

Community Health Needs Assessment

THOMAS H. BOYD MEMORIAL HOSPITAL 2022

800 SCHOOL STREET, CARROLLTON, IL 62016

Community Health Needs Assessment

Thomas H. Boyd Memorial Hospital 2022

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2022 Community Health Needs Assessment

Insight into Thomas H. Boyd Memorial Hospital's population

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 community assets and resources in order to plan and act upon priority community health needs.

This assessment process results in a CHNA report that assists the hospital in planning, implementing, and evaluating hospital strategies and community benefit activities. The Community Health Needs Assessment was developed and conducted in partnership with representatives from the community.

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 Carrollton and the surrounding area.

Introduction/Background

Thomas H. Boyd Memorial Hospital dba Boyd Healthcare Services is a 25 bed not for profit Critical Access Hospital. It was opened in September 1941, as an acute care hospital and in 1999 became the first critical access hospital in the State of Illinois. The hospital is licensed by the Illinois Department of Public Health. The hospital maintains a medical unit with a 24 hour Emergency Room Department. We provide primary care in four hospital based certified rural health clinics in three communities in the county. We also manage the only ambulance service located in Greene County. The hospital employees over 140 employees.

Thomas H. Boyd Memorial Hospital completed three Community Health Needs Assessments prior to 2022. The first CHNA was conducted in 2013 and it identified four different needs.

1. Basic wellness services, education and access for all residents
2. Mental Health Issues
3. Addressing access to quality local health care
4. Teen pregnancy.

The second CHNA was conducted in 2016 and identified three needs.

1. Wellness and Prevention
2. Mental Health and Substance Abuse
3. Education on key areas: Diabetes, Congestive Heart Failure, Chronic Obstructive pulmonary Diseased, Cardiovascular Disease/Stroke and Cancer.

The third CHNA conducted in 2019 identified four needs.

1. Mental Health
2. Substance Abuse/Controlled Substance Drugs
3. Local access to specialist services via telehealth.
4. Community Education

In response to these prior needs assessments, Thomas H. Boyd Memorial Hospital

- Implemented an indoor walking trail
- Added Locust Street Resource Center with staff here at the hospital weekly
- Added new physicians and mid-level providers to the four hospital based certified rural health clinics
- Offered tele-health services through STAT STROKE and STAT HEART
- Offered tele-health clinic services
- Obtained grants on the reduction of salt throughout the hospital, schools and public
- Offering educational programs on Stroke, Diabetes, Heart Disease, Alzheimers and COPD
- Offering yearly health fair with testing and educational materials
- Have begun offering classes in different areas of the county,
- Working with Locust Street to have a substance abuse counselor in the County 3 days a week
- Working with local staff to address prescription abuse. Have medication agreements, utilize the prescription monitoring program, and drug testing.
- Established a Chronic Care Management program and a Transitional Care management program.

Executive Summary

Thomas H. Boyd Memorial Hospital dba Boyd Healthcare Services conducted a Community Health Needs Assessment (CHNA) during the spring of 2019. Administration worked to complete this process to identify and analyze the community's health needs and update the community's resources to prioritize the health needs of our community. The CHNA is influenced by the large rural service area of Thomas H. Boyd Memorial Hospital.

The health profile of the service area of Thomas H. Boyd Memorial Hospital is influenced by the following indicators of social determinants of health:

1. Poverty – Children living in poverty
2. Poverty – Population below 100% of Federal Poverty Level
3. Unemployment
4. Access to mental healthcare
5. Access to dental care of low income, underinsured and uninsured.

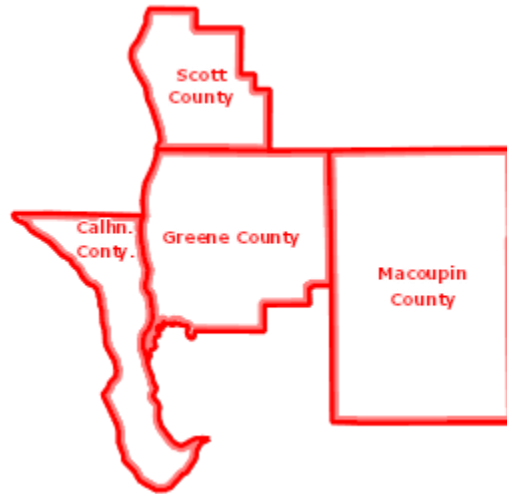
Community Health Needs Assessment Population

A total of 67,995 people live in the 1,910.63 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2016-2020 5-year estimates. The population density for this area, estimated at 36 persons per square mile, is less than the national average population density of 92 persons per square mile.

The primary service area consists of the following rural communities:

Cities:

Carrollton	Greenfield
Roodhouse	White Hall



Villages and Unincorporated Communities:

Eldred	Hardin	Hillview
Kampsville	Kane	Rockbridge

Demographic Profile

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

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Report Location	67,995	1,910.63	36
Calhoun County, IL	4,782	253.83	19
Greene County, IL	12,988	543.04	24
Macoupin County, IL	45,243	862.97	52
Scott County, IL	4,982	250.79	20
Illinois	12,716,164	55,513.17	229

Data Source: US Census Bureau, [American Community Survey](#). 2016-20.

Total Population by Race Alone, Total - This indicator reports the total population of the report by race alone.

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Location	65,648	694	266	165	34	243	945
Calhoun County, IL	4,634	29	52	15	0	2	50
Greene County, IL	12,571	195	14	1	4	65	138
Macoupin County, IL	43,601	449	178	141	0	159	715
Scott County, IL	4,842	21	22	8	30	17	42
Illinois	8,874,067	1,796,660	709,567	33,972	5,196	757,150	539,552

Data Source: US Census Bureau, [American Community Survey](#). 2016-20.

