# COMMUNITY HEALTH NEEDS ASSESSMENT

SEPTEMBER 2016





## St. Bernards Medical Center

# Community Health Needs Assessment September 2016

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#### Introduction

As a result of the Affordable Care Act, tax-exempt hospitals are required to assess the health needs of their communities and adopt implementation strategies to address significant identified needs. Compliance with section 501(r) of the Internal Revenue Code (IRC) requires, in part, that a tax-exempt hospital facility:

- Conduct a community health needs assessment every three years.
- Adopt an implementation strategy to meet the significant community health needs identified through the assessment.
- In each subsequent assessment, evaluating the impact of previous implementation strategies on identified needs.

The community health needs assessment must take into account input from persons who represent the broad interest of the community served by the hospital facility, including those with special knowledge of or expertise in public health, as well as those representing medically underserved, low-income or minority populations. The hospital facility must make the community health needs assessment widely available to the public.

This community health needs assessment is intended to document St. Bernards Medical Center's compliance with IRC Section 501(r)(3). Health needs of the community have been identified and prioritized so that St. Bernards Medical Center (the Medical Center) may adopt an implementation strategy to address specific needs of the community.

#### The process involved:

- A comprehensive evaluation of the implementation strategy that was developed as a result of the initial community health needs assessment conducted in August 2013.
- Collection and analysis of a large range of data, including demographic, socioeconomic and health statistics, health care resources and patient use rates.
- Interviews with key informants who represent a) broad interests of the community, b) populations of need or c) persons with specialized knowledge in public health.

This document is a summary of all the available evidence collected during the initial cycle of community health needs assessments required by the IRS. It will serve as a compliance document as well as a resource until the next assessment cycle.

This community health needs assessment was prepared in cooperation with HealthSouth Rehabilitation Hospital of Jonesboro (HealthSouth). The Medical Center owns a 50% interest in HealthSouth. HealthSouth provides inpatient and outpatient rehabilitation services to residents of the same geographic area served by the Medical Center. Issues particularly relevant to the services provided by HealthSouth have been noted throughout this needs assessment.

#### **Acknowledgments**

The community health needs assessment research team would like to thank all those who contributed to the community health assessment described herein. We are grateful for the many key informants that gave their time and expertise to inform both the direction and outcomes of the study. We greatly appreciate the contribution of their stories.



#### Summary of Community Health Needs Assessment

The purpose of the community health needs assessment is to help further the Medical Center's understanding of the health needs of the community and to document compliance with the federal laws outlined above.

The Medical Center engaged **BKD**, **LLP** to conduct a formal community health needs assessment. **BKD**, **LLP** is one of the largest CPA and advisory firms in the United States, with approximately 2,400 partners and employees in 34 offices. BKD serves more than 900 hospitals and health care systems across the country. The community health needs assessment was conducted from January 2016 through August 2016.

Based on current regulations and other guidance from the U.S. Treasury Department and the IRS, the following steps were conducted as part of St. Bernards Medical Center's community health needs assessment:

- An evaluation of the impact of actions taken to address the significant health needs identified in the 2013 community health needs assessment was completed to understand the effectiveness of the Medical Center's current strategies and programs. This evaluation is included at Page 13.
- Population demographics and socioeconomic characteristics of the community were gathered and reported utilizing various third parties (see references in Appendices). The health status of the community was then reviewed. Information on the leading causes of death and morbidity information was analyzed in conjunction with health outcomes and factors reported for the community by CountyHealthrankings.org. Health factors with significant opportunity for improvement were noted.
- An inventory of health care facilities and resources was prepared.
- Community input was provided through interviews of 55 stakeholders, including those with special knowledge of or expertise in public health, as well as those representing medically underserved, low-income or minority populations. Results and findings are described in the Key Interviewee portion of this report.
- Information gathered in the above steps was analyzed and reviewed to identify health issues of uninsured persons, low-income persons and minority groups and the community as a whole. Health needs were then prioritized taking into account the perceived degree of influence the Medical Center has to impact the need and the health needs impact on overall health for the community. Information gaps identified during the prioritization process have been reported.

#### General Description of the Medical Center

The Medical Center is a nonprofit organization located in Jonesboro, Arkansas. A 13-member board of governors directs the Medical Center and ensures that the strategic direction of the hospital consistently meets the health care needs of the people which it serves.

The Medical Center strives to provide high-quality outpatient and inpatient health care services to the community it serves.



#### **Community Served by the Medical Center**

The Medical Center is located in the city of Jonesboro, Arkansas, in Craighead County. Jonesboro is located approximately two hours northeast of Little Rock, Arkansas.

#### **Defined Community**

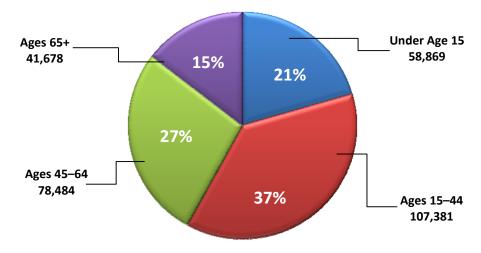
A community is defined as the geographic area from which a significant number of the patients utilizing hospital services reside. While the community health needs assessment considers other types of health care providers, the Medical Center is the single largest provider of acute care services in Craighead and the surrounding counties. For this reason, the utilization of Medical Center services provides the clearest definition of the community. During the initial community health needs assessment process, an analysis of inpatient discharges and outpatient visits was performed to determine where the Medical Center's patients resided. This analysis showed that the large majority of the Medical Center's patients were from Clay, Craighead, Cross, Greene, Lawrence, Mississippi, Poinsett, and Randolph Counties, all located in northeastern Arkansas. The Medical Center believes this continues to be the most appropriate representation of their community.

#### **Community Characteristics**

#### Community Population and Demographics

The community served by the Medical Center is a primarily rural area in northeast Arkansas. According to 2015 projections based on the most recent U.S. Census Bureau estimates, about 286,000 people live in the eight counties included in the community. The Medical Center is located in Jonesboro, Arkansas, which is the largest town in the community with a population of around 72,000 people.

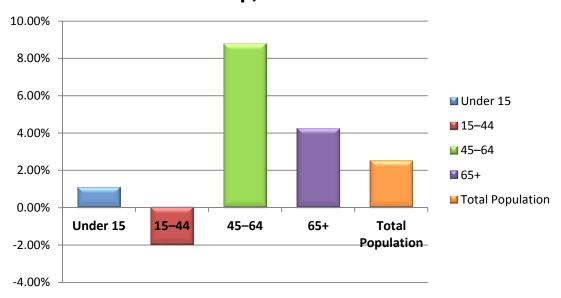
## **Community Population by Age Group**





A major distinguishing feature of the Medical Center's community is the age breakdown of this population. The chart above shows the breakdown of the community's population by age group. According to the U.S. Census Bureau, about 42% of the community's population is 45 and older. These particular age groups are expected to continue increasing over the next five years, as shown on the chart below. These age group use more health services than any other, so the Medical Center should prepare for increased patient volume in the near future. The aging population will have particularly strong effect on HealthSouth, since older individuals are more likely to require rehabilitation services. Additionally, the percentage of the community population aged 44 and below is expected to shrink over the next five years, which could contribute to difficulties in recruiting enough care providers to manage the aging population. Both HealthSouth and the Medical Center should focus their future plans on making sure they are prepared to meet the needs of the aging population of their community.

# Projected Change in Population by Age Group, 2015–2020

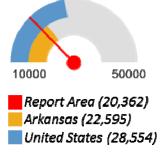


#### Socioeconomic Characteristics of the Community

The socioeconomic characteristics of a geographic area influence the way residents access health care services and perceive the need for health care services within society. Factors such as educational attainment, poverty levels, unemployment rates and insurance coverage levels contribute significantly to the health status of a community.

Socioeconomically, the community served by the Medical Center is similar to many other parts of rural Arkansas. About 22% of the population has obtained an associate's degree or higher, compared to about 37% of the U.S., while about 18% of the population does not have a high school diploma, compared to about 14% in the country as a whole. Lower levels of education have been linked to negative health outcomes, so the educational attainment of the community is relevant to the consideration of the health needs of the community.

