

Community Health Needs Assessment

Thomas H. Boyd Memorial Hospital 2016

Community Health Needs Assessment

Thomas H. Boyd Memorial Hospital 2016

TABLE OF CONTENTS

1. INTRODUCTION

- a. Executive summary
- b. Background
- c. Boyd Healthcare Services Demographics.

2. Establishing the CHNA Infrastructure and Partnerships

3. Defining the Purpose and Scope

4. Secondary Data Collections

5. Committee Members

6. Focus Groups

- a. Community Health Needs Identified
- b. Prioritization of Identified Needs

7. Previous CHNA Needs Identified

8. Resources Available.

9. References

10. Documenting and Communicating Results

11. Implementation

- a. Strategies

Executive Summary

Thomas H. Boyd Memorial Hospital dba Boyd Healthcare Services conducted a Community Health Needs Assessment (CHNA) during the spring of 2016. Administration worked with the Greene County Health Department to complete this process that allows the community to identify and analyze the community's health needs and the community's resources to prioritize the health needs of our community.

The Hospital Administrator and the Greene County Health Department Administrator worked together to complete the CHNA and the IPlan that is required. Both agencies reviewed pages of demographic and health data that was specific to the hospital service area. Boyd Healthcare Services rural areas. We reviewed the prior IPlan and CHNA to look at all issues from mental health, wellness and prevention and other related issues.

We brought together healthcare providers, partners and persons who represent the interests of their local communities along with city and county officials, three school superintendents, business leaders and concerned citizens to discuss the overall state of health here in the Hospital's service area.

These meetings brought to light the positive developments in our health system in the county and also identified issues that still need work. A review of the previous CHNA was reviewed and several key areas were noted with improvements.

The needs that were identified as significant health needs by the group are:

1. Wellness and Prevention
2. Health Education
3. Mental Health Availability
4. Access to Specialty Services
5. Substance Abuse

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 IL. The hospital is licensed by the Illinois Department of Public Health. The Hospital maintains a medical unit with a 24 hour Emergency Department. We provide primary care in four hospital based certified rural health clinics in four communities in the county. We also manage the only ambulance service located in Greene County that runs 2 ACLS rigs daily. The hospital employs over 120 employees.

Demographic Profile



Table 1. Population by Race – Thomas H. Boyd Memorial Hospital Service Area

Race and Ethnicity	2014 Estimates*		2017 Prediction**	
	Number	Percent	Number	Percent
White (only)	13,369	97.7%	13,600	97.8%
Black or African American (only)	136	1.0%	120	0.9%
American Indian (only)	16	0.1%	24	0.2%
Asian (only)	8	0.1%	7	0.1%
Pacific Islander/Hawaiian (only)	0	0.0%	2	0.0%
Some Other Race (only)	44	0.3%	41	0.3%
Two or More Races	104	0.8%	101	0.7%
Hispanic or Latino	135	1.0%	129	0.9%

*2014 Numbers Based on American Fact Finder via U.S. Census Bureau

**2017 Prediction Based on “ESRI, 2013” as Reported in 2013 CHNA Publication

The race and ethnicity makeup of the service area indicates that the numbers are typical of rural Illinois exhibiting a predominantly “white” population with very little ethnic variation. No significant change (less than one full percent in all categories) in the profile is projected for 2017.

The broad demographic profile of the Thomas H. Boyd Memorial Hospital service area was determined from data reported by the 2010 United States Census Bureau, American Fact Finder (hosted by United States Census Bureau), and derived from numbers previously reported on the Community Health Needs Assessment published in 2013 (including data predictions from Environmental Systems Research Institute, Inc. – “ESRI”). The following chart and data profile trends in the demographic environment surrounding the Thomas H. Boyd Memorial Hospital service area.