Total Population by Age Groups, Total

Report Area	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65+
Report Location	3,488	10,880	5,182	7,335	7,874	8,827	10,670	13,739
Calhoun County, IL	232	752	320	447	493	640	761	1,137
Greene County, IL	675	2,048	1,027	1,498	1,515	1,745	1,952	2,528
Macoupin County, IL	2,336	7,264	3,487	4,888	5,288	5,771	7,171	9,038
Scott County, IL	245	816	348	502	578	671	786	1,036
Illinois	755,518	2,099,915	1,174,031	1,763,829	1,638,700	1,636,992	1,656,753	1,990,426

Data Source: US Census Bureau, [American Community Survey](#), 2016-20.

Total Population by Age Groups, Total Report Location - Age 0-4: 5.1%, Age 5-17: 16%, Age 18-24: 7.6%, Age 25-34: 10.8%, Age 35-44: 11.6%, Age 45-54: 13%, Age 55-64: 15.7%, Age 65+: 20.2%

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

Report Area	Total Population	Median Age
Calhoun County, IL	4,782	46.8
Greene County, IL	12,988	42.5
Macoupin County, IL	45,243	43.9
Scott County, IL	4,982	45
Illinois	12,716,164	38.3

Data Source: Community Commons, <https://sparkmap.org/report/>

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

Report Area	Total Population (For Whom Disability Status Is Determined)	Total Population with a Disability	Percent Population with a Disability
Report Location	67,139	10,231	15.24%
Calhoun County, IL	4,704	871	18.52%
Greene County, IL	12,707	1,893	14.90%
Macoupin County, IL	44,797	6,801	15.18%
Scott County, IL	4,931	666	13.51%
Illinois	12,536,614	1,404,151	11.20%

Data Source: Community Commons, <https://sparkmap.org/report/>

Income & Economics

Unemployment Rate – Total unemployment in the report area for the current month equals 1,251, or 3.8% of the civilian non-institutionalized population age 16 and older (non-seasonally adjusted). This indicator is relevant because unemployment creates financial instability and barriers to access including insurance coverage, health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Report Location	32,920	31,669	1,251	3.8%
Calhoun County, IL	2,198	2,114	84	3.8%
Greene County, IL	5,994	5,759	235	3.9%
Macoupin County, IL	22,365	21,523	842	3.8%
Scott County, IL	2,363	2,273	90	3.8%
Illinois	6,483,598	6,169,310	314,288	4.8%

Data Source: US Department of Labor, [Bureau of Labor Statistics](#). 2022 - August.

Average Annual Unemployment Rate, 2011-2021

Report Area	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Report Location	9.4%	9.3%	9.3%	7.4%	6.3%	5.9%	5.0%	4.9%	4.1%	7.0%	4.6%
Calhoun County, IL	9.8%	10.0%	9.8%	8.3%	6.7%	6.1%	5.4%	5.1%	4.4%	7.9%	4.8%
Greene County, IL	8.7%	8.4%	8.6%	6.8%	6.1%	5.8%	5.1%	4.8%	4.1%	6.6%	4.6%
Macoupin County, IL	9.7%	9.5%	9.4%	7.5%	6.3%	6.0%	4.9%	4.9%	4.1%	7.1%	4.5%
Scott County, IL	8.3%	8.8%	8.9%	7.0%	5.9%	5.7%	5.2%	5.1%	4.5%	6.7%	5.1%
Illinois	9.8%	9.0%	9.1%	7.2%	6.0%	5.9%	4.9%	4.4%	4.0%	9.2%	6.1%

Data Source: US Department of Labor, [Bureau of Labor Statistics](#). 2019 - October.

Poverty Rate (< 100 % FPL) - Poverty is considered a key driver of health status.

In the report area 11.2% or 7,291 individuals for whom poverty status is determined are living in households with income below 100% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population in Poverty	Percent Population in Poverty
Report Location	65,325	7,291	11.2%
Calhoun County, IL	4,543	418	9.2%
Greene County, IL	12,338	1,641	13.3%
Macoupin County, IL	43,583	4,707	10.8%
Scott County, IL	4,861	525	10.8%
Illinois	12,283,264	1,351,159	11%

Data Source: US Census Bureau, [Small Area Income and Poverty Estimates](#). 2020.

Data Source: US Census Bureau, [American Community Survey](#). 2016-20.

Poverty Rate (< 185% FPL) - In the report area 28.36% or 18,875 individuals for whom poverty status is determined are living in households with income below 185% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Note: The total population measurements for poverty reports are lower, as poverty data collection does not include people in group quarters.

Report Area	Total Population	Population with Income Below 185% FPL	Population with Income Below 185% FPL, Percent
Report Location	66,546	18,875	28.36%
Calhoun County, IL	4,667	897	19.22%
Greene County, IL	12,677	3,853	30.39%
Macoupin County, IL	44,290	12,948	29.23%
Scott County, IL	4,912	1,177	23.96%
Illinois	12,418,504	3,095,502	24.93%

Education

Access - Preschool Enrollment (Age 3-4) - This indicator reports the percentage of the population age 3-4 that is enrolled in school. This indicator helps identify places where preschool opportunities are either abundant or lacking in the educational system.

Report Area	Population Age 3-4	Population Age 3-4 Enrolled in School	Population Age 3-4 Enrolled in School, Percent
Report Area	1278	801	62.67%
Calhoun County, IL	115	42	36.52%
Greene County, IL	193	95	49.22%
Macoupin County, IL	846	565	66.78%
Scott County, IL	124	99	79.84%
Illinois	310,067	169,361	54.62%

Data Source: US Census Bureau, [American Community Survey](#), 2016-20.