#### Per Capita Income

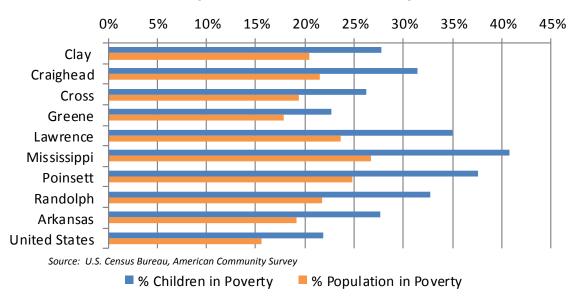


Source: U.S. Census Bureau, American Community Survey



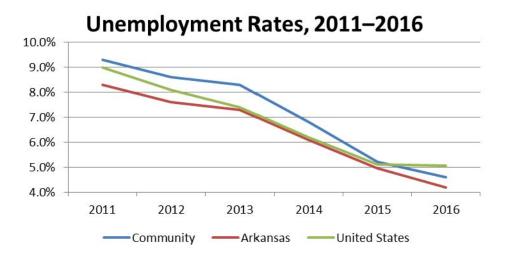
The income levels of individuals within the community also have a significant effect on their ability to access health services. The average per-capita income in the Medical Center's community is \$20,362, compared to \$22,595 for the state of Arkansas and \$28,554 for the United States. Lower than average per capita income suggests that many members of the community may have difficulty obtaining health care, especially preventative care. Additionally, in some of the counties in the community, the levels of poverty are significantly higher than the rates in the state of Arkansas and the United States. The chart below shows the percentage of the communities' population living below the federal poverty line, with the percentage of children under age 18 shown separately. The specific health needs of low-income members of the community should be considered carefully throughout the preparation of this assessment.

## **Population in Poverty**



Some socioeconomic measures in the community have improved significantly since the publication of the 2013 community health needs assessment. One such measure is the percentage of the community that is without health insurance coverage. Effective January 1, 2014, the *Patient Protection and Affordable Care Act* expanded health coverage for many Americans. Arkansas expanded Medicaid eligibility and created a program that allows federal expansion funds to instead be used to subsidize premiums for private commercial insurance policies for low-income Arkansans. This program has had a significant effect on the patient mix of the Medical Center. In 2013, before this program went in to effect, 12% of the Medical Center's patient encounters were uninsured, while in 2015, that number dropped to only 7%, representing a 42% decrease in uninsured patient encounters at the Medical Center. The long-term impact of this growth in insurance coverage on health needs cannot yet be determined. In addition, continued support for this expansion at the state and federal level is not assured.





Another socioeconomic measure that has been improving steadily over the past several years is the unemployment rate. The chart above shows that the unemployment rate of the community has been dropping sharply over the past six years, along with those of the state of Arkansas and the United States. As the economy improves and more people find employment, the socioeconomic status of the community should be strengthened as access to healthcare is improved.

#### **Health Status of the Community**

This section of the assessment reviews the health status of Clay, Craighead, Cross, Greene, Lawrence, Mississippi, Poinsett, and Randolph County residents. As in the previous section, comparisons are provided with the state of Arkansas. This in-depth assessment of the mortality and morbidity data, health outcomes, health factors and mental health indicators of the county residents that make up the community will enable the Medical Center to identify significant issues related to the health status of its residents.

Good health can be defined as a state of physical, mental and social well-being, rather than the absence of disease or infirmity. According to *Healthy People 2020*, the national health objectives released by the U.S. Department of Health and Human Services, individual health is closely linked to community health. Community health, which includes both the physical and social environment in which individuals live, work and play, is profoundly affected by the collective behaviors, attitudes and beliefs of everyone who lives in the community. Healthy people are among a community's most essential resources.

Numerous factors have a significant impact on an individual's health status: lifestyle and behavior, human biology, environmental and socioeconomic conditions, as well as access to adequate and appropriate health care and medical services. Studies by the American Society of Internal Medicine conclude that up to 70% of an individual's health status is directly attributable to personal lifestyle decisions and attitudes. Persons who do not smoke, who drink in moderation (if at all), use automobile seat belts (car seats for infants and small children), maintain a nutritious low-fat, high-fiber diet, reduce excess stress in daily living and exercise regularly have a significantly greater potential of avoiding debilitating diseases, infirmities and premature death.



The interrelationship among lifestyle/behavior, personal health attitude and poor health status is gaining recognition and acceptance by both the general public and health care providers. Some examples of lifestyle/behavior and related health care problems include the following:

| Lifestyle          | Impact on Health       |
|--------------------|------------------------|
| Smoking            | Lung cancer            |
|                    | Cardiovascular disease |
|                    | Emphysema              |
|                    | Chronic bronchitis     |
| Alcohol/drug abuse | Cirrhosis of liver     |
| E                  | Motor vehicle crashes  |
|                    | Unintentional injuries |
|                    | Malnutrition           |
|                    | Suicide                |
|                    | Homicide               |
|                    | Mental illness         |
| Poor nutrition     | Obesity                |
|                    | Digestive disease      |
|                    | Depression             |
| Lack of exercise   | Cardiovascular disease |
|                    | Depression             |
| Overstressed       |                        |
| Oversitessed       | Mental illness         |
|                    | Alcohol/drug abuse     |
|                    | Cardiovascular disease |

#### Health Outcomes and Factors

An analysis of various health outcomes and factors for a particular community can, if improved, help make that community a healthier place to live, learn, work and play. A better understanding of the factors that affect the health of the community will assist with how to improve the community's habits, culture and environment. This portion of the community health needs assessment utilizes information from County Health Rankings, a key component of the Mobilizing Action Toward Community Health (MATCH) project, a collaboration between the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute.

The County Health Rankings model is grounded in the belief that programs and policies implemented at the local, state and federal levels have an impact on the variety of factors that, in turn, determine the health outcomes for communities across the nation. The model provides a ranking method that ranks all 50 states and the counties within each state, based on the measurement of two types of health outcomes for each county: how long people live (mortality) and how healthy people feel (morbidity). These outcomes are the result of a collection of health factors and are influenced by programs and policies at the local, state and federal levels.



Counties in each of the 50 states are ranked according to summaries of a variety of health measures. Those having high ranks, e.g., 1 or 2, are considered to be the "healthiest." Counties are ranked relative to the health of other counties in the same state on the following summary measures:

- Health Outcomes rankings are based on an equal weighting of one length of life measure and four quality of life measures.
- Health Factors rankings are based on weighted scores of four types of factors:
  - Health behaviors (nine measures)
  - Clinical care (seven measures)
  - Social and economic (seven measures)
  - Physical environment (two measures)

A more detailed discussion about the ranking system, data sources and measures, data quality and calculating scores and ranks can be found at the website for County Health Rankings (www.countyhealthrankings.org).

As part of the analysis of the needs assessment for the community, the community counties will be used to compare the relative health status of the community to the state of Arkansas as well as to a national benchmark, if available. A better understanding of the factors that affect the health of the community will assist with how to improve the community's habits, culture and environment.

The following table, from County Health Rankings, summarizes the 2015 health outcomes and factors for the eight counties that comprise the majority of the community for the Medical Center. Measures underperforming the state average are highlighted in red. The data upon which the uninsured patients measure was based is from 2012 and therefore does not reflect the improvement discussed earlier resulting from the 2014 Medicaid expansion.



