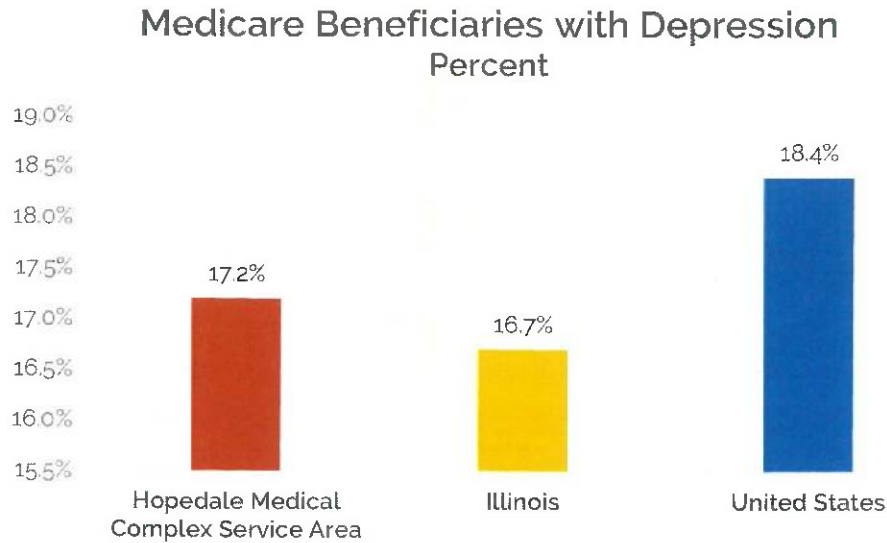


Depression (Medicare Population)

This indicator reports the number and percentage of the Medicare fee-for-service population with depression. Data are based upon Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the fee-for-service program. Within the service area, there were 494.87 beneficiaries with depression based on administrative claims data in the latest report year. This represents 17.2% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Depression	Beneficiaries with Depression, Percent
Hopedale Medical Complex Service Area	2,871	494.87	17.2%
Logan County, IL	4,255	844	19.8%
McLean County, IL	16,961	2,796	16.5%
Tazewell County, IL	19,586	3,316	16.9%
Illinois	1,443,297	240,827	16.7%
United States	33,499,472	6,163,735	18.4%

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



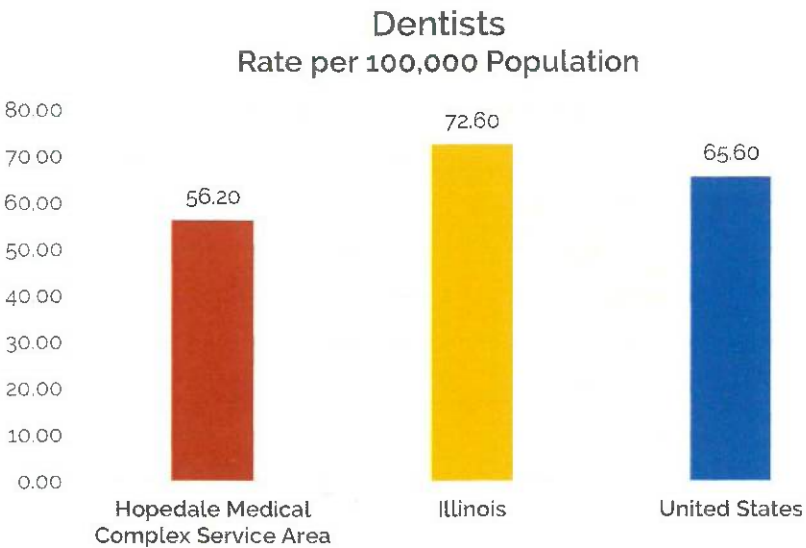
Healthcare Workforce

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

Access to Care – 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 18 dentists. This represents 56.20 dentists per 100,000 total population.