Attainment – Overview - Educational Attainment shows the distribution of the highest level of education achieved in the report area, and helps schools and businesses to understand the needs of adults, whether it be workforce training or the ability to develop science, technology, engineering, and mathematics opportunities. Educational attainment is calculated for persons over 25 years old, and is an estimated average for the period from 2016 to 2020.

Calhoun County – No High School Diploma 6.38%, High School Only 41.7%, Some College 20.2%, Associates Degree 16%, Bachelor's Degree 9.6%, Graduate or Professional Degree 6.1%.

Greene County – No High School Diploma 7.21%, High School Only 46.5%, Some College 21%, Associates Degree 10.1%, Bachelor's Degree 11%, Graduate or Professional Degree 4.3%.

Macoupin County – No High School Diploma 8.44%, High School Only 40.1%, Some College 22.8%, Associates Degree 10.2%, Bachelor's Degree 12.6%, Graduate or Professional Degree 5.9%.

Scott County – No High School Diploma 6.10%, High School Only 47%, Some College 17.3%, Associates Degree 8.7%, Bachelor's Degree 16.1%, Graduate or Professional Degree 4.9%.

Attainment - Bachelor's Degree or Higher — 17.85% of the population aged 25 and older, or 8,650 have obtained a Bachelor's level degree or higher. This indicator is relevant because educational attainment has been linked to positive health outcomes.

Report Area	Total Population Age 25+	Population Age 25+ with Bachelor's Degree or Higher	Population Age 25+ with Bachelor's Degree or Higher, Percent
Calhoun County, IL	3,478	546	15.70%
Greene County, IL	9,238	1,414	15.31%
Macoupin County, IL	32,156	5,941	18.48%
Scott County, IL	3,573	749	20.96%
Illinois	8,686,700	3,085,274	35.52%

Data Source: US Census Bureau, [American Community Survey](#), 2016-20

Attainment - No High School Diploma - Within the report area there are 3,821 persons aged 25 and older without a high school diploma (or equivalency) or higher. This represents 7.88% of the total population aged 25 and older. This indicator is relevant because educational attainment is linked to positive health outcomes ([Freudenberg & Ruglis, 2007](#)).

Report Area	Total Population Age 25+	Population Age 25+ with No High School Diploma	Population Age 25+ with No High School Diploma, Percent
Calhoun County, IL	3,478	222	6.38%
Greene County, IL	9,238	666	7.21%
Macoupin County, IL	32,156	2,715	8.44%
Scott County, IL	3,573	218	6.10%
Illinois	8,686,700	898,338	10.34%

Data Source: US Census Bureau, [American Community Survey](#), 2016-20

Housing & 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.

Households – Overview - This indicator reports the total number and percentage of households by composition (married couple family, nonfamily, etc.). According to the American Community Survey subject definitions, a family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption*. A non-family households is any household occupied by the householder alone, or by the householder and one or more unrelated individuals.

**Family households and married-couple families do not include same-sex married couples even if the marriage was performed in a state issuing marriage certificates for same-sex couples. Same sex couple households are included in the family households category if there is at least one additional person related to the householder by birth or adoption.*

Report Area	Total Households	Family Households	Family Households, Percent	Non-Family Households	Non-Family Households, Percent
Calhoun County, IL	1,661	1,214	73.09%	447	26.91%
Greene County, IL	4,984	3,320	66.61%	1,664	33.39%
Macoupin County, IL	18,577	12,528	67.44%	6,049	32.56%
Scott County, IL	1,973	1,427	72.33%	546	27.67%
Illinois	4,884,061	3,116,415	63.81%	1,767,646	36.19%

Data Source: US Census Bureau, [American Community Survey](#), 2016-20

Housing Quality - Substandard Housing - This indicator reports the number and percentage of owner- and renter-occupied housing units having at least one of the following conditions: 1) lacking complete plumbing facilities, 2) lacking complete kitchen facilities, 3) with 1 or more occupants per room, 4) selected monthly owner costs as a percentage of household income greater than 30%, and 5) gross rent as a percentage of household income greater than 30%. Selected conditions provide information in assessing the quality of the housing inventory and its occupants. This data is used to easily identify homes where the quality of living and housing can be considered substandard. Of the 1,661 total occupied housing units in the report area, 300 or 18.06% have one or more substandard conditions.

Report Area	Total Occupied Housing Units	Occupied Housing Units with One or More Substandard Conditions	Occupied Housing Units with One or More Substandard Conditions, Percent
Calhoun County, IL	1,661	300	18.06%
Greene County, IL	4,984	900	18.06%
Macoupin County, IL	18,577	3,973	21.39%
Scott County, IL	1,973	306	15.51%
Illinois	4,884,061	1,469,859	30.10%

Data Source: US Census Bureau, [American Community Survey](#), 2016-20

Substandard Housing: Number of Substandard Conditions Present

In the above locations, the counties break down by the following statistics:

Calhoun County: 0 conditions – 81.94%, 1 condition – 18.06%, 2 or 3 conditions – 0%, 4 or more conditions – 0%

Greene County: 0 conditions – 81.94%, 1 condition – 17.60%, 2 or 3 conditions – 0.46%, 4 or more conditions – 0%

Macoupin County: 0 conditions – 78.61%, 1 condition – 20.41%, 2 or 3 conditions – 0.98%, 4 or more conditions – 0%

Scott County: 0 conditions – 84.49%, 1 condition – 15.31%, 2 or 3 conditions – .20%, 4 or more conditions – 0%

Other Social & Economic Factors

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

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 & 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 (2020)	State Percentile	National Percentile
Calhoun County, IL	4,437	70	67
Greene County, IL	11,985	86	84
Macoupin County, IL	44,967	79	76
Scott County, IL	4949	87	81
Illinois	12,812,508	No data	50

Data Source: University of Wisconsin-Madison School of Medicine and Public Health, [Neighborhood Atlas](#). 2020

Households with No Motor Vehicle - This indicator reports the number and percentage of households with no motor vehicle based on the latest 5-year American Community Survey estimates.