| Health Outcome/Factor   | Clay County | у    | Craighead County | Cross County | Greene C | ounty | Lawrence County | Mississippi Cou | nty Po | oinsett Count | ty Randolph County |          | National  |
|---|-------------|------|------------------|--------------|----------|-------|-----------------|-----------------|--------|---------------|--------------------|----------|-----------|
| Health Outcome/ Factor  | Metric F    | Rank | Metric Rank      | Metric Rank  | Metric   | Rank  | Metric Rank     | Metric R        | ank N  | Metric Ra     | ank Metric Rank    | Arkansas | Benchmark |
| Health Outcomes   |             | 52   | 17               | 67           |          | 25    | 40              |                 | 71     | E             | 50 13              |          |           |
| Length of Life  |             | 66   | 17               | 70           |          | 39    | 29              |                 | 72     | ε             | 55 21              |          |           |
| Premature death – Years of potential life lost before age 75 per 100,000 population (age-   |             |      |                  |              |          |       |                 |                 |        |               |                    |          |           |
| adjusted)   | 11,600      |      | 8,700            | 12,400       | 10,100   | )     | 9,800           | 12,700          |        | 11,600        | 8,900              | 9,100    | 5,200     |
| Quality of Life   |             | 2    | 25               | 58           |          | 6     | 44              |                 | 66     | 5             | 52 19              |          |           |
| Poor or fair health - Percent of adults reporting fair or poor health (age-adjusted)        | 21%         |      | 22%              | 24%          | 19%      | 5     | 21%             | 27%             |        | 25%           | 21%                | 23%      | 12%       |
| Poor physical health days – Average number of physically unhealthy days reported in past    |             |      |                  |              |          |       |                 |                 |        |               |                    |          |           |
| 30 days (age-adjusted)  | 4.8         |      | 4.6              | 4.9          | 4.5      | 5     | 5.0             | 5.3             |        | 5.0           | 4.9                | 4.7      | 2.9       |
| Poor mental health days – Average number of mentally unhealthy days reported in past 30     |             |      |                  |              |          |       |                 |                 |        |               |                    |          |           |
| days (age adjusted)   | 4.4         |      | 4.3              | 4.4          | 4.1      |       | 4.5             | 4.7             |        | 4.5           | 4.2                | 4.4      | 2.8       |
| Low birth weight – Percent of live births with low birth weight (<2500 grams)               | 8%          |      | 8%               | 12%          | 7%       | 5     | 8%              | 12%             |        | 9%            | 7%                 | 9%       | 6%        |
| Health Factors  |             | 47   | 17               | 51           |          | 24    | 52              |                 | 72     | ε             | 34                 |          |           |
| Health Behaviors  |             | 39   | 54               | 50           |          | 37    | 51              |                 | 70     | 6             | 55 44              |          |           |
| Adult smoking – Percent of adults that report smoking at least 100 cigarettes and that they |             |      |                  |              |          |       |                 |                 |        |               | <u>-</u>           |          |           |
| currently smoke   | 23%         |      | 24%              | 23%          | 23%      | 5     | 24%             | 26%             |        | 25%           | 22%                | 25%      | 14%       |
| Adult obesity – Percent of adults that report a BMI >= 30                                   | 33%         |      | 36%              | 38%          | 34%      | 5     | 33%             | 38%             |        | 40%           | 35%                | 33%      | 25%       |
| Food environment index – Ranking from 1–10 that considers accessibility of healthy foods    | 6.1         |      | 5.7              | 5.8          | 6.1      |       | 5.3             | 5.0             |        | 5.8           | 5.4                | 6.1      | 8.3       |
| Physical inactivity - Percent of adults reporting no leisure-time physical activity         | 40%         |      | 34%              | 36%          | 39%      | 5     | 38%             | 40%             |        | 35%           | 40%                | 32%      | 20%       |
| Access to exercise opportunities – Percent of individuals who live within three miles of a  |             |      |                  |              |          |       |                 |                 |        |               |                    |          |           |
| recreational facility   | 16%         |      | 59%              | 39%          | 69%      | ,     | 27%             | 23%             |        | 26%           | 27%                | 61%      | 91%       |
| Excessive drinking – Percent of adults that report excessive drinking in the past 30 days   | 14%         |      | 16%              | 14%          | 16%      | 5     | 14%             | 13%             |        | 14%           | 15%                | 14%      | 12%       |
| Alcohol-impaired driving deaths – Percent of motor vehicle crash deaths with alcohol        |             |      |                  |              |          |       |                 |                 |        |               |                    |          |           |
| involvement   | 20%         |      | 27%              | 18%          | 12%      | i     | 35%             | 40%             |        | 22%           | 30%                | 30%      | 14%       |
| Sexually transmitted infections – Chlamydia rate per 100K population                        | 369.8       |      | 645.7            | 582.5        | 317.4    | ı     | 370.3           | 1084.2          |        | 419.6         | 278.9              | 523.8    | 134.0     |
| Teen birth rate - Per 1,000 female population, ages 15-19                                   | 67          |      | 48               | 64           | 62       | 2     | 44              | 77              |        | 75            | 60                 | 53       | 19        |
| Clinical Care   |             | 52   | 3                | 53           |          | 25    | 58              |                 | 63     | 4             | 19                 |          |           |
| Uninsured adults - Percent of population under age 65 without health insurance              | 20%         |      | 19%              | 17%          | 18%      | 5     | 19%             | 18%             |        | 18%           | 21%                | 19%      | 11%       |
| Primary care physicians – Ratio of population to primary care physicians                    | 3,850:1     |      | 980:1            | 1,950:1      | 1,870:1  | L     | 2,840:1         | 2,630:1         |        | 8,050:1       | 1,470:1            | 1,540:1  | 1,040:1   |
| Dentists – Ratio of population to dentists  | 2,160:1     |      | 1,370:1          | 1,720:1      | 3,640:1  | l     | 4,230:1         | 3,400:1         |        | 8,080:1       | 2,510:1            | 2,300:1  | 1,340:1   |
| Mental health providers – Ratio of population to mental health providers                    | 2,160:1     |      | 270:1            | 1.230:1      | 620:1    | Į.    | 501:1           | 1,130:1         |        | 420:1         | 2,510:1            | 520:1    | 370:1     |
| Preventable hospital stays – Hospitalization rate for ambulatory-care sensitive conditions  |             |      |                  |              |          |       |                 |                 |        |               | ·                  |          |           |
| per 1,000 Medicare enrollees  | 79          |      | 59               | 96           | 76       | 6     | 109             | 99              |        | 76            | 64                 | 66       | 38        |
| Diabetic screening – Percent of diabetic Medicare enrollees that receive HbA1c screening    | 84%         |      | 84%              | 75%          | 81%      | 5     | 83%             | 78%             |        | 82%           | 89%                | 83%      | 90%       |
| Mammography screening – Percent of female Medicare enrollees that receive                   |             |      |                  |              |          |       |                 |                 |        |               |                    |          |           |
| mammography screening   | 51%         |      | 63%              | 51%          | 57%      | 5     | 59%             | 44%             |        | 62%           | 54%                | 58%      | 71%       |
| Social and Economic Factors   |             | 12   | 12               | 52           |          | 13    | 41              |                 | 70     | E             | 52 33              |          |           |
| High school graduation – Percent of ninth grade cohort that graduates in 4 years            | 97%         |      | 89%              | 85%          | 91%      | 5     | 94%             | 86%             |        | 81%           | 92%                | 85%      | 93%       |
| Some college – Percent of adults aged 25–44 years with some post-secondary education        | 41%         |      | 60%              | 37%          | 52%      |       | 48%             | 51%             |        | 39%           | 59%                | 55%      | 72%       |
| Children in poverty – Percent of children under age 18 in poverty                           | 28%         |      | 31%              | 33%          | 23%      |       | 31%             | 37%             |        | 34%           | 28%                | 26%      | 13%       |
| Income inequality — Ratio of household income at the 80th percentile to that at the 20th    | 2070        |      | <b>51</b> /0     | 5570         | 237      |       | 5270            | 37,0            |        | 5470          | 2070               | 2070     | 1370      |
| percentile  | 4.2         |      | 5.0              | 4.8          | 4.6      |       | 4.7             | 5.7             |        | 4.9           | 4.9                | 4.8      | 3.7       |
| Children in single-parent households – Percent of children that live in household headed by |             |      |                  |              |          |       |                 |                 |        |               |                    |          |           |
| single parent   | 38%         |      | 44%              | 32%          | 32%      | 5     | 32%             | 51%             |        | 46%           | 36%                | 37%      | 21%       |
| Violent crime rate – Violent crimes per 100,000 population                                  | 87          |      | 369              | 331          | 296      |       | 149             | 792             |        | 399           | 25                 | 484      | 59        |
| Injury deaths – Deaths from intentional and unintentional injuries per 100,000 population   | 83          |      | 68               | 91           | 88       |       | 90              | 89              |        | 94            | 87                 | 77       | 51        |
| Physical Environment  |             | 62   | 7                | 41           |          | 57    | 59              |                 | 73     |               | 3 55               |          |           |
| Air pollution-particulate matter days – Average daily density of fine particulate matter    | 12.6        |      | 12.8             | 12.6         | 12.7     |       | 12.4            | 13.2            |        | 12.7          | 12.1               | 11.8     | 9.5       |
| Severe housing problems – Percentage of households with severe housing problems in          | 12.0        |      | 12.0             | 12.0         | 12.7     |       | 12.7            | 13.1            |        | 12.7          | 14.1               | 11.0     | 5.5       |
| facilities, crowding or cost  | 11%         |      | 16%              | 13%          | 14%      |       | 13%             | 15%             |        | 15%           | 12%                | 15%      | 9%        |
| admacs, domaing or tost   | 11/0        | -    | 1070             | 1370         | 147      |       | 1370            | 13/0            |        | 1370          | 12/0               | 13/0     | 370       |



#### **Health Care Resources**

The availability of health resources is a critical component to the health of a community and a measure of the soundness of the area's health care delivery system. An adequate number of health care facilities and health care providers is vital for sustaining a community's health status. Fewer health care facilities and health care providers can impact the timely delivery of services. A limited supply of health resources, especially providers, results in the limited capacity of the health care delivery system to absorb charity and indigent care, as there are fewer providers upon which to distribute the burden of such care. This section will address the availability of health care resources to the residents of the Medical Center's community.