Report Area	Total Population, 2015	Dentists, 2015	Dentists, Rate per 100,000 Population
Hopedale Medical Complex Service Area	32,399	18	56.20
Logan County, IL	29,494.00	16.00	54.25
McLean County, IL	173,166.00	111.00	64.10
Tazewell County, IL	134,800.00	64.00	47.48
Illinois	12,859,995.00	9,336.00	72.60
United States	321,418,820.00	210,832.00	65.60



Access to Care – Mental Health

This indicator reports the number of mental health providers in the service area as a rate per 100,000 total area population. Mental health providers are defined psychiatrists, psychologist, licensed clinical social workers, counselors, marriage and family therapists, and mental health providers that treat alcohol and other drug abuse, as well as advanced practice nurses specializing in mental healthcare. Data from the 2020 Centers for Medicare and Medicaid Services (CMS) National Provider Identifier (NPI) downloadable file are used in the 2021 County Health Rankings. Within the service area, there are 23 mental health providers with a CMS National Provider Identifier (NPI). This represents 80.4 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)
Logan County, IL	28,618	23	1,244.3	80.4
McLean County, IL	171,517	454	377.8	264.7
Tazewell County, IL	131,803	249	529.3	188.9
Illinois	25,293,636	62,162	406.9	245.8
United States	655,362,202	1,714,472	382.3	261.6

Note: This indicator is compared to the state average. Data Source: Centers for Medicare and Medicaid Services, CMS - National Plan and Provider Enumeration System (NPPES), Accessed via County Health Rankings, 2020. Source geography: County



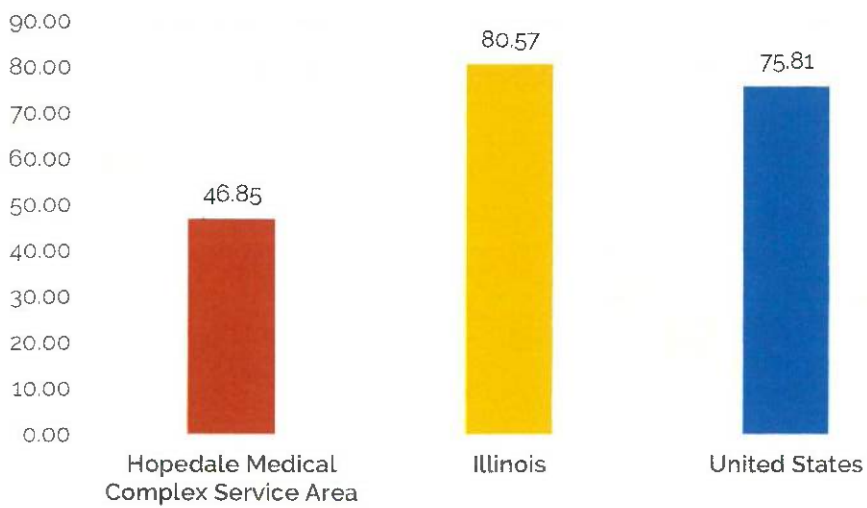
Access to Care – Primary Care

This indicator reports the number of primary care physicians per 100,000 population. Doctors classified as "primary care physicians" by the AMA include: General Family Medicine MDs and DOs, General Practice MDs and DOs, General Internal Medicine MDs and General Pediatrics MDs. Physicians age 75 and over and physicians practicing sub-specialties within the listed specialties are excluded. This indicator is relevant because a shortage of health professionals contributes to access and health status issues. Within the service area, there are 9 primary care physicians. This represents 46.85 providers per 100,000 total population.

Report Area	Total Population	Primary Care Physicians	Primary Care Physicians, Rate per 100,000 Population
Hopedale Medical Complex Service Area	20,396	9	46.85
Logan County, IL	28,925	9	31.11
McLean County, IL	172,828	96	55.55
Tazewell County, IL	132,328	63	47.61
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

Access to Care - Primary Care Physicians (rate per 100,000 Population)



EMERGENCY PREPAREDNESS

Hopedale Medical Complex 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.





Access to
Healthy Food
and Nutrition
Information



Re-establish
Communication
Among
Community
Partners



Expand
Chronic Care
Management



Access to
Targeted
Wellness
Education



Address
Transportation
Issues

IDENTIFICATION AND PRIORITIZATION OF NEEDS

PROCESS

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

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

DESCRIPTION OF THE COMMUNITY HEALTH NEEDS IDENTIFIED

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

1. Improve access to healthy foods and nutrition information across the service area
2. Improve access to targeted education and information about local resources for achieving and maintaining wellness
3. Re-establish communication among community partners post-pandemic
4. Address transportation issues, including transportation to and from primary care and EMS response time
5. Expand chronic care management to reduce hospital visits





Resources



Partners



Volunteers



Government

RESOURCES AVAILABLE TO MEET PRIORITY HEALTH NEEDS

HOSPITAL RESOURCES

Services at Hopedale Medical Complex

- Administration
- Manager of the Wellness Center
- Dietitian
- Clinic Manager
- Marketing

HEALTHCARE SERVICES AND PARTNERS

- Tazewell County Health Department
- Local ambulance services
- Illinois Critical Access Hospital Network

COMMUNITY RESOURCES

- Local food pantries
- Area churches
- School districts
- Community groups
- Other interested groups



DOCUMENTING AND COMMUNICATING RESULTS

This CHNA Report will be available to the community on the hospital's public website, www.hopedalemc.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.