Calhoun County reports 1,661 Total Occupied Households. 55 of those or 3.31% are without a motor vehicle.

Greene County reports 4,984 Total Occupied Households. 163 of those or 3.27% are without a motor vehicle.

Macoupin County reports 18,577 Total Occupied Households. 789 of those or 4.25% are without a motor vehicle.

Scott County reports 1,973 Total Occupied Households. 71 of those or 3.6% are without a motor vehicle.

Insurance - Uninsured Population (ACS) - The lack of health insurance is considered a *key driver* of health status. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population (For Whom Insurance Status is Determined)	Uninsured Population	Uninsured Population, Percent
Calhoun County, IL	4,704	46	0.98%
Greene County, IL	12,707	717	5.64%
Macoupin County, IL	44,797	1,826	4.08%
Scott County, IL	4,931	154	3.12%
Illinois	12,536,614	854,433	6.82%

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

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

Report Area	Total Population	Population Receiving SNAP Benefits	Population Receiving SNAP Benefits, Percent
Calhoun County, IL	4,739	576	12.2%
Greene County, IL	12,969	2,150	16.6%
Macoupin County, IL	44,926	7,126	15.9%
Scott County, IL	4,951	625	12.6%
Illinois	12,671,821	1,832,120	14.5%

Data Source: US Census Bureau, [Small Area Income and Poverty Estimates](#). 2019

Social Vulnerability Index - The degree to which a community exhibits certain social conditions, including high poverty, low percentage of vehicle access, or crowded households, may affect that community's ability to prevent human suffering and financial loss in the event of disaster. These factors describe a community's social vulnerability.

The social vulnerability index is a measure of the degree of social vulnerability in counties and neighborhoods across the United States, where a higher score indicates higher vulnerability.

Report Area	Total Population	Socioeconomic Theme Score	Household Composition Theme Score	Minority Status Theme Score	Housing & Transportation Theme Score	Social Vulnerability Index Score
Calhoun County, IL	4,858	0.35	0.50	0.01	0.24	0.19
Greene County, IL	13,218	0.47	0.50	0.01	0.12	0.20
Macoupin County, IL	45,719	0.44	0.40	0.07	0.15	0.20
Scott County, IL	5,047	0.40	0.32	0.06	0.08	0.14
Illinois	12,821,497	0.39	0.22	0.77	0.60	0.49

Data Source: Centers for Disease Control and Prevention and the National Center for Health Statistics, [CDC - GRASP](#). 2018.

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.

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
Calhoun County, IL	260	27	10.38%
Greene County, IL	680	15	2.21%
Macoupin County, IL	2,246	268	11.93%
Scott County, IL	240	16	6.67%
Illinois	662,629	42,650	6.44%

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

Physical Environment

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

Built Environment - Broadband Access –

This indicator reports the percentage of 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 represent both wireline and fixed/terrestrial wireless internet providers. Cellular internet providers are not included.

Report Area	Total Population (2020)	Access to DL Speeds > 25MBPS (2021)
Calhoun County, IL	4,616	63.47%
Greene County, IL	12,702	93.61%
Macoupin County, IL	44,567	84.11%
Scott County, IL	4,950	95.47%
Illinois	12,587,504	99.18%

Data Source: Federal Communications Commission, [National Broadband Map](#). June 2021

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

Report Area	Total Population (2010)	Food Desert Census Tracts	Other Census Tracts	Food Desert Population	Other Population
Calhoun County, IL	5,089	0	2	0	5,089
Greene County, IL	13,886	0	5	0	13,886
Macoupin County, IL	47,765	1	12	2519	48,246
Scott County, IL	5,355	0	2	0	5,355
Illinois	12,830,632	319	2,796	1,242,939	11,587,693

Data Source: US Department of Agriculture, Economic Research Service, [USDA - Food Access Research Atlas](#). 2019 *This information predates the two Kroger Stores closing in Carrollton and White Hall.

Food Environment - Grocery Stores - Healthy dietary behaviors are supported by access to healthy foods, and Grocery Stores are a major provider of these foods. 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. *Note: Counts of establishments < 3 are suppressed.*

Report Area	Total Population (2020)	Number of Establishments	Establishments, Rate per 100,000 Population
Calhoun County, IL	4,437	3	67.61
Greene County, IL	11,985	5	41.72
Macoupin County, IL	44,967	7	15.57
Scott County, IL	4,949	Suppressed	Suppressed
Illinois	12,812,508	2,502	19.53

Data Source: US Census Bureau, [County Business Patterns](#). Additional data analysis by [CARES](#). 2020. *This information predates the two Kroger Stores closing in Carrollton and White Hall.

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

Report Area	Total Population (2020)	Total SNAP-Authorized Retailers	SNAP-Authorized Retailers, Rate per 10,000 Population
Calhoun County, IL	4,616	3	6.50
Greene County, IL	12,702	15	11.81
Macoupin County, IL	44,567	47	10.55
Scott County, IL	4,950	4	8.08
Illinois	12,587,504	9,294	7.38

Data Source: US Department of Agriculture, Food and Nutrition Service, [USDA - SNAP Retailer Locator](#). Additional data analysis by [CARES](#). 2021

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.

Cancer Screening - Mammogram (Medicare) - This indicator reports the percentage of female Medicare beneficiaries age 35 and older who had a mammogram in most recent reporting year. The American Cancer Society recommends that women age 45 to 54 should get a mammogram every year, and women age 55 and older should get a mammogram every other year.