Table 2. Demographic Trends – Thomas H. Boyd Memorial Hospital Service Area

Summary	2010	2014 Estimates*		2017**
	Number	Number	Change	Number
Population	13,886	13,677	-1.5%	13,905
Households	6,389	6,371	-0.2%	5,606
Families	3,777	3,847	+1.9%	3,769
Median Age	41.6	42.4	+0.2%	42.8
Median Household Income	\$41,450	\$43,178	+4.2%	X
Average Household Size	2.44	2.39	-0.2%	2.43
Owner Occupied Housing Units	4,259	4,359	+2.4%	4,259
Renter Occupied Housing Units	1,311	1,330	+1.5%	1,347
Vacant Housing Units	819	682	-17%	X

2010 Numbers Derived From United States Census Data

*2014 Numbers Based on American Fact Finder via U.S. Census Bureau

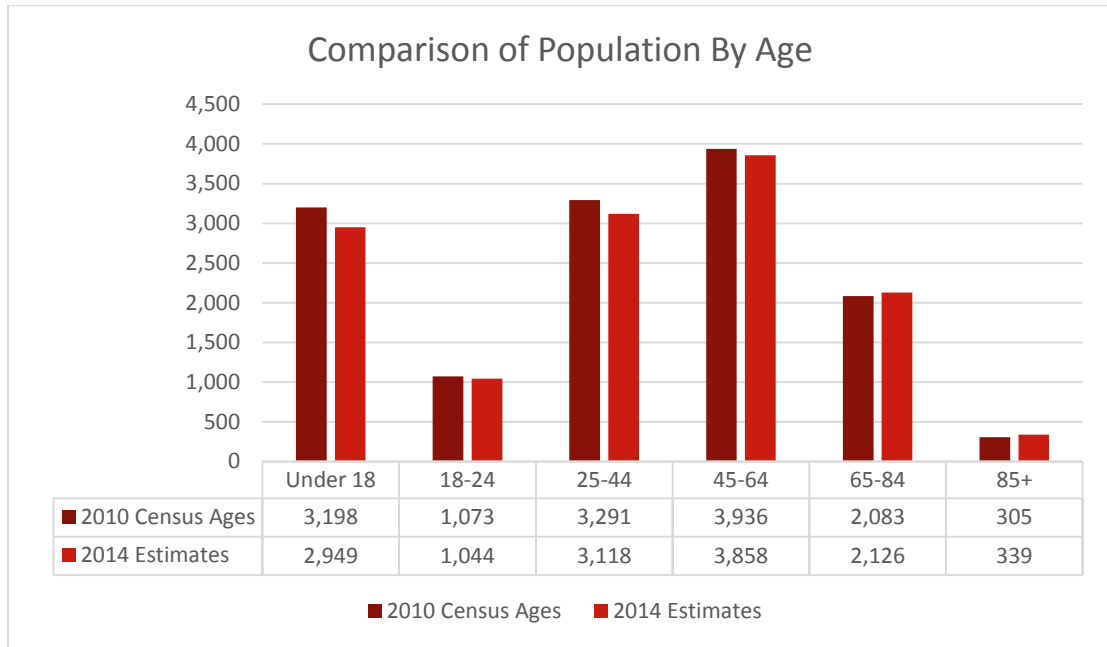
**2017 Prediction Based on “ESRI, 2013” as Reported in 2013 CHNA Publication

X There is no current prediction value available.

The overall population of the Thomas H. Boyd Memorial Hospital service area showed less than marginal change from 2010 to 2014, with an expected trend to improve for 2017. Changes in value of Households, Median Age, and Average Household Size from 2010 to 2014 were less than one full percent; the most significant changes were in: number of Families (up 1.9%), Median Household Income (up 4.2%), Owner and Renter Occupied Housing Units (both up 2.4% and 1.5% respectively). The biggest change in demographic trends from year 2010 to 2014 is reflected in vacant housing units where Greene County saw a significant decrease in numbers equal to a 17% drop.

In 2014, it is estimated that 89.9% of the population in Greene County maintained health insurance (private, public) and 10.1% did not have health insurance coverage.

Table 3. Population by Age – Thomas H. Boyd Memorial Hospital Service Area



The Thomas H. Boyd Memorial Hospital Service Area is comprised mainly of adult’s age 25-64 years of age, with a significant group of under 18 year old (“children”) and a marginally high number of older adults ages 65-84 years of age. The trends displayed in population age does not exhibit any significant change from 2010 to 2014; the largest variation lies in the population of children in Greene County. This trend is consistent with the reported increase of families in the area.