#### Hospitals and Health Centers

The Medical Center has 438 beds and is the largest hospital in Craighead County. Approximately 38% of all discharges originating from the Medical Center's defined community are from the Medical Center. However, because the community spans a large geographic area, there are several other hospitals that receive a significant share of the community's patients. The chart below summarizes hospital services available to the residents of Clay, Craighead, Cross, Greene, Lawrence, Mississippi, Poinsett, and Randolph Counties:

St. Bernards Medical Center
Summary of Acute Care Hospitals

|                                     | Cummary of Floure Care Floopings                        |                       |            |       |            |
|-------------------------------------|---|-----------------------|------------|-------|------------|
|                                     |   | Facility              | Miles from | Bed   | Annual     |
|                                     |   | Туре                  | Hospital   | Size  | Discharges |
| St. Bernards Medical Center         | 225 East Jackson, Jonesboro, AR 72401                   | Short-term Acute Care | -          | 438   | 17,185     |
| HealthSouth Rehabilitation Hospital | 1201 Fleming Avenue, P.O. Box 1680, Jonesboro, AR 72401 | Rehabilitation        | 1          | 67    | 1,589      |
| NEA Baptist Memorial Hospital       | 3024 Stadium Blvd., Jonesboro, AR 72401                 | Short-term Acute Care | 4          | 100   | 10,431     |
| Arkansas Methodist Medical Center   | 900 W. Kingshighway, P.O. Box 339, Paragould, AR 72451  | Short-term Acute Care | 21         | 129   | 4,285      |
| Lawrence Memorial Hospital          | 1309 West Main, Walnut Ridge, AR 72476                  | Critical Access       | 25         | 25    | 591        |
| Five Rivers Medical Center          | 2801 Medical Center Dr., Pocahontas, AR 72455           | Short-term Acute Care | 41         | 44    | 506        |
| CrossRidge Community Hospital       | 310 Falls Blvd S, Wynne, AR 72396                       | Critical Access       | 46         | 15    | 657        |
| Great River Medical Center          | 1520 N Division St, Blytheville, AR 72315               | Short-term Acute Care | 53         | 148   | 2,178      |
| Methodist Le Bonheur Healthcare     | 1265 Union Avenue, Memphis, TN 38104                    | Short-term Acute Care | 73         | 1,293 | 61,906     |
| Baptist Memorial Hospital           | 6019 Walnut Grove Rd, Memphis, TN 38120                 | Short-term Acute Care | 86         | 777   | 33,612     |
| Source: Costreportdata.com          |   |                       |            |       |            |

The following is a brief description of the health services available at each of these facilities:

**NEA Baptist Memorial Hospital** – Located in Jonesboro, Arkansas, NEA Baptist is approximately five miles from St. Bernards Medical Center. It is a large hospital offering a full range of inpatient and outpatient services.

*Arkansas Methodist Medical Center* – Located in Paragould, Arkansas, Arkansas Methodist is approximately 35 minutes from Jonesboro. It is a large hospital offering a full range of inpatient and outpatient services.

*HealthSouth Rehabilitation* – Located in Jonesboro, Arkansas, HealthSouth is approximately five miles from St. Bernards Medical Center. It offers both facility-based and home-based post-acute services.

*Five Rivers Medical Center* – Located in Pocahantas, Arkansas, Five Rivers is approximately one hour northwest of St. Bernards Medical Center. It is a local hospital offering inpatient and outpatient services.

*Lawrence Memorial Hospital* – Located in Walnut Ridge, Arkansas, Lawrence Memorial is approximately 30 minutes from St. Bernards Medical Center. It is a critical access hospital offering inpatient and outpatient services.



*Great River Medical Center* – Located in Blythville, Arkansas, Great River is approximately one hour east of St. Bernards Medical Center. It is a critical access hospital offering inpatient and outpatient services.

*CrossRidge Community Hospital* – Located in Wynne, Arkansas, CrossRidge is approximately one hour south of St. Bernards Medical Center. It offers acute care services.

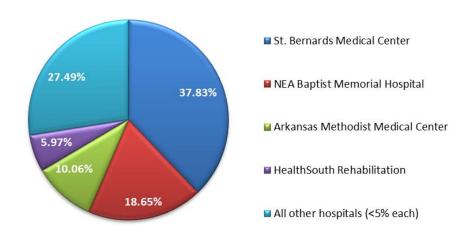
*Methodist Le Bonheur Healthcare* – Located in Memphis, Tennessee, Methodist Le Bonheur is approximately 1.5 hours southeast of St. Bernards Medical Center. It is a large hospital offering a full range of inpatient and outpatient services.

*Baptist Memorial Hospital* – Located in Memphis, Tennessee, Baptist Memorial is approximately 1.5 hours southeast of St. Bernards Medical Center. It is a large hospital offering a full range of inpatient and outpatient services.

#### Medical Center Market Share

The market share of a hospital relative to that of its competitors may be based largely services required by patients and the availability of those services at each facility. For this study, the market share of the Medical Center was considered based on the type of services required by those patients in the community. The ability to attain a certain relative market share (percentage) of the community varies based on a number of factors, including the services provided, geographical location and accessibility of each competing facility. The chart below presents the relative market share of each hospital that had discharges of residents from the community (Clay, Craighead, Cross, Greene, Lawrence, Mississippi, Poinsett, and Randolph Counties). This chart presents an analysis of data for the most currently available year, showing the percentage of total Medicare discharges from each hospital. This information provides an idea of summary market share as well as the outmigration of patients from the community. For 2014, the Medical Center maintained approximately 38% of all discharges from the community with NEA Baptist Memorial Hospital capturing about 19%, Arkansas Methodist Medical Center capturing around 10%, and HealthSouth Rehabilitation capturing around 6% of all discharges. The remaining 27% percent of discharges is made up of numerous hospitals, each with less than 5% of the total community discharges.

## **Community Market Share, 2014**



Because Arkansas law prohibits the Arkansas Department of Health from providing hospital-specific discharge information, the data in the chart above was estimated based on Medicare discharges by zip code and hospital, which is available from the Centers for Medicare & Medicaid Services.



#### Other Health Care Facilities and Providers

The Medical Center's eight-county service area has numerous clinics and other organizations dedicated to improving the health and well-being of the community. A listing of available resources compiled by the United Way of Northeast Arkansas in conjunction with the Medical Center can be found in Appendix A.

#### **Key Interviewees**

Speaking with key interviewees (community stakeholders that represent the broad interest of the community with knowledge of or expertise in public health) is a technique employed to assess public perceptions of the county's health status and unmet needs. These interviews are intended to ascertain opinions among individuals likely to be knowledgeable about the community and influential over the opinions of others about health concerns in the community. Key interviewees included the county health department directors from each county in the Medical Center's community, as well as individuals who are knowledgeable about populations within the community whose health and quality of life may not be as good as others, such as representatives of organizations serving the medically indigent, children in poverty, or the elderly. Additional community stakeholders, such as local government and business leaders, were also interviewed.

#### Methodology

Dialogues with 55 key interviewees were conducted in May 2016. Interviewees were determined based on their specialized knowledge or expertise in public health or their involvement with underserved and minority populations.

All interviews were conducted by Medical Center personnel using a standard questionnaire. A copy of the interview instrument is included in Appendix B. A summary of their opinions is reported without judging the truthfulness or accuracy of their remarks. Community leaders provided comments on the following issues:

- Health and quality of life for residents of the primary community
- Barriers to improving health and quality of life for residents of the primary community
- Opinions regarding the important health issues that affect community residents and the types of services that are important for addressing these issues
- Delineation of the most important health care issues or services discussed and actions necessary for addressing those issues

Interview data was initially recorded in narrative form. Interviewees were assured that personal identifiers such as name or organizational affiliations would not be connected in any way to the information presented in this report. This technique does not provide a quantitative analysis of the leaders' opinions, but reveals community input for some of the factors affecting the views and sentiments about overall health and quality of life within the community.



#### Key Interviewee Interview Results

As stated earlier, the interview questions for each key interviewee were identical. The questions on the interview instrument are grouped into four major categories for discussion:

- 1. General opinions regarding health and quality of life in the community
- 2. Underserved populations and communities of need
- 3. Barriers
- 4. Most important health and quality of life issues

While many issues were raised during the interviews, a few items stood out as being mentioned consistently by nearly all of the interviewees. These issues are summarized below:

- On average, the interviewees were optimistic about the health status of the community. On a scale of 1 to 10, the interviewees rated the quality of life in the community an average of 6.8. Of the 55 interviews, 29, or 53%, felt that quality of life in the community had improved over the last three years, while 14, or 25%, felt it had stayed the same and 12, or 22%, felt that it had declined.
- The major health problems noted by the key interviewees were diabetes, obesity, cancer and heart disease.
- The major contributing factors to poor health in the community noted by the key interviewees were low income, poor eating habits and tobacco use.
- Several interviewees in more rural parts of the community stated that there is a need for more family practice physicians and clinics.