Report Area	Medicare Beneficiaries	Female Beneficiaries with Recent Mammogram, Percent
Calhoun County, IL	1,181	29%
Greene County, IL	2,931	35%
Macoupin County, IL	10,844	35%
Scott County, IL	1,089	33%
Illinois	2,078,514	35%

Data Source: Centers for Medicare and Medicaid Services, [Mapping Medicare Disparities Tool](#), 2019

Diabetes Management - Hemoglobin A1c Test - This indicator reports the percentage of diabetic Medicare patients who have had a hemoglobin A1c (hA1c) test, a blood test which measures blood sugar levels, administered by a health care professional in the past year. Data is obtained from the Dartmouth Atlas Data - Selected Primary Care Access and Quality Measures (2008-2019). This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Medicare Enrollees with Diabetes	Medicare Enrollees with Diabetes with Annual Exam	Medicare Enrollees with Diabetes with Annual Exam, Percent
Calhoun County, IL	110	98	89.09%
Greene County, IL	242	212	87.60%
Macoupin County, IL	1,046	961	91.87%
Scott County, IL 84	84	76	90.68%
Illinois	149,160	131,981	88.48%

Data Source: Dartmouth College Institute for Health Policy & Clinical Practice, Dartmouth Atlas of Health Care. 2019

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

Report Area	Medicare Beneficiaries	Preventable Hospitalizations, Rate per 100,000 Beneficiaries
Calhoun County, IL	1,181	2,054
Greene County, IL	2,931	3,439
Macoupin County, IL	10,844	2,669
Scott County, IL	1,089	2710
Illinois	2,078,514	3,275

Data Source: Centers for Medicare and Medicaid Services, [Mapping Medicare Disparities Tool](#). 2020

Health Behaviors

Health behaviors such as poor diet, a lack of exercise, and substance abuse contribute to poor health status.

Alcohol - Heavy Alcohol Consumption - Data for this indicator were based on survey responses to the 2019 Behavioral Risk Factor Surveillance System (BRFSS) annual survey and are used for the 2022 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 time period. Alcohol use is a behavioral health issue that is also a risk factor for a number of negative 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. There are a number of evidence-based interventions that may reduce excessive/binge drinking; examples include raising taxes on alcoholic beverages, restricting access to alcohol by limiting days and hours of retail sales, and screening and counseling for alcohol abuse (Centers for Disease Control and Prevention, Preventing Excessive Alcohol Use, 2020).

Report Area	Population Age 18+	Adults Reporting Excessive Drinking	Percentage of Adults Reporting Excessive Drinking
Calhoun County, IL	3,791	908	23.96%
Greene County, IL	10,246	2,430	23.72%
Macoupin County, IL	35,492	8,244	23.23%
Scott County, IL	3,911	893	22.84%
Illinois	9,884,020	2,267,968	22.95%

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Accessed via [County Health Rankings](#). 2019

Physical Inactivity - Within the report area, 773 or 19.1% of adults aged 20 and older self-report no active leisure time, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?" This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular health.

Report Area	Population Age 20+	Adults Age 20+ with No Leisure Time Physical Activity	Adults Age 20+ with No Leisure Time Physical Activity, Percent
Calhoun County, IL	3,699	773	19.1%
Greene County, IL	9,960	1,982	18.7%
Macoupin County, IL	34,531	6,699	18.3%
Scott County, IL	3,804	776	19.2%
Illinois	9,534,605	2,043,592	20.8%

Data Source: Centers for Disease Control and Prevention, [National Center for Chronic Disease Prevention and Health Promotion](#). 2019

Tobacco Usage - 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.

Report Area	Total Population (2019)	Adults Age 18+ as Current Smokers (Crude)	Adults Age 18+ as Current Smokers (Age-Adjusted)
Calhoun County, IL	4,739	18.70%	20.50%
Greene County, IL	12,969	20.70%	21.80%
Macoupin County, IL	44,926	19.30%	20.40%
Scott County, IL	4,951	19.60%	20.70%
Illinois	12,671,821	15.32%	15.66%

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Accessed via the [PLACES Data Portal](#). 2019

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.

Birth Outcomes - Low Birth Weight (CDC) - This indicator reports the percentage of live births where the infant weighed less than 2,500 grams (approximately 5 lbs., 8 oz.). These data are reported for a 7-year aggregated time period. Data were from the National Center for Health Statistics - Natality Files (2014-2020) and are used for the 2022 County Health Rankings.

Report Area	Total Live Births	Low Birthweight Births	Low Birthweight Births, Percentage
Calhoun County, IL	317	23	7.3%
Greene County, IL	897	71	7.9%
Macoupin County, IL	3,162	318	10.1%
Scott County, IL	328	27	8.2%
Illinois	1,038,181	86,795	8.4%

Data Source: University of Wisconsin Population Health Institute, [County Health Rankings](#). 2014-2020.

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).

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
Calhoun County, IL	8,077	36	445.7
Greene County, IL	18,401	99	538.0
Macoupin County, IL	65,184	343	524.2
Scott County, IL	7,103	39	549.0
Illinois	14,903,598	69,570	466.8

Data Source: [State Cancer Profiles](#). 2014-18

Chronic Conditions - Asthma (Medicare Population) - This indicator reports the number and percentage of the Medicare Fee-for-Service population with asthma. Data are based upon Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the Fee-for-Service program.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Asthma	Percentage with Asthma
Calhoun County, IL	963	29	3.0%
Greene County, IL	2,395	82	3.4%
Macoupin County, IL	8,841	372	4.2%
Scott County, IL	793	29	3.7%
Illinois	1,443,297	67,431	4.7%

Data Source: Centers for Medicare & Medicaid Services, [Centers for Medicare & Medicaid Services - Chronic Conditions](#), 2018