Economic Profile

Table 4. Household Income Profiles – Thomas H. Boyd Memorial Hospital Service Area

Households by Income	2010	2014 Estimates*		2017**
	Number	Number	Change	Number
Less than \$15,000	851	803	-0.6%	943
\$15,000-\$24,000	897	747	-2.4%	623
\$25,000-\$34,000	694	795	+2.0%	583
\$35,000-\$49,000	972	880	-1.3%	917
\$50,000-\$74,000	1,198	1,146	-0.6%	1,414
\$75,000-\$99,000	735	681	-0.7%	597
\$100,000-\$149,000	301	506	+3.7%	349
\$150,000-\$200,000	75	79	+0.1%	69
Greater than \$200,000	69	57	-0.2%	111

2010 Numbers Derived From United States Census Data

*2014 Numbers Based on American Fact Finder via U.S. Census Bureau

**2017 Prediction Based on “ESRI, 2013” as Reported in 2013 CHNA Publication

Median household income for 2014 was estimated at \$41,378 and estimated average per capita income in 2014 was \$22,483. It is also estimated that in 2014 there were 10,982 people over age 16 living in Greene County, with only 6,746 of them in the labor force. Of those 6,746 laborers in the county, 609 classified as “unemployed” and only 1 employed by the Armed Forces, leaving an estimated count of 6,136 people listed as “civilian workers” in Greene County.

In 2014 the median home value of Greene County was \$74,600; the median cost of selected monthly owner costs (with and/or without a mortgage) to a private home owner was \$614 and average rent was \$583.

Table 5. Employment by Industry – Thomas H. Boyd Memorial Hospital Service Area

Category	2014 Estimates*	
	Number	Percent
Educational Services, Health Care, Social Assistance	1,438	23.4%
Manufacturing	852	13.9%
Retail Trade	810	13.2%
Construction	423	6.9%
Agriculture, Forestry, Hunting/Fishing, Mining	399	6.5%
Transportation, Warehousing, Utilities	379	6.2%
Professional, Scientific, Management, Administrative, Waste Management Services	344	5.6%
Arts, Entertainment, Recreation, Food Services	337	5.5%
Other Services (Except Public Administration)	277	4.5%
Finance, Insurance, Real Estate, Rental/Leasing	268	4.4%
Wholesale Trade	237	3.9%
Information	114	1.9%
Public Administration	258	.2%

*2014 Numbers Based on American Fact Finder via U.S. Census Bureau

Thomas H. Boyd Memorial Hospital's service area has a total employment force of 6,136 people and the majority of that group (almost ¼ total) are employed with Educational Services, Health Care, and Social Assistance. It is obvious from these (estimated) numbers that Thomas H. Boyd Memorial Hospital plays an integral role in the economic vitality of the area.

Both Manufacturing and Retail Trade are large employers hosting (combined) more than ¼ of the laborers in Greene County. All other areas of employment are fairly marginal with Information and Public Administration employing the least laborers in Greene County.

The unemployment rate in Greene County is 5.5% which is slightly lower than the U.S. unemployment average of 5.8%. The percentage of people (over 16 years of age) not in the labor force for Greene County is 38.6% and is higher than the U.S. rate of 36.1%.

Table 6. Educational Attainment for Persons over Age 25 – Thomas H. Boyd Memorial Hospital Service Area

2014 estimates show the educational attainment of the population aged 25 years or older in Greene County distributed as follows:

Category	2014 Estimates*	
	Number	Percent
8 th to 12 th Grade Education, But Did Not Complete/Receive High School Diploma	1,235	12.9%
High School Graduate (Includes Equivalency) Only	3,965	41.4%
High School Graduate Plus (Some) College	8,342	87.1%
Bachelor’s Degree	939	9.8%
Graduate or Professional Degree	297	3.1%

*2014 Numbers Based on American Fact Finder via U.S. Census Bureau

Estimates from 2014 show that 87.1% of the people living in Greene County have attained at least a high school diploma (or equivalency) and of those people, 45.7% have gone on to further their education in one manner or another. Of the individuals that pursued greater education, 9.8% have achieved a Bachelor’s Degree and 3.1% have accomplished a Graduate/Professional Degree.

“Students” in the County are defined as pupils ages 3 to 17 years old; in addition to “traditional families”, this definition includes all families receiving public aid, living in institutions, supported foster homes with public funds, and economically disadvantaged homes. Within Greene County, considered Thomas H. Boyd Memorial Hospital Service Area, there are three main school districts. Those school districts and the low-income percentage of students is reflected below:

Table 7. Percent Low-Income Students – Thomas H. Boyd Memorial Hospital Service Area

School District	2015 Percent Low-Income Students
Carrollton CUSD 1	55.3%
Greenfield CUSD 10	47%
North Greene CUSD 3	73.4%

*2015 Numbers Based on Illinois State Board of Education Report Card Accessed 1/28/16

Both the North Greene and Carrollton School Districts are over the state average for low-income students (54.2%), and Greenfield maintains a level below the state average. Carrollton has seen a sharp rise in number of low-income students as the District’s percentage has sky rocketed 22% since 2011 (33% in 2011). The rate of increase is quite alarming but is most likely attributed to a steady stream of new low-income or state-subsidized housing in that community.