#### **Evaluation of Response to 2013 CHNA**

The Medical Center prepared an implementation strategy in response to the needs identified in its 2013 needs assessment. A listing of those needs, along with the steps taken by the Medical Center to address them, is below.

#### Obesity

- o In November 2014, the St. Bernards Weight Loss Clinic began offering nutritional counseling for obesity and other health conditions using DietMaster Pro Software.
- Kids Fit Camps are offered during the summer at St. Bernards Health and Wellness. These camps are geared toward teaching children to develop a healthy lifestyle through nutritional education and physical activity.
- o The Silver Sneakers program offered through the St. Bernards Health and Wellness Center provides physical activity options for the senior population.
- o The Medical Center offered seminars on bariatric surgery. Participants are educated on bariatric surgery and can decide if it is the right choice for their weight loss needs.

#### • Uninsured Adults

 The Medical Center is a partner in Enroll the Ridge, an outreach, education and enrollment program to help residents of the community sign up for Medicaid or insurance through the health insurance exchange.



- o The Pharmacy Assistance Program is free to Medical Center patients and helps those in need enroll in manufacturer assistance programs for long-term maintenance medications.
- o The Medical Center's financial assistance program assists patients who have no ability to pay for medical services or who need financing or discounts to be able to pay for their care.
- The Medical Center's emergency room has been expanded to provide additional capacity for the treatment of uninsured patients. This expansion includes an Express Care clinic to allow for the treatment of non-emergency patients.

#### Diabetes

- o Diabetes Self Management Training offers comprehensive diabetes education for both type 1 and type 2 diabetic patients, including both one-on-one education and group classes.
- Other diabetes management classes are offered to the community, including the following:
  - Pre-diabetes educational classes
  - Gestational diabetes education
  - Insulin pump therapy and education
  - Abnormal childhood weight gain counseling
  - Monthly diabetes support group
  - Quarterly diabetic cooking class
- o Annual diabetes education is provided to school nurses in the community.
- o Free health screenings are provided to the community. These screenings check cholesterol, blood pressure, diabetes, weight and BMI, and health counseling is provided by a registered nurse. These screenings are offered throughout the community as follows:
  - Free Screening Friday each month at St. Bernards Health and Wellness
  - Annual community screenings at each of the counties included in the community
  - Periodic free screenings at local businesses in northeast Arkansas
- "Taking it to Heart" Lunch and Learns are provided monthly, focusing on managing chronic illness, specifically heart disease and diabetes. A heart-healthy and diabetic-friendly lunch is provided.
- An endocrinologist was recruited in October 2013 to provide care to the diabetic population in the community.

#### Access to Care

- o The Medical Center collaborates with health care providers in our region on the recruitment of physicians to fill key vacancies, especially primary care providers.
- o The Medical Center develops partnerships within the region to provide specialty clinics throughout the community, so that those living in more rural areas can access care without having to travel to Jonesboro.

#### • Heart Disease

 "Taking it to Heart" Lunch and Learns are provided monthly, focusing on managing chronic illness, specifically heart disease and diabetes. A heart-healthy and diabetic-friendly lunch is provided.



- Women's Heart Health educational programs provide women with information on how to recognize risk factors for heart disease, how to modify one's lifestyle to reduce risk of heart disease, and how to recognize signs and symptoms of heart disease in women.
- o The Heart Club Support Group provides ongoing education and support to those dealing with heart disease.
- The Healthy Heart 2-mile Walk/Run encourages physical activity to reduce heart disease risk factors.
- CPR and AED education is provided to community members to allow cardiac arrest to be immediately treated.
- o STEMI education is provided to community members to educate people on the signs of a heart attack and when to call 911, and to emergency medical personnel on the management of emergency care for a patient presenting with signs of a heart attack.

#### Tobacco Use

- o The Medical Center is involved in several youth outreach programs to educate children on the dangers of tobacco use.
- The Medical Center supports local anti-smoking policies, including the establishment of smoke-free zones.
- The Medical Center promotes smoking cessation through media such as radio ads, newspaper ads and social media.
- Education on cessation resources is provided to the community through several grants and organizations, including classes presented in the community upon request.

Because population health data takes time to become publically available, it is difficult to quantitatively assess the impact of actions taken by the Medical Center in response to the previous needs assessment. However, there are indications that the Medical Center's efforts are having a positive effect on the health of the community. For example, the number of uninsured patient encounters at the Medical Center dropped 42% from 2013 to 2014, as discussed on Page 5 of this needs assessment. The Medical Center believes that as it continues to work to meet the health needs of the community, further gains will be made in these and other areas where a need has been identified.

#### **Identification and Prioritization of Health Needs**

Based on a review of the data gathered during this assessment, including leading causes of death, rankings of health outcomes and factors as well as surveys and interviews, numerous health needs were identified. These needs were prioritized and evaluated to determine which were significant to the community. The criteria included the numbers of persons affected, the seriousness of the issue, whether the health need particularly affected persons living in poverty or members of an underserved population, and availability of community resources to address the need.

As a result, the following list of significant needs was identified:

- 1. Obesity
- 2. Diabetes
- 3. Access to clinics and primary care physicians
- 4. Heart disease



- 5. Senior care
- 6. Cancer
- 7. Tobacco use

#### Other identified needs include:

- Health education
- Children in poverty
- Preventable hospital stays
- Access to healthy foods

The Medical Center will develop an updated implementation strategy to address the needs identified during the community health needs assessment. This assessment will be made publicly available on the Medical Center's website. Public comments on this assessment may be directed to the Medical Center's management at 225 East Jackson Avenue, Jonesboro, Arkansas 72401.



### **APPENDICES**



# APPENDIX A NORTHEAST ARKANSAS RESOURCE DIRECTORY

# **RESOURCE DIRECTORY**





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Version: 2012

## **ABUSE**

| Adult Protective Services(Report abuse or neglect ages 18+) www.aradultprotection.com  | 1-800-  | -482-80  | 49                         |
|--|---------|--|----------------------------|
| AR Child Abuse Hotline   | .1-800- | -482-59  | 64                         |
| AR Coalition Against Domestic Violence (info only)   | .1-800  | -269-46  | 68                         |
| CASA (Court Appointed Special Advocate-for children) 511 Union Suite 327, Jonesboro, AR 72401 104 W. Main, Paragould, AR 72450 www.neacasa.org   |         | 935-10<br>240-37   | 99                         |
| Department of Children & Family Services (DCFS)  |         | 972-17   | 32                         |
| Department of Human Services (DHS)(Report abuse of ages 55+)<br>2920 McClellan Drive, Jonesboro, AR 72401  |         | 972-17   | '32                        |
| National Domestic Violence Hotline   | .1-800  | -799-32  | 224                        |
| Rape & Victim Assistance   |         | 972-95   | 93                         |
| Report Child Abuse or Neglect  | 1-800-  | -482-59  | 64                         |
| Women's Crisis Center (NEA Council on Violence)  |         | 933-94   | 49                         |
| AGING  |         |  |                            |
| AARPwww.aarp.org/states/ar   | 1-888-  | -687-22  | 277                        |
| East Arkansas Area Agency on Aging.  Hoxie - 500 SW Lawrence, 72433  Jonesboro - 2005 East Highland, 72401  Paragould - 120 W. Highland, 72450  Piggott - 215 N. 2nd, 72454  Pocahontas - 1320 Dalton, 72455  Trumann - 351 Campbell St., 72472  Wynne - 1412 S. Falls Blvd., 72396  www.e4aonline.com |         | 886-24<br>972-59<br>236-39<br>598-29<br>892-54<br>483-25 | 60<br>80<br>03<br>51<br>51 |
| Black River Area Development   |         | 892-45   | 47                         |
|  |         |  |                            |