Chronic Conditions - Diabetes Prevalence (Adult) - This indicator reports the number and percentage of adults age 20 and older who have ever been told by a doctor that they have diabetes. This indicator is relevant because diabetes is a prevalent problem in the U.S.; it may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Report Area	Population Age 20+	Adults Age 20+ with Diagnosed Diabetes	Adults Age 20+ with Diagnosed Diabetes, Age-Adjusted Rate
Calhoun County, IL	3,695	351	7%
Greene County, IL	9,989	939	7.6%
Macoupin County, IL	34,574	3,250	7.5%
Scott County, IL	3,789	341	7.2%
Illinois	9,545,729	913,727	8.5%

Data Source: Centers for Disease Control and Prevention, [National Center for Chronic Disease Prevention and Health Promotion](#), 2019

Chronic Conditions - Heart Disease (Medicare Population) - This indicator reports the number and percentage of the Medicare Fee-for-Service population with ischemic heart disease. Data are based upon Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the Fee-for-Service program.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Heart Disease	Beneficiaries with Heart Disease, Percent
Calhoun County, IL	963	320	33.2%
Greene County, IL	2,395	752	31.4%
Macoupin County, IL	8,841	2,679	30.3%
Scott County, IL	793	238	30.0%
Illinois	1,443,297	383,929	26.6%

Data Source: Centers for Medicare & Medicaid Services, [Centers for Medicare & Medicaid Services - Chronic Conditions](#), 2018

Chronic Conditions - High Blood Pressure (Medicare Population) - This indicator reports the number and percentage of the Medicare Fee-for-Service population with hypertension (high blood pressure). Data are based upon Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the Fee-for-Service program.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with High Blood Pressure	Beneficiaries with High Blood Pressure, Percent
Calhoun County, IL	963	667	69.3%
Greene County, IL	2,395	1,505	62.8%
Macoupin County, IL	8,841	5,535	62.6%
Scott County, IL	793	510	64.3%
Illinois	1,443,297	844,619	58.5%

Data Source: Centers for Medicare & Medicaid Services, [Centers for Medicare & Medicaid Services - Chronic Conditions](#), 2018

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 resummarized for report areas from county level data, only where data is available. This indicator is relevant because cancer is a leading cause of death in the United States.

Report Area	Total Population, 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)
Calhoun County, IL	4,777	65	272.1	148.1
Greene County, IL	12,996	164	252.4	169.7
Macoupin County, IL	45,232	625	276.4	181.4
Scott County, IL	4,976	75	301.4	198.9
Illinois	12,720,799	120,341	189.2	155.4

Data Source: Centers for Disease Control and Prevention, [CDC - National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2016-20

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 resummarized for report 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.

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)
Calhoun County, IL	4,777	52	217.7	119.4
Greene County, IL	12,996	124	190.8	128.4
Macoupin County, IL	45,232	302	133.5	87.0
Scott County, IL	4,976	41	164.8	99.1
Illinois	12,720,799	64,237	101.0	82.1

Data Source: Centers for Disease Control and Prevention, [CDC - National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2016-2020

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. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because stroke is a leading cause of death in the United States. *Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.*

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)
Calhoun County, IL	4,777	14	No data	No data
Greene County, IL	12,996	38	58.5	36.6
Macoupin County, IL	45,232	153	67.7	43.5
Scott County, IL	4,976	11	No Data	No Data
Illinois	12,720,799	30,448	47.9	39.1

Data Source: Centers for Disease Control and Prevention, [CDC - National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2016-2020

Obesity - This indicator reports the number and percentage of adults aged 20 and older self-report having a Body Mass Index (BMI) greater than 30.0 (obese). Respondents were considered obese if their Body Mass Index (BMI) 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.

Report Area	Population Age 20+	Adults with BMI > 30.0 (Obese)	Adults with BMI > 30.0 (Obese), Percent
Calhoun County, IL	3,699	847	22.4%
Greene County, IL	9,950	2,388	23.7%
Macoupin County, IL	34,494	8,865	25.5%
Scott County, IL	3,792	857	22.2%
Illinois	9,523,557	2,673,824	27.8%

Data Source: Centers for Disease Control and Prevention, [National Center for Chronic Disease Prevention and Health Promotion](#). 2019

Special Topics - COVID-19

Indicators in this section are part of a series of rotating special topics. These indicators are publicly available to all users to help inform response to current events.

COVID-19 - Confirmed Cases - 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.

Report Area	Total Population	Total Confirmed Cases	Confirmed Cases, Rate per 100,000 Population	Last Update
Calhoun County, IL	4,802	1,795	37,380.26	11/14/2022
Greene County, IL	13,044	4,090	31,355.41	11/8/2022
Macoupin County, IL	45,313	15,114	33,354.67	11/8/2022
Scott County, IL	4,926	1,457	29,577.75	11/8/2022
Illinois	12,741,080	3,834,845	30,098.27	11/14/2022

Data Source: [Johns Hopkins University](#). Accessed via [ESRI](#). Additional data analysis by [CARES](#). 2022

COVID-19 – Mortality - In the report area, there have been 5 total deaths among patients with confirmed cases of the coronavirus disease COVID-19. The mortality rate in the report area is 104.12 per 100,000 population, which is less than the state average of 277.27. Data are current as of 11/14/2022.

Report Area	Total Population	Total Deaths	Deaths, Rate per 100,000 Population	Last Update
Calhoun County, IL	4,802	5	104.12	11/14/2022
Greene County, IL	13,044	47	360.32	11/8/2022
Macoupin County, IL	45,313	145	320.00	11/8/2022
Scott County, IL	4,926	14	284.21	11/8/2022
Illinois	12,741,080	35,327	277.27	11/14/2022

Data Source: [Johns Hopkins University](#). Accessed via [ESRI](#). Additional data analysis by [CARES](#). 2022

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 concerning vaccine rollout may be in some communities compared to others, with values ranging from 0 (least concerning) to 1 (most concerning).