Geographic Assessment Area

Thomas H. Boyd Memorial Hospital has a current primary and secondary service area that includes all or portions of the zip code service areas surrounding Carrollton, Roodhouse, White Hall, Greenfield, Eldred, Hillview, Kane, Patterson, Rockbridge, and Wrights, Illinois. This geographic area definition of community is well-suited to Thomas H. Boyd Memorial Hospital, a designated critical access hospital providing basic, primary care through inpatient care, ancillary services, clinics, and specialty clinics to residents of a rural area.

Major medical centers in Springfield, Illinois; St. Louis, Missouri; and other locations also receive patients from this hospital service area.

Illustration 1. Thomas H. Boyd Memorial Hospital Service Area; Greene County, IL



Geographic Profile

Greene County is the primary service area of Thomas H. Boyd Memorial Hospital and covers 546 square miles of which 3 is water and 543 is land based; of those (land) square miles, 453 are considered “farm” (83% of the county) and 67% of those acres are cropland (meaning they produce an agricultural crop on that particular acre of ground). These numbers are an increase of 26.5 miles from the previously reported Agricultural Census of 2007.

The Service Area of Thomas H. Boyd Memorial Hospital is comprised mainly of small communities relying primarily on small businesses, agriculture, and service providers.

Establishing the CHNA Infrastructure and Partnerships

Boyd Healthcare Services met with the Greene County Health Department and decided to co-op together to plan, implement and complete the Community Needs Assessment and the Illinois Department of Public Health IPlan.

The two organizations administrators met in January 2016 to discuss the number of meetings, sites of said meetings along with the dates of the meetings. The Administrators then worked together to identify the key community partners and other groups to participate in the meetings.

The hospital and the health department did combine a diverse group of representatives from the community and the health profession to review the data list, review and list the health benefits for our service area, and analyze and prioritize our health needs for this area.

Defining the Purpose and Scope

The purpose of the CHNA was to:

1. Evaluate current health needs of the hospital's service area.
2. Identify resources and assets available to support initiatives to address the health priorities identified.

SECONDARY DATA DISCUSSION

The County Health Rankings show the critical role that education, jobs, income and environment play in how healthy people are and how long they live. Published by the University of Wisconsin Population Health Institute and the Robert Wood Johnson Foundation, the Rankings are based on the latest data publicly available for each county. (County Health Rankings and Roadmaps, 2015)

Greene County is ranked 67 out of the 102 Illinois counties in the rankings for Health Outcomes and 56 out of 102 Illinois counties for Length of life.

Health Ranking Observations - Greene

Observation	Greene	Illinois
Adults reporting no leisure Time physical activity	28%	22%
Adult Obesity	30%	27%
Children under 18 Living in poverty	22%	20%
Uninsured	13%	15%
Teen birth rate (ages 15-19)	45/1,000	33/1,000
Alcohol crash deaths/ Total crash deaths	64%	36%

IBFRSS, 2016 Report

Heart Disease as underlying cause of death

County	Year	Deaths	Population
Calhoun	2014	12	4,956
Greene	2014	19	13,434
Jersey	2014	22	22,571
Macoupin	2014	73	46,453
Morgan	2014	59	34,929
Scott	2014	20	26,342

Cancer as underlying cause of death

County	Year	Deaths	Population
Calhoun	2013	12	5,059
	2014	15	4,956
Greene	2013	42	13,629
	2014	30	13,434
Jersey	2013	57	22,641
	2014	58	22,571
Macoupin	2013	126	46,880
	2014	121	46,453
Morgan	2013	88	35,067
	2014	92	34,929
Scott	2013	14	5,222
	2014	13	5,204

Lung Disease as underlying cause of death

County	Year	Deaths	Population
Greene	2013	20	13,629
	2014	20	13,434
Jersey	2013	23	22,641
	2014	21	22,571
Macoupin	2013	63	46,880
	2014	64	46,453
Morgan	2013	46	35,067
	2014	43	34,929

Description of Data Sources

The following quantitative sources were reviewed for health information relating to Greene, Jersey, Calhoun, Morgan, Macoupin and Scott counties.