| AGING (continued)   | ALCOHOL, DRUGS, COUNSELING (continued)   |
|---|--|
| Caraway Senior Life Center  | ASU Counseling Center  |
| Center on Aging Northeast   | Better Life Counseling Center 1605 James Street, Jonesboro, AR 72401   |
| DHS, Division of Aging and Adult Services Harrisburg - 406 North Illinois, 72432578-5491  | www.betterlife.org   |
| 2920 McClellan Drive, Jonesboro, AR 72401   | Celebrate Recovery 7th & Mueller Church of Christ  |
| Paragould - 809 Goldsmith Road, 72451       236-8723         Pocahontas - 1408 Pace Rd.72455       892-4475         Piggott - 187 North Second, 72454       598-2282         Walnut Ridge - 400 Northwest Fourth Street, 72476       886-2408 | Concepts of Truth, Inc   |
| Wynne - 803 Highway 64 E, 72396   | Consolidated Youth Services (youth 8-18 & their families)  |
| Monette Senior Citizens Center  | Families Inc Ash Flat - 75 Hwy 62/412, Ste. J, 72513   |
| Senior Citizen's Center   | Paragould - 211 N 23rd St, Ste 6, 72450  |
| Social Security   | Walnut Ridge - 1425 W. Main St, 72476  |
| St. Bernards Day Place  | First Baptist Church ~ Celebrate Recovery  |
| St. Bernards Senior Services www.sbrmc.com/centers-of-excellence/senior-services/   | Hispanic Community Services, Inc   |
| St. Bernards Senior Life Center   | 311 Huntington, Jonesboro, AR 72401 www.jhcsi.org  |
| 700 East Washington, Jonesboro, AR 72401  ALCOHOL, DRUGS, COUNSELING  | Lakeside Behavioral Hospital (inpatient and outpatient)  |
| Agape House   | Life Strategies Counseling   |
| 9 Greene Road 937, Paragould, AR 72450-9160   | Jonesboro - 1217 Stone Street, 72401   |
| Alcoholics Anonymous (AA)   | Piggott - 318 E Poplar, 72454  |
| AL A Teen933-1518<br>200 W. Matthews Jonesboro, AR 72401  | Mid-South Health Systems (outpatient)  |
| Arkansas Baptist Family & Child Care Services   | Corning - 602 David, 72422       857-3655         Jonesboro - 2707 Browns Lane, 72401       972-4000         Paragould - #28 Southpointe Dr., 72450       239-2244         Pocahontas - 2560 Old County Road, 72455       892-7111 |

| ALCOHOL, DRUGS, COUNSELING (continued)  | CLOTHES, FOOD (continued)                      |
|---|--|
| Mid-South Health Systems <i>continued from page 5</i> (outpatient) Walnut Ridge - 102 S. Larkspur, 72476886-7924 www.mshs.org | Campus Outreach Ministry (Greene County only)  |
| NEA Regional Recovery Center  | Monday-Thursday 8:30-4:00<br>7thandmueller.com |
| New Beginnings PNC (Lawrence County)  | Cherry Valley Food Pantry                      |
| Out of the Dark   | Deliverance Family Worship                     |
| Randolph County Cornerstone Coalition   | First Baptist Church (Piggott only)            |
| St. Bernards Behavioral Health (inpatient/outpatient)   | First Baptist Church Care Center               |
| CLOTHES, FOOD   | First Baptist Church of Bay (food only)        |
| 7th & Mueller Church of Christ  | First General Baptist                          |
| American Red Cross (natural disasters/ house fires)   | First United Pentecostal (food only)           |
| Agape Mission Outreach  | Fisher United Methodist Church                 |
| Angel Food Ministries   | Food Bank of Northeast Arkansas, referral only |
| Bay First Baptist Church  | Good Samaritan Outreach (CRDC)                 |
| Black River Area Development  | Good Shepherd Center                           |
| Black Rock Sr. Center   | Tuesday 10:00-3:00 and Friday 1:00-4:00        |
| Brookland Church of Christ  | Harrisburg 1st United Methodist                |
| Brookland United Methodist (food only)935-3501  | Helping Hands Outreach                         |
| 301 Church St, Brookland, AR 72417  | Helping Neighbors Food Pantry                  |

| CLOTHES, FOOD (continued)  | CLOTHES, FOOD (continued)  |
|--|--|
| Lake City First Baptist  | Victory General Baptist  |
| Lawrence Co. Resource Council (food only)  | W. I. C.( Food for pregnant women and children)  |
| Magnolia Rd Baptist Church (food only)   | Weiner United Methodist  |
| Miller's Temple Church of God in Christ  | Wynne Church of Christ   |
| Mission Outreach of NEA (food, shelter)  | CONSUMER PROBLEMS  |
| 901 East Lake St, Paragould, AR 72450 • call in advance  | Attorney General (Consumer complaint)  |
| NARAN (HIV positive clientele only)  | Better Business Bureau   |
| 1st Monday of the month 8:30-4:00  | Consumer Credit Counseling Services  |
| Nettleton Baptist Church   | DISABILITIES   |
| New Testament Mission  | Abilities Unlimited (developmental disabilities) 2725 North Church, Jonesboro, AR 72401  |
| New Vision Worship Center  | http://aui.org/  |
| 900 E South St, Harrisburg, AR 72432  Power of Freedom Ministries  | AR DHS Division of Services for the Blind and Physically Handicapped 268-2230 2920 McClellan Drive, Room 1106, Jonesboro, AR 72401 |
| 12533 Hwy 251, Warm Springs, AR 72478 • Available by appointment   | AR School for the Blind800-362-4451/501-296-1810   |
| Project New Start  | 2600 Markham Street, Little Rock, AR 72203 www.arkansasschoolfortheblind.org   |
| Salvation Army (Emergency services, food, clothes, shelter)<br>800 Cate, Jonesboro, AR 72401 ◆ Monday-Friday 9:00-4:00 | AR School for the Deaf   |
| Salvation Army (Lawrence, Randolph, and Sharp Counties only) 109 West Everett Street, Pocahontas, AR 72455892-1895     | AR Spinal Cord Commission  |
| Social Security (for disabled, retired, widowed)   | www.spinalcord.ar.gov  |
| 2608 Fair Park Boulevard, Jonesboro, AR 72401<br>Monday-Friday 9:00-4:00   | East Arkansas Area Agency on Aging (Alzheimer's, arthritis)  |
| Southwest Church of Christ   | ASU Speech & Hearing (provides evaluation at low cost)   |
| Strong Tower Church  | www2.astate.edu/a/conhp/communication-disorders/cd-asushc.dot  |

| DISABILITIES (continued)  | DISABILITIES (continued)  |
|---|---|
| Christian Record Services for the Blind   | Rehabilitation (job readiness & placement)  |
| www.christianrecord.org  Civitan Civic Club (supports services for disabled children)   | Special Olympics  |
|   |   |
| Deaf and Hearing ImpairedTTY-972-1204/972-0025<br>2920 McClellan Drive, Jonesboro, AR 72401   | St. Bernards Health-Line (referrals)  |
| Early Connections LLC (Clay Craighead Greene Lawrence Poinsett)236-2545   | The Learning Center (developmental disabilities)  |
| 3711 Greene 721 Rd Paragould, AR 72450  FOCUS, Inc (developmental disabilities  | TTY Referral Service  |
| 2809 Forest Home Road, Jonesboro, AR 72401935-2750/1-888-247-3843 717 N. Pruett St. Paragould, AR 72450                                   | United Cerebral Palsy of Arkansas   |
| HealthSouth Rehab Hospital  | DISASTER  |
| Home Health Care  | American Red Cross (food, emergency shelter)  |
| ICAN (used equipment exchange for anyone with a disability) 1-800-828-2799 21 Corporate Hill Drive, Little Rock, AR 72205 www.ar-ican.org | www.redcross.org  County Emergency Services Clay - 151 S. 2nd Ave Piggott, AR 72454                                       |
| Jackson County Learning Center  | Craighead - 511 Union Street, Jonesboro, AR 72401   |
| Jonesboro Human Development Center  | Jackson       523-6011         Lawrence       886-5750         Poinsett - 401 Market St. Harrisburg, 72432       578-4455 |
| Life Skills Center  | Randolph 176 Clover Rd. Pocahontas, AR 72455  |
| 217 East Cherry, Jonesboro, AR 72401 www.childrenstherapysvs.com  | Salvation Army (Food, shelter & clothing)   |
| Lifeline (St. Bernards Senior Life Center)931-4260/1-888-325-4680 700 East Washington, Jonesboro, AR 72401                                |   |
| Lions World Services for the Blind800-248-0734 2811 Fair Park Blvd., Little Rock, AR 72204  | EDUCATION  ACQUIRE (info regarding child care locations)  |
| Mid-South Lions Sight & Hearing Service   | 615 University Loop East, Jonesboro, AR 72401   |
| 930 Madison Ave., Memphis, TN 38103<br>www.midsouthlions.org  | Area Vo-Tech (at Jonesboro Public Schools)  |
| Network of Community Options (Craighead, Lawrence, Randolph)612-5900 PO Box 356 Ashflat, AR 72513   | Arkansas Single Parent Scholarship Fund   |
| Pathfinders (developmental disabilities)  | www.aspsf.org   |