Report Area	Percent of Adults Fully Vaccinated	Estimated Percent of Adults Hesitant About Receiving COVID-19 Vaccination	Vaccine Coverage Index	Last Update
Calhoun County, IL	62.80%	10.42%	0.38	09/28/2022
Greene County, IL	53.50%	10.42%	0.48	09/28/2022
Macoupin County, IL	64.90%	10.42%	0.13	09/28/2022
Scott County, IL	51.50%	10.42%	0.29	09/28/2022
Illinois	77.17%	7.95%	0.37	09/28/2022

Description of Data Sources

The following quantitative sources were reviewed for health information:

Source and 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.

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.

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.

Community Commons – Community Commons is an interactive mapping, networking and learning utility for the broad-based health, sustainable and livable communities' movement.

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.

HRSA – The Health Resources and Services Administration of the U.S. 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 Medical Underserved Areas and Populations.

ESRI – (Environmental Systems Research Institute) allows for specialized inquiries at the zip code or other defined level.

Illinois State Board of Education – This administers public education in the state of Illinois that release the make-up, needs and performances of local schools

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.

USDA- It collects and analyzes information related to nutrition and local production and food availability.

QUALITATIVE DATA

Qualitative Data was reviewed to help validate the selection of health priorities. In alignment with IRS Treasury Notice 2011-52,2 and the subsequent final rules reported at 79 FR 78953, the qualitative/primary data received and reviewed included primary input from (1) At least one state, local, tribal or regional governmental public health department (or equivalent department or agency) with knowledge, information, or expertise relevant to the health needs of the community and, (2) members of medically underserved, low-income and minority populations in the community or individuals or organizations serving or representing the interests of such populations.

No written comments were received concerning the hospital facility's most recently conducted CHNA nor on the most recently adopted implementation strategy.

Data was also gathered representing the broad interests of the community. The hospital took into account input from persons who represent the broad interest of the community served by the hospital, including those with special knowledge of, or expertise in public health (local, regional, state and/or tribal).

Members of the CHNA committee, who participated in focus groups and the needs identification and prioritization process, were chosen based on their unique expertise and experience, informed perspectives, and involvement with the community. A notice was also placed inviting any concerned citizens to participate in the focus meetings in each community.

Description of the Community Health Needs Identified with Implementation Strategies

Focus Groups:

The first focus group met on December 19th in Roodhouse. The community issues discussed were:

1. Additional clinic is needed in North County. It is too hard to get into Roodhouse after the closing of White Hall. There is an entire dynamic that we are missing up here. Not everyone drives and so it is hard to get to a Boyd Facility. With the decrease of staff at the JCH office there is definitely a need that we are not filling. A walk in clinic would be the most useful.
2. Blue Cross/Blue Shield insurance requires everyone to go south and so it is difficult to get in anywhere.

The second focus group met on December 19th in Greenfield. There were no community needs addressed by those present.

The third focus group met on December 26th in Carrollton and again there were no community needs voiced by those present.

The fourth focus group met on December 29th in Carrollton. The community issues discussed were:

1. Specialty clinics are needed.
2. A pediatrician even part time is needed
3. Can we do some screening stress tests? That would save people from having to go to Springfield.

The fifth focus group was held with just the pharmacists from the Carrollton Pharmacy Plus.

1. They felt that the facility should be working more with the other healthcare providers like pharmacy, White Hall Nursing and Rehab, Locust Street and the Greene County Health Department. There is a huge amount of work that needs to be done for the community and we have to work together.
2. The health literacy is very poor and educational classes are needed at the very basic level. There are diabetics that don't understand their disease and aren't even sure what a carbohydrate is. The hospital needs to work on filling those voids.

The last focus group was the entire Boyd employee base. These are their community concerns:

1. We need to educate patients. A program with diabetes or high blood pressure would be very useful.
2. Obesity is a huge problem. We need to focus on weight loss programs that are fun so people would participate. Something like the biggest loser competition may motivate people.

3. A program led by a dietician where healthy recipes are handed out would help educate patients on diet.
4. We need some type of “Motivate to Move” program where people get exercise. This community offers no type of exercise that you don’t have to pay for.
5. We need more than a health fair once a year for one day. We need to provide reduced services for several types of diseases to educate the community.
6. We need a pediatrician and other specialty clinics to come to the hospital.
7. Can we do specific types of lunch and learn meetings to educate the public especially on diabetes.
8. We need to engage kids that are 10 and over to do CPR, eat well, and stay healthy. If the kids get interested the parents may too.

Health Needs Identified:

- Disease education, especially diabetes and hypertension
- Some type of free exercise to combat the obesity epidemic
- Specialty clinics, especially a pediatrician.
- Better communication and cooperation by doing joint ventures, between Thomas H. Boyd Memorial Hospital and other healthcare organizations in the community.
- Another clinic in North County, especially a walk in clinic.
- Engagement of the children in the community to move toward wellness.

Documenting and Communicating Results

Implementation Strategies.

1. Health Education
 - a. Better access to health education
 - b. More monitoring opportunities

Actions:

- a. Lunch and learn classes at no charge with a focus on diabetes and hypertension.
- b. Working on providing lower cost screenings twice a year instead of once a year.
- c. Providing written education that would be available at all clinics and the facility.

2. Encourage exercise and education to combat obesity
 - a. Better access to free or reduced cost exercise programs.
 - b. Education

Actions:

- a. Plan joint ventures to provide free or low cost exercise to the community.
- b. Work with the schools and churches to utilize gymnasiums that may not be used on a particular night for activities.
- c. Provide education on a sedentary life style, diet, exercise and obesity.
- d. Provide a dietician and a healthy eating plan, complete with recipes.