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IMPLEMENTATION STRATEGY

PLANNING PROCESS

The results of the assessment process were presented to the COO and the Manager of the Wellness Center through a facilitated discussion for development of a plan to address the identified and prioritized needs.

They 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.

They then considered each of the prioritized needs. For each of the five 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.

The group addressed the needs with the following strategies:

1. Improve access to healthy foods and nutrition information across the service area

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

- Hopedale Medical Complex will collaborate with local food pantries to offer assistance for coordination of services through the Wellness Center.
- Hopedale Medical Complex will create and maintain a robust library of nutrition information and resources that will be available at a nutrition information station at the Wellness Center.
- Hopedale Medical Complex will utilize its social and print media resources to make more information available about access to health foods and nutrition information.

Anticipated impacts of these actions:

Hopedale Medical Complex anticipates that the steps set out above will improve access to both healthy foods and nutrition information across the service area.

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

- Manager of the Wellness Center
- Dietitian
- Marketing

Planned collaboration between the hospital and other facilities:

- Local food pantries
- Tazewell County Health Department
- Area churches

2. Improve access to targeted education and information about local resources for achieving and maintaining wellness

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

- Hopedale Medical Complex will collaborate with local schools to provide information about local wellness resources for health and wellness for youth.
- Hopedale Medical Complex will continue social and print media efforts to provide information about local wellness resources for health and wellness for youth and adults.

Anticipated impacts of these actions:

Hopedale Medical Complex anticipates that collaboration with the schools to expand education and resources, combined with social and print media efforts in the community to spread information, will improve access to education and information about local resources for health and wellness for all ages.

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

- Manager of the Wellness Center
- Marketing

Planned collaboration between the hospital and other facilities:

- School districts

3. Re-establish communication among community partners post-pandemic

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

- Hopedale Medical Complex will continue broad social media outreach within the service area.
- Hopedale Medical Complex will continue utilizing a newsletter to inform the community and partner organizations of developments and opportunities at HMC.
- Hopedale Medical Complex will update and re-establish lines of communication with partner organizations.

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

- Marketing

Planned collaboration between the hospital and other facilities:

- Tazewell County Health Department
- Community groups
- Faith-based organizations
- Schools

4. Address transportation issues, including transportation to and from primary care and EMS response time

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

- Hopedale Medical Complex will explore potential transportation solutions with local partners and through the Illinois Critical Access Hospital Network.

Anticipated impacts of these actions:

Hopedale Medical Complex anticipates that undertaking studies and collaborations will result in more options for addressing transportation needs.

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

- Administration

Planned collaboration between the hospital and other facilities:

- Local transportation providers
- Local EMS
- Illinois Critical Access Hospital Network
- Other interested groups

5. Expand chronic care management to reduce hospital visits

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

- Hopedale Medical Complex will continue and expand critical care management based on review of progress and impact and needs analysis.

Anticipated impacts of these actions:

Hopedale Medical Complex anticipates that planned expansion of the program will improve reduction in hospital visits.

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

- Administration
- Clinic manager

Planned collaboration between the hospital and other facilities:

Hopedale Medical Complex views this as an internal project and is not anticipating outside partners.