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.

Greene County Health Department IPLAN – The Illinois Project for Local Assessment of Needs (IPLAN). Specific plan for Greene County.

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

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

CHNA Committee Members

Ruth Ann Flowers, Greene County Public Health Department

Tammy Winters Retired Teacher

Billye Griswold, Retired Teacher –

Kim Fansler, North Greene Chamber of Commerce

Carl L. Moran, Bank President

Randal A. Voigts, D.O., Jerseyville Medical Group/Greene County Board of Health

Ruth Larson, Business Owner/PAC Member

Dan Woodlock, DDS, Dentist

Mark Scott, Superintendent, North Greene Schools

Sarah Schmidt, PR Boyd Hospital

Earl L. Harness, JR., Mayor Pro-Tem, Carrollton

Sharon K. Butler, City Alderwoman

Kathryn Harms, Food Pantry Administrator

Dr. Kerry Cox, Superintendent, Carrollton CUSD#1

Terry Gross, Carrollton Police Chief

Kristine Pitchford, Illinois Valley Economic Development Corp.

Sally Mansfield, Pharmacist

James Uhles, MD, Jerseyville Medical Group/Board of Health

Regina Theivagt, LPN Boyd Fillager Clinic

Keli Stewart, NP Boyd Healthcare Services

Liz McIntosh, QMHP-LSRC

John Thien, Fillager Board President

Dan Bishop, Assistant Coroner

Dylan Shade, Intern-Student

Michael Kinser, Fillager Board Member

Kevin Bowman, Superintendent, Greenfield CUSD#10

Renan Mapue, MD, Boyd Healthcare Services

Nina Martin, RN Boyd

Deborah Campbell, CEO Thomas H. Boyd Memorial Hospital

Focus Group

The focus group format was utilized to engage the stakeholders and the citizens of the community to gather information concerning the community's perspective on health priorities in Greene County. It was decided that we would hold three different focus group meetings in the larger towns of the County. In these meetings we hosted the Medical Professionals, Healthcare Partners, Community Leaders and Citizens from the individual parts of the county. In order to maintain consistency throughout the three sessions, the key citizens and stakeholders were asked five questions that were chosen. The first four questions were aimed at eliciting discussion and assessment of the health concerns in our community and the fifth question was to have each participant state their top community health need priority.

1. Where have we been in your perception of health care programs and services in the community overall?
2. Think of and provide a healthcare experience that went well.
3. Think of and provide a healthcare experience that did not go well.
4. What is needed to improve the overall health of the community?
5. Ideas to move forward to improve the health in the community, what would it be?

The three focus sessions held on February 24, 2016, at Greene Gables in White Hall, March 2, 2016 at Boyd Hospital in Carrollton and March 9, 2016 at Boyd Fillager Clinic responded with positive changes they have seen in the past three years. All three sessions brought up about the same areas that are listed.

1. More access to primary care in the Community.
2. Mental health access now in Greene County daily.
3. Educational classes now available at times for wellness and prevention.
4. Strong ER with Stat HEART and Stat Stroke.
5. The yearly Health Fair with tests offered at discounted rates.
6. Ambulance service continues to build “Critical Care Medics”.
7. Strong intercommunity workings with First Responders, police, sheriff’s department, ambulance and the hospital.

IMPROVEMENT AREAS

The three groups were then discussing ways to improve the health needs of the community.

1. Substance abuse
 - a. Heroin
 - b. Meth
 - c. Prescription drugs
 - d. Alcohol
2. Mental Health
 - a. Psychiatrist only available one a month
 - b. No family/patient support
3. Wellness Prevention
 - a. Education for the public
 - b. Exercise opportunities for the public
4. Access to specialty care
5. Support for the primary care providers
6. Education on major illness noted in this community:
 - a. Diabetes
 - b. Congestive Heart Failure
 - c. COPD
 - d. Cardiovascular Disease/Stroke Disease
 - e. Cancer

Previous Community Health Needs Assessment Findings

The facilitated primary information gathering process resulted in the discovery of issues that were subsequently prioritized during the discussions with the participants in the three focus group meetings. Most of the concerns were addressed in the following categories: access to wellness education and opportunities for physical activity for all residents, access to nutritious foods, teen pregnancy, access to mental health services including prevention of substance abuse, and addressing provisions of local health care in an increasingly challenging economy. These areas that were chosen were consistent with the needs identified from the secondary information collected and observed.