| EDUCATION (continued)  | EDUCATION (continued)  |
|--|--|
| Arkansas State University-Newport  | Literacy League (Craighead & Poinsett)   |
| Beck Pride Center (wounded veterans)   | Office of Reading (Laubach literacy tutoring)  |
| Black River Technical College  | PACES (pregnant & parenting teens)   |
| blackrivertech.org  Cooperative Extension Service (Lawn, garden, home economics) | SUCCESS Schools  |
| Clay - 716 SW 2nd St Corning, AR 72422   | Valley View Adult Education Center   |
| Cross - 705 E Union Ave. Wynne, 72396  | Williams Baptist College   |
| Randolph - 2500 US Hwy 62 West Pocahontas, AR 72455892-4504                      | EMERGENCY SERVICES   |
| Craighead County Jonesboro Public Library  | 5 Rivers Medical Center  |
| Head Start (income-based for preschoolers) Caraway - 128 Kelly St., 72419        | Arkansas Methodist Medical Center (Emergency)  |
| Cherry Valley - 372 Walnut St., 72324  | Arkansas State Police  |
| Jonesboro - 1405 Bittle St., 72401   | ASU Police   |
| Jonesboro - 2200 E. Matthews Ave., 72401   | Craighead County Sheriff   |
| Marked Tree - 99 West Highway 63, 72365  | Emerson Ambulance  |
| Paragould - 1 Laubach Dr., 72450   | FBI  |
| Piggott - 1020 S Taylor Ave., 72454  | Great River Medical Center   |
| Pocahontas - 1407 Patrick Dr., 72455   | Hispanic Center Services, Inc. (crisis o emergencia - bilingual) 932-0700 311 Huntington Avenue, Jonesboro, AR 72401 |
| Trumann - 351 Campbell St., 72472  | Jonesboro City Police  |
| Weiner - 441 School St., 72479   | Medic-One Ambulance  |
| 12   | 13   |

| EMERGENCY SERVICES (continued)  | HOUSING  |
|---|--|
| Mid-South Health Systems (suicide, detox services)  | Aspen Gardens (Ages 62+) 972-1898<br>1011 Rains, Jonesboro, AR 72401 |
| NEA Baptist (Emergency Room)  | College Corner (HUD based on income)                                 |
| Paragould Fire (non-emergency)239-7525<br>1405 West Kingshighway, Paragould, AR 72450           | Crowley's Ridge Development Center (home ownership)                  |
| Piggott Community Hospital  | Habitat for Humanity   |
| Poison Control (poison, drug overdose info)   | Jonesboro Housing Authority  |
| Salvation Army (temporary shelter for homeless)   | Garden Manor Apts. (disabled, age 62+)                               |
| SMC Regional Medical Center(Emergency)  | Pines & Cedar  |
| St. Bernards Medical Center (Emergency Room)  | Plainview Apts (Section 8 HUD based on income)                       |
| EMPLOYMENT  | Poinsett County Housing Authority                                    |
| American Indian Center  | Walker Courts (Section 8 HUD low rent housing)                       |
| Arkansas Employment Security Department   |  |
| Arkansas Employment Security Department   | GENERAL INFORMATION  |
| Arkansas Employment Security Department   | City of Jonesboro Animal Control                                     |
| Arkansas Rehabilitation Services (education, employment) 972-0025                               | Jonesboro Regional Chamber of Commerce                               |
| 2920 McClellan Drive, Suite 2168, Jonesboro, AR 72401 Arkansas Workforce Center (job placement) | Federal Information Center (for federal offices) 1-800-333-4636      |
| 2311 A East Nettleton, Jonesboro, AR 72401  Experience Works (for those 55 or older)            | First Congressional District Field Office                            |
| 2311 East Nettleton, Jonesboro, AR 72401  | Hispanic Community Services, Inc                                     |
| FOCUS, Inc. (for people with disabilities)  | 311 West Huntington Ave, Jonesboro, AR 72401 www.jhcsi.org           |
| Hispanic Community Services, Inc  | Jonesboro Jaycees  |
| 311 Huntington, Jonesboro, AR 72401<br>www.jhcsi.org  | NEA Humane Society   |

| GENERAL INFORMATION (continued)  | <b>MEDICAL</b> (contin   |
|--|--|
| Northeast Arkansans For Animals  | American Red Cross (firs 305 W. Jefferson, Jonest                              |
| Veteran's Services   | American Red Cross Bloc<br>1904 Grant Ave, Jonesbo                             |
| Internal Revenue Service   | American Stroke Associa  |
|  | AR Kids First  |
| LEGAL  | Arkansas Crisis Pregnand   |
| LEGAL  | Arkansas Department of   |
| Ease Arkansas Area Agency on Aging (Lawyers serve ages 55+) 972-5980   | 102 Liberty Street, Mark<br>1204 W Main St, Trumar                             |
| Arkansas Legal Services Partnerarlegalservices.org   | 110 N East Street, Harris  |
| Arkansas Volunteer Lawyer Services for the Elderly501-376-9263 2020 W. 3rd St. Ste. 620, Little Rock, AR 72205   | 801 Goldsmith Road, Pa<br>1009 South Garfield, Pig<br>1050 West Free Street, V |
| CASA (Court Appointed Special Advocates)   | 704 Canal Street, Wynne  |
| 511 Union Suite 327, Jonesboro, AR 72401  Child Support Enforcement  | Arkansas Methodist Med<br>900 West Kingshighway,                               |
| 2006 Latourette Drive, Jonesboro, AR 72401 Crimestoppers (report info to help solve crimes)                      | Arthritis (Self-help course<br>6213 Father Tribou, Littl                       |
| Hispanic Community Services (referrals, interpret court/police) 931-1884 311 Huntington Ave, Jonesboro, AR 72401 | Breast Resource Informa<br>1144 East Matthews, Joi                             |
| www.jhcsi.org  Legal Aid of AR (low-income, no criminal cases)   | Children's Clinic800 South Church Street                                       |
| Espanol  | Children's Medical Service 2920 McClellan Dr. Jone                             |
| Victim Assistance (victims of crimes)  | Coalition for Healthy Chil<br>2920 McClellan Drive, Jo                         |
| MEDICAL  | Community Healthcare C<br>3219 N Hwy 67B, Walnu                                |
| 5 Rivers Medical Center  | Craighead County Health<br>611 E. Washington Ave.                              |
| AHEC Family Practice Center  | Cross Ridge Community 310 South Falls Bouleva                                  |
| American Cancer Society  | Emerson Ambulance<br>1703 East Nettleton Ave                                   |
| American Diabetes Association  | Extended Family Home F   |
| American Lung Association  | 27 10 i iiiiipa Diive, Join  |
|  |  |

| MEDICAL (continued)  |                  |
|--|------------------|
| American Red Cross (first aid, CPR, health classes)  | 932-3212         |
| American Red Cross Blood Services  | 268-1990         |
| American Stroke Association (CPR training)   | 877-AHA-4CPR     |
| AR Kids First  | 888-474-8275     |
| Arkansas Crisis Pregnancy Help Line  | 888-610-2229     |
| Arkansas Department of Health  |                  |
| Arkansas Methodist Medical Center  | 269-7000         |
| Arthritis (Self-help courses, exercise classes)  | . 1-800-482-8858 |
| Breast Resource Information  | 336-4806         |
| Children's Clinic  | 935-6012         |
| Children's Medical Services (DHS)  | 972-1732         |
| Coalition for Healthy Children (Health insurance for children) 2920 McClellan Drive, Jonesboro, AR 72401 | 972-1732         |
| Community Healthcare Center  | 886-5507         |
| Craighead County Health Department   | 933-4585         |
| Cross Ridge Community Hospital   | 238-3300         |
| Emerson Ambulance  | 935-5577         |
| Extended Family Home Health  | 932-7463         |

| MEDICAL (continued)   | MEDICAL (continued)   |
|---|---|
| Family Medical Center   | Poinsett County Medicine Assistance   |
| Flo and Phil Jones Hospice336-4200  | Poison Control1-800-376-4766/1-800-222-1222   |
| HealthSouth Rehab Hospital 932-0440 1201 Fleming, Jonesboro, AR 72401   | Pregnancy Health Center   |
| Jonesboro Church Health Ctr (Low income, appointment only) 972-4777 500 Kitchen Street, Jonesboro, AR 72401   | Pregnancy Resource Center   |
| Lawrence County Health Services   | Safe Jonesboro Coalition (Car Seats)  |
| Lupus Foundation of America   | Shriner's Hospital for Children   |
| www.lupus.org           March of Dimes         932-0300   | Spinal Cord Commission  |
| 272 Southwest Drive, Jonseboro, AR 72401 www.marchofdimes.com   | St. Bernards 225 East Jackson, Jonesboro, AR 72401 Healthline (doctor locator service)                                  |
| Medic-One Ambulance   | Birthcare Center       972-4388         Medical Center       972-4100         Patient Assistance Program       336-2080 |
| Medicaid Transportation   | United Cerebral Palsy of AR1-800-228-6174/501-224-6067<br>9720 North Rodney Parham Road, Little Rock, AR 72227-6212     |
| Breast Resource Information   | Vision USA (Free eye exams)   |
| Breast Resource Information   | W. I. C.( Food for pregnant women and children)   |
| Mission Outreach of NEA   | www.fns.usda.gov/wic  |
| NEA Regional AIDS Network   | RENTAL ASSISTANCE   |
| NEA Baptist Memorial Hospital   | Crowley's Ridge Development Council (Rent & Utilities)  |
| NEA Clinic  | Mission Outreach of NEA (Rent and Utilities)  |
| NEA Clinic Doctor Finder935-NEAC  | Salvation Army (Rent, Utilities, Food, Clothes, Shelter)  |
| NEA Charitable Foundation, Medical Assistance Program (Prescriptions) 934-5400 1835 Grant, Jonesboro AR 72401 | 800 Cate, Jonesboro, AR 72403 • Monday-Friday 9:00-4:00   |
| NEA Women's Clinic  |   |