Focus Groups



Administration



Organizations



Business

REFERENCES AND APPENDIX

Hopedale CHNA Small Group Participants

Bruce Hoffman, Ag Teacher/FFA Advisor, Olympia High School

Stacie Ealey, Director of Community Health, Tazewell County Health Department

Beth Beachy, Director, Birth to Five Division, Tazewell County Health Department

Chelsea Lowe, Assistant Director of Nursing, Hopedale Medical Complex

Aldo Rossi, Director, Patient Care Services, Hopedale Medical Complex

Mary Lanier, Principal, Dee-Mack High School

Emily Whitson, Chief Operating Officer, Hopedale Medical Complex

Kathy Weinzierl, Director, Helping Hands Community Center

Deb Wheeler, Director, Stanford

Carl Miller, Consult, Tremont

Rick Otey, Volunteer, Tremont

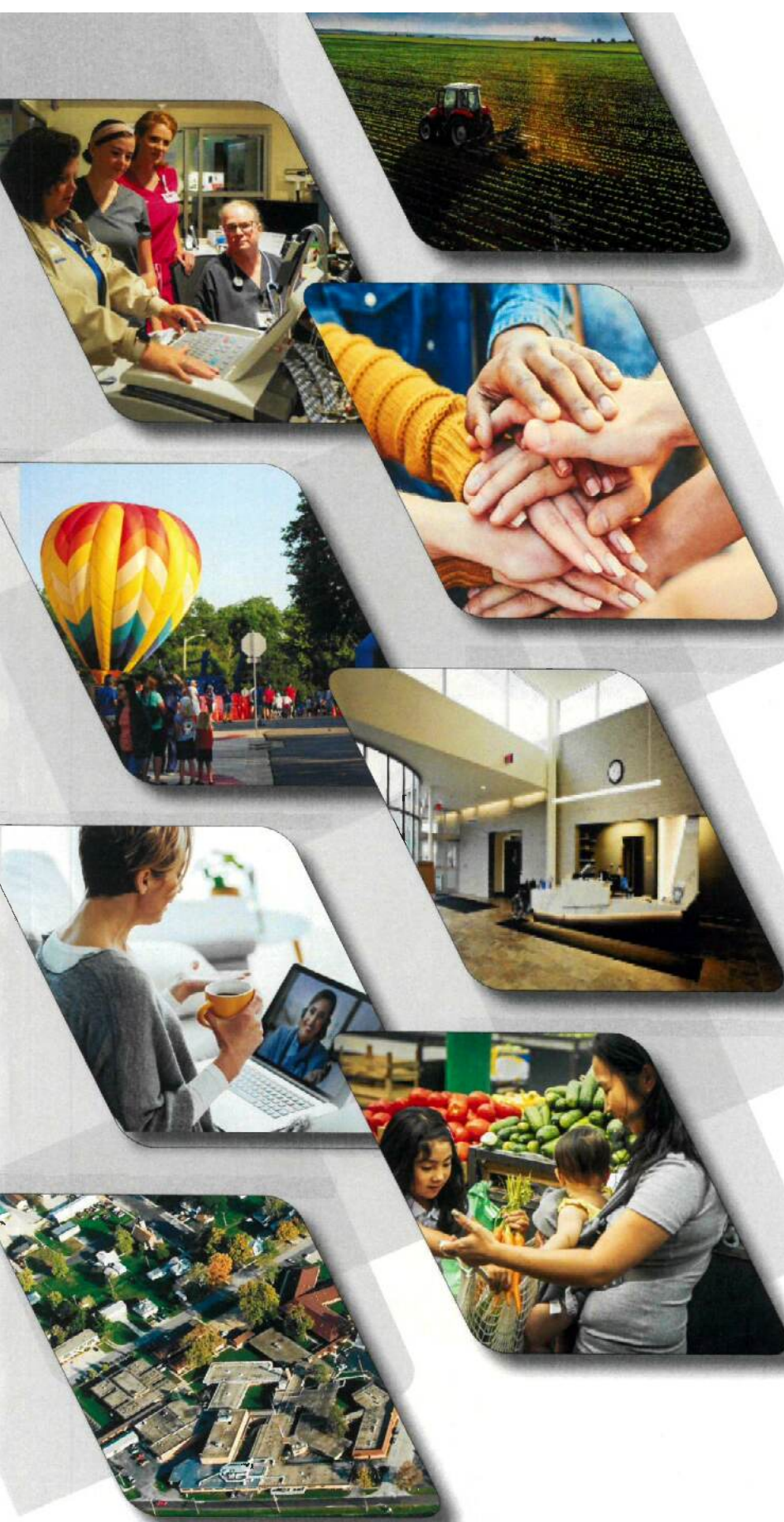
David Zimmerman, County Board Chair, Tazewell

Sean Berry, Superintendent, Tremont Community Unit School District 702

Matt Shipton, Board Member, Delavan Community Unit School District 703

Jenn Hubert, Registered Dietitian Nutritionist, Hopedale Medical Complex

Greg Eberle, Manager, Hopedale Wellness Center



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