1. Basic wellness services, education, and access for all residents

Educational programs were offered to the community on prevention of strokes, diabetes education and have educated different groups that have requested special programs as needed. The hospital has implemented an indoor walking trail to encourage physical activity throughout the Midwestern climate changes for all residents. We have worked with the City of Carrollton to offer a 5K run/walk each year. This past year we have received a Reduction of Sodium Grant that we have used with the three local school districts, the hospital and the senior citizens to educate the public on awareness of salt reduction.

2. Mental Health Issues

The hospital has worked with Locust Street Resource Center and now has an office on the Medical Grounds that has social workers and therapist here daily. The staff from Locust Street work closely with the Medical Staff at the hospital to address substance abuse and find hospital placement as needed.

3. Addressing access to quality local health care

Since the 2013 Community Health Needs Assessment was completed, the hospital has added 2 physicians and 4 mid-level providers to the four hospital based certified Rural Health Clinics in Greene County. The two clinics in the northern area of the county are now open 5 days a week with appointments available beyond the regular 8-5 hours. All four Rural Health Clinics are accepting new patients so that the access to the local health care is available. The hospital and only nursing home in the county have worked together to provide lab services for the residents of the nursing home. The hospital is engaged with HSHS and the SIU School of Medicine to offer Tele-health services

for specialty clinics and emergency services and are prepared to see this grow in the future.

4. Teen Pregnancy

This is the one issue that was brought up at each of the focus groups. After working with the local health department and the checking with the three local school districts, this was not found to be as critical an issue as was thought in the previous meetings. We have continued to watch and discuss this issue with the local health departments and the Medical Staff. The stats do not show that this has increased.

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. Gateway Foundation
- c. Locust Street Resources Center
- d. 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. Catholic Charities
- b. Boyd's Closet

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 Serv. & Assessment

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

Elder Care

- a. Community Care Systems, INC
- b. Home Instead Senior Care
- c. Jerseyville Manor
- d. Prairie Counsel on Aging
- e. Willow Rose Nursing & Rehab

Education Information

- a. Alternate Center for Education
- b. Epilepsy Resource Center
- c. Four Rivers Special Education
- d. Greene County Health Department
- e. University of Illinois Extension – Greene County
- f. Wells Center
- g. 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 (Catastrophic conditions)

Food Assistance

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

Healthcare

- a. All Hart Chiropractic
- b. Boyd Fillager Clinic Greenfield
- c. Greene County Health Department
- d. Greene County Rural Health Clinic
- e. Illinois Poison Center
- f. JCH Medical Group
- g. Jersey Community Hospital
- h. Passavant Area Hospital
- i. Prairie Cardiovascular Outreach clinic
- j. Rural Health Center of Roodhouse
- k. R. Scott Beavers, DDS
- k. Shriners Hospital for Children
- l. Thomas H. Boyd Memorial Hospital
- m. 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 Assistance Foundation, INC

Medical Assistance

- a. Catholic Charities
- b. Department of Human Services Rehab

Pregnancy and Parenting

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

Prescriptions

- a. Burris Drugs
- b. Gable Pharmacy
- c. Pharmacy Plus
- d. Prescription Shop
- e. Walgreens
- f. Walmart

Respite Care

- a. Area Agency on Aging for Lincolnland
- b. Thomas H. Boyd Memorial Hospital

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 Gas Card Program for Cancer
- d. Greene County Gas Card Program for Cancer

10. REFERENCES

1. Community Commons, 2015
2. County Health Rankings, 2015
3. Illinois Department of Employment Security, 2015
4. National Cancer Institute, 2015
5. Illinois Department of Public Health
6. Green County Health Department IPLAN
7. Health Professional Shortage Areas and Medically Underserved Areas/Populations
8. ESRI, 2015
9. Illinois State Board of Education, Illinois Report Card
10. USDA

11. DOCUMENTING AND COMMUNICATING RESULTS

This CHNA Report is available to the public on the hospital's public website: www.boydhcs.org. A hard copy may be reviewed at the administration office. The hospital will provide its annual IRS Schedule H (Form 990) the URL of the webpage on which it has posted the CHNA report and the Implementation Plan to address the significant health needs identified through the most recent CHNA. If any health indicators were not addressed this will be noted in the report and why.