| SHELTER  |
|--|
| Arkansas Baptist Children's Homes and Family Ministries  |
| Black River Area Development   |
| Children's Homes, Inc  |
| Consolidated Youth Services (Ages 8-18)  |
| Lawrence County Children's Shelter   |
| Mission Outreach   |
| Salvation Army (Temporary shelter for homeless)  |
| White River Battered Women's Shelter   |
| Women's Crisis Center  |
| SUPPORT GROUPS   |
| ADHD-Focus, Inc (Attention Deficit, hyperactivity)   |
| Alliance for Mentally III  |
| Alzheimer's (Area Agency for Aging)930-2235/1-888-532-2235 2005 East Highland Drive, Jonesboro, AR 72401 |
| Arthritis Exercise   |
| Battered Women   |
| Greene County Low Vision Support Group   |
| Grief (St. Bernards Hospice) 935-6310  |

| SUPPURT GROUPS (CONTINUED)  |
|---|
| NEA Breast Care Support Group   |
| Parents Without Partners  |
| Parkinson's Disease   |
| Poinsett County Veterans Administration                                       |
| Rape-Victim Witness Assistance 972-9593 511 Union Street, Jonesboro, AR 72401 |
| Reconnection-SW Church of Christ (Ex-gay males)                               |
| Sisters for Survival (women cancer survivors)                                 |
| Stroke/Post Polio Rehab Hospital  |
| Widowed Persons/Caring & Sharing  |

CIIDDODT CDOIIDS (continued)

#### TRANSPORTATION 2005 East Highland Drive, Jonesboro, AR 72401 1403 Hospital Drive, Pocahontas, AR 72455 305 County Rd. 472, Jonesboro, AR 72401 2401 Fox Meadow Lane, Jonesboro, AR 72404 1703 East Nettleton Avenue, Jonesboro, AR 72401 110 South Gee Street, Jonesboro, AR 72401 3301 South Caraway Road, Jonesboro, AR 72404 2005 East Highland, Jonesboro, AR 72401

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700 East Washington, Jonesboro, AR 72401

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| Centerpoint Energy Arkla  | 1-800-992-7552          |
|---|-------------------------|
| City Water & Light  | 930-3300                |
| Craighead Electric Cooperative  | 932-8301/1-800-794-5012 |
| Crowley's Ridge Development Council (rent & utilitie  | es) 932-0836            |
| Mission Outreach of NEA (Greene Co. residents)<br>901 East Lake Street P.O. Box 1122, Paragould, AF |                         |
| Salvation Army (rent, utilities, food, clothes, shelter Monday-Friday 9:00-4:00                     | ·)932-3785              |

| YOUTH  |                 |
|--|-----------------|
| Big Brothers Big Sisters of N. Central Arkansas    | 501.336-9505    |
| Boy Scouts of America (Boys 6-18, Girls 14-18)     |                 |
| 325 Magnolia Street, Wynne, AR 72396               | 1070 200 2 1 12 |
| Children and Family Services                       | 972-1732        |
| Children Services                                  | 972-4080        |
| City Youth Ministries                              | 932-9398        |
| Consolidated Youth Services                        | 972-1110        |
| Craighead County 4-H                               | 933-4565        |
| CRDC (Prevention Resource Center)                  | 933-0033        |
| Girl Scouts Diamonds                               | 932-2833        |
| Greene County 4-H                                  | 236-6921        |
| Happy Talk315 West Oak Avenue, Jonesboro, AR 72401 | 932-7323        |

# **YOUTH (continued)**

| Make a Wish Foundation (Memphis)                | 800-264-9474 |
|---|--------------|
| NEA Children's Advocacy Center                  | 275-7902     |
| Paces, Inc. (Teen parenting issues)             | 932-1166     |
| Parks and Recreation                            | 933-4604     |
| SUCCESS Schools                                 | 931-9647     |
| YMCA (Recreational activities, organized teams) | 932-8482     |

## FREQUENTLY USED RESOURCES

| American Red Cross (food, emergency                                   | shelter) 932-3212                                 |
|---|---|
| East Arkansas Area Agency on Aging                                    | 972-5980/1-800-467-3278                           |
| Jonesboro Church Health Center (Low                                   | income health care, appointment only)<br>972-4777 |
| City Youth Ministries   | 932-9398  |
| Craighead County Health Department .                                  | 933-4585  |
| Crowley's Ridge Development Council (                                 | rent & utilities) 932-0836                        |
| Department of Human Services (DHS)                                    | 972-1732  |
| Greene County Community Fund  | 239-8435  |
| Helping Neighbors Food Pantry<br>Monday-Thursday 10:00-2:00           | 935-7298  |
| NEA Foundation (Prescriptions)  | 934-5400  |
| Salvation Army (rent, utilities, food, clo<br>Monday-Friday 9:00-4:00 | othes, shelter)                                   |
| The Learning Center (developmental di                                 | sabilities) 932-4245                              |
| Women's Crisis Center (domestic violer                                | nce)933-9449                                      |

## LIVE UNITED

Living united means being a part of the change.

# Advancing the COMMON GOOD

United Way is working to advance the common good by focusing on education, income and health. These are the building blocks for a good life—a quality education that leads to a stable job, enough income to support a family through retirement, and good health.

Our goal is to create long-lasting changes that prevent problems from happening in the first place.

We invite you to be part of the change. Together, united, we can inspire hope and create opportunities for a better tomorrow. That's what it means to **LIVE UNITED.** 

E10% GIVE 100%

GIVE. ADVOCATE. VOLUNTEER.





# APPENDIX B KEY INTERVIEWEE QUESTIONNAIRE



#### **PAGE 1: Community Needs Assessment 2016**

Q1: Contact Information

Name

Company

Address

City/Town

ZIP/Postal Code

**Email Address** 

**Phone Number** 

Q2: Which county do you live in?

Q3: How many years have you worked in your current position?

Q4: On a scale of 1 to 10, with 1 being lowest and 10 being highest, how would you rate health and quality of life in your area?

(no label)

Q5: In your opinion, has health and quality of life changed over the past few years?

Q6: Based on your answer in question 5, what are your reasons for choosing that answer?

Q7: What other factors have contributed to the improvement, staying the same, or decline of the health and quality of life in your county?

Q8: Are there people or groups of people in your county whose health and quality of life may not be as good as others? Please select from the options below.

Q9: Based on your answer in question 8, what are the reasons you feel their health and quality of life has been affected?

Q10: In your opinion, what are the most critical health and quality of life issues in your county?

Q11: Based on your answers in question 10, what needs to be done to address these issues?

Q12: Is there anyone else that you would recommend that we interview?



# APPENDIX C SOURCES



#### **Sources**

Total Population by County and Development District Projections. <a href="http://iea.ualr.edu/GregProjectionV2010/Total\_POP\_summary.xls">http://iea.ualr.edu/GregProjectionV2010/Total\_POP\_summary.xls</a>

U.S. Census Bureau. American Community Survey. 2009-13. Source geography: Tract

U.S. Department of Labor: Bureau of Labor Statistics. 2015-September. Source geography: County

County Health Rankings: Mobilizing Action Toward Community Health. 2012. Robert Wood

Johnson Foundation and the University of Wisconsin Population Health Institute. 8 July 2013 <a href="http://www.countyhealthrankings.org">http://www.countyhealthrankings.org</a>.

2014-2015 Cost Report Data. Online Medicare Cost Report Worksheets and Data Sets. <a href="http://www.costreportdata.com/index.php">http://www.costreportdata.com/index.php</a>>.

HealthyPeople.gov. 2011. U.S. Department of Health and Human Services. 30 Nov. 2011 <a href="http://www.healthypeople.gov/">http://www.healthypeople.gov/</a>.