3. Provide improved local access to specialist services to include, but not limited to:
 - a. Pediatrics
 - b. Endocrinology
 - c. Pulmonology
 - d. Neurology
 - e. Dermatology
 - f. Continue with Cardiology

Actions: Promote and work with the SIU telehealth program

- a. Attempt to recruit providers to provide an in person clinic at the Medical Staff building.

4. Explore the need for additional health care in the northern part of the community.

Actions:

- a. Explore possible financial feasibility of another clinic.
- b. Explore possible licensure of another clinic.
- c. Explore possible sites for another clinic

- d. Explore possible providers for another clinic
- 5. Start a children's health program to focus on health and not illness.

Actions:

- a. Explore a cooperation with the school districts to do Hands On CPR for children.
- b. Work with the schools to provide education for the children.
- c. Create an educational program and materials on a child's topic. Reach out to coordinate with local community resources and Children's Hospital in St. Louis as well as St. John's Hospital in Springfield.

Resources Available

The following different agencies have been identified for resources available in Boyd Healthcare Service Area. A resource manual is available at the hospital.

Abuse:

- a. DCFS
- b. Equip for Equality
- c. Prairie Counsel on Aging

Adoption/Foster Care

- a. DCFS
- b. Hobby Horse House Child Welfare Agency

Alcohol & Drug Abuse

- a. Al-ANON & ALTEEN
- b. Center Stone
- c. Gateway Foundation
- d. Locust Street Resources Center
- e. Wells Center

Child Care

- a. Educational Day Care Center
- b. Hobby Horse House Child Welfare Agency
- c. Presbyterian Church Day Care
- d. West Central Child Care Connections

Clothing

- a. ACTS
- b. Boyd's Closet
- c. Catholic Charities

Counseling

- a. American Cancer Society
- b. Blessing Hospice – Greene County
- c. Crisis Center Foundation
- d. Epilepsy Resource Center
- e. Equip for Equality
- f. Hobby Horse House Child Welfare Agency
- g. Prairie Center Against Sexual Assault
- h. Wells Center

Crisis Intervention

- a. American Red Cross
- b. Carrollton Township
- c. Locust Street Resources Center
- d. Prairie Center Against Sexual Assault

Disability Services & Assessment

- a. Child and Family Connections
- b. Department of Human Services Rehab

Elder Care

- a. Community Care Systems, INC
- b. Greene County Senior Citizens Center
- c. Home Instead Senior Care
- d. Jerseyville Manor
- e. Jerseyville Nursing & Rehabilitation
- f. Prairie Counsel on Aging
- g. White Hall Nursing & Rehabilitation
- h. Willow Rose Nursing & Rehab

Education Information

- a. Epilepsy Resource Center
- b. Four Rivers Special Education
- c. Greene County Health Department
- d. University of Illinois Extension – Greene County
- e. Wells Center
- f. West Central Development Council, INC

Employment Services

- a. West Central Development Council, INC

Financial Assistance

- a. American Cancer Society
- b. Thomas H. Boyd Memorial Foundation/Costello Trust (Catastrophic conditions)

Food Assistance

- a. American Cancer Society
- b. Area Agency on Aging for Lincolnland
- c. Carrollton Food Pantry
- d. Carrollton Township

- e. Catholic Charities
- f. Greene County We Care
- g. Greenfield Food Pantry
- h. Illinois Valley Economic Development Corp.
- i. North Greene Food Pantry

Healthcare

- a. All Hart Chiropractic
- b. Beavers Family Dentistry
- c. Boyd Fillager Clinic
- d. Carrollton Family Dental
- e. Daniel Woodlock, DDS
- f. Greene County Health Department
- g. Greene County Rural Health Clinic
- h. Illinois Poison Center
- i. JCH Medical Group
- j. Jersey Community Hospital
- k. Memorial Hospital – Jacksonville
- l. Prairie Cardiovascular (At Boyd Healthcare)
- m. Rural Health Center of Roodhouse
- n. Shriners Hospital for Children
- o. Thomas H. Boyd Memorial Hospital
- p. Thomas H. Boyd Rural Health Clinic

Health Education

- a. American Cancer Society
- b. American Red Cross
- c. Morgan County Tuberculosis Clinic

Hospice

- a. Blessing Hospice of Greene County

Legal Assistance

- a. Area Agency on Aging for Lincolnland
- b. Crisis Center Foundation
- c. Equip for Equality
- d. Greene/Scott County Probation Department
- e. Illinois Lawyer Referral Services
- f. Land of Lincoln Legal Aid

Medical Assistance

- a. Catholic Charities

- b. Department of Human Services Rehab

Pregnancy and Parenting

- a. Catholic Charities
- b. Greene County Health Department

Prescriptions

- a. CVS
- b. Pharmacy Plus – Carrollton
- c. Pharmacy Plus – Greenfield
- d. Pharmacy Plus- Roodhouse
- e. Pharmacy Plus – White Hall
- f. Walgreens
- g. Walmart

Respite Care

- a. Area Agency on Aging for Lincolnland
- b. Thomas H. Boyd Memorial Hospital
- c. White Hall Nursing and Rehab

Shelter

- a. American Red Cross
- b. Area Agency on Aging for Lincolnland
- c. Carrollton Township
- d. Crisis Center Foundation
- e. Department of Human Services
- f. Housing Authority of Greene County
- g. Illinois Valley Economic Development Corp.

Support Groups

- a. AL-ANON & ALTEEN
- b. American Cancer Society
- c. Prairie Center Against Sexual Assault

Transportation

- a. American Cancer Society
- b. Area Agency on Aging for Lincolnland
- c. Calhoun County Gas Card for Cancer Program
- d. Greene County Gas Card for Cancer Program
- e. Tri-county Transit