Approval

The Community Health Needs Assessment and the Implementation Plan of Thomas H. Boyd Memorial Hospital dba Boyd Healthcare Services was approved by the Thomas H. Boyd Memorial Hospital Board of Directors in December 2016.

IMPLEMENTATION

Thomas H. Boyd Memorial Hospital's identified and prioritized health needs.

1. Wellness and Prevention

The three focus groups had concerns over heart disease, obesity, diabetes and COPD along with more primary care and specialty care clinics. They agreed with the above areas listed under wellness and prevention.

2. Mental Health and Substance Abuse

All three focus groups felt that access to mental health services had improved but was still a major issue in this community. The need for intervention counseling, and addressing the substance abuse issues and the prescription drug abuse as still major areas of concern.

3. Education for the public on the key areas such as Diabetes, Congestive Heart Failure, Chronic Obstructive Pulmonary Disease, Cardiovascular Disease/Stroke and Cancer. Promoting seminars, training classes while working with the local Health Department.

IMPLEMENTATION STRATEGY

The Implementation Strategy was developed through meetings involving the administrative staff at Boyd Health Care Services including representative from all departments of the hospital and Medical Staff.

The list of areas were reviewed and compared to the last CHNA completed in 2013. The group reviewed the three main needs listed and came up with resources and commitments to address each need as listed. This will be monitored and reported yearly at the hospital's annual review.

1. Wellness and Prevention

- Promote the indoor walking program and wellness center during the winter months
- Continue to promote Salt Restriction
- Build relationships with the Senior citizens throughout the community to offer Blood Pressure Screening
- Offer Nutritional information and recipes on the hospital website.
- Continue to offer the county health fair yearly
- Work with SIU School of Medicine to offer specialty clinics through tele-health
- Offer support for the primary care providers through a working arrangement with SIU School of Medicine.

Anticipated impact of these actions:

- Free Access to safe exercise during the winter
- Expanded access for exercise
- Access for educational opportunities in settings besides the hospital
- Access to screenings

- Will be able to measure the persons receiving education and screenings
- Will have available specialty clinics and will be able to measure the patients reached
- Will offer primary care providers some input and additional opportunities for education

Programs and resources the hospital plans to address the health needs of the community.

- Administration
- Hospital Wellness Center and Indoor Walking Trail
- Dietitian
- Marketing
- Clinical Staff

Planned Collaboration between the hospital and other organizations

- Greene County Health Department
- Senior Citizens
- Churches
- Community Organizations
- Three School districts
- SIU School of Medicine

2. Mental Health and Substance Abuse

- Hospital will support and work with local law enforcement and Locust Street Mental Health.
- Hospital will continue to work with the rural health clinics to promote the drug contracts and drug testing with prescription drugs.
- Will work with the schools to offer educational programs on drug abuse.

Anticipated impact of these actions

- Expand awareness of substance abuse in the community and schools
- Continue to work with Locust Street to offer mental health services here in the community
- Work with the local physicians and pharmacies to address prescription drug abuse

Resources hospital can utilize to address these health issues

- Administration
- Medical Staff

Planned collaboration between the hospital and other organizations

- Greene County Sheriff's Department
- Local Police Departments throughout the county
- Locust Street Mental Health
- Three school districts

3. Education and Training of Chronic Diseases

- Implementing education programs throughout the year and the community in regards to the listed Chronic Diseases.
- Establish Chronic Care Management Program for the patients in the hospital based rural health clinics.
- Administration to work with SIU School of Medicine for Tele-health clinics for Pulmonary, Diabetes, Cardiovascular Disease.

Anticipated impact of these actions

- Expanded access for education for the public on the chronic disease most seen in our community.
- Will decrease the need for re-admissions through our Chronic Care Management and Transitional Care Management.

- Offer expanded physician coverage through the tele-health for the specialty services

Resources the hospital will commit to address these healthcare needs.

- Administration
- Marketing
- Nursing Staff

Collaboration between the hospital and other organizations

- SIU School of Medicine
- Local Physicians
- Community Organizations
- Senior Citizens

Committed Resources

The Hospital has committed staff, facility resources and money for discretionary community benefit activities to support this CHNA and Implementation Plan.

Approval

The Thomas H. Boyd Memorial Hospital Board of Trustees will review this on an annual basis and approve the CHNA and Implementation Plan for addressing the priorities. This was approved by the Thomas H. Boyd Memorial Hospital Board of Trustees in December 2016.

