

Boone County Hospital and Public Health

Community Health Needs Assessment (CHNA) Report



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Date Revised: March 25, 2016

Boone County Hospital and Public Health

Promote Healthy Living Assessment

includes topics such as addictive behaviors (tobacco, alcohol, drugs, gambling), chronic disease (mental health, cardiovascular disease, cancer, asthma, diabetes, arthritis, etc.), elderly wellness, family planning, infant, child & family health, nutrition and healthy food options, oral health, physical activity, pregnancy & birth, and wellness.

Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:	
1 <input type="text" value="Mental Health"/>	Poor Mental Health Days is higher than IA and national average; 53.3% survey report substance abuse or other mental health concern. Access to mental health and suicide prevention resources needs to increase.	Yes	<input type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other	<input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:	
2 <input type="text" value="Obesity"/>	Rate well above IA average and national goal; PHYSICAL ACTIVITY level above IA average and national goal; ACCESS To HEALTHY FOODS and RATIO of FAST FOODS to ALL RESTAURANTS better than IA average, but above national goals; HEALTHY EATING above average 28.7% population; VERY UNHEALTHY EATING HABIT average 2.7% of population; 27% of survey respondents mention obesity as a problem.	Yes	<input type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other	<input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
3 Coronary Heart Disease	#1 cause of death, significantly higher than IA average; unfavorable to national and peer averages; no stress test 14.0% of population; CHRONIC is 10.7% above average 9.2% of population; 2007 to 2009 trend above national average, significantly high among Blacks. Boone County – 2012 Coronary Heart Disease Death Rate per 100,000 = 208.4.	No	<input type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input checked="" type="checkbox"/> Other <div style="margin-left: 20px;">Boone County Hospital, 1015 Union St., Boone, IA 50036, 515-432-3140, has radiologic and diagnostic technology to help identify heart disease at an earlier stage and treat it. This includes nuclear medicine, stress testing and wellness lab panel; added a cardiology group to their outreach specialty clinic one day per week; collaborates with Mercy Medical Center in the STEMI program which transfers patients for diagnosis to cath lab within 90 minutes; offers CPR classes and provides AEDs throughout the community through a grant.</div> <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
4 Alcohol Abuse	It is indicated that 20% of the population drinks excessively which is the same as the state average but almost 3 times the national benchmark. Alcohol and substance abuse resources need to increase.	No	<input type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input checked="" type="checkbox"/> Other <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources <p>Public health and health organizations, such as the Boone County Recovery Center and Youth and Shelter Services have programmatic responses to address this need, allowing Boone County Hospital resources to be devoted to address other needs; Responding to Alcohol Abuse is most effectively executed by direct patient physician interactions rather than application of institutional services. Other Local Resources identified during the CHNA process which are believed available to respond to this need include the following: Youth and Shelter Services, 420 Kellogg Street, Ames, IA, 50010, 515-233-3141; Community and Family Resources, 823 Keeler St. Boone, IA 50036, 515-473-0800; Boone County Recovery Center, 1015 Union St, Boone, IA 50036, 515-432-1519</p>

Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
5 Diabetes	20% of residents listed this as a major concern; #7 cause of death, higher than IA average; CHRONIC at national average for 10.3% of population. Boone County – 2013 Diabetes Death Rate per 100,000 = 23.2. Diabetic education and treatment resources should be expanded to enhance education and continue to reduce the impact of the disease.	No	<input checked="" type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input checked="" type="checkbox"/> Other <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources Boone County Hospital, 1015 Union St., Boone, IA 50036, 515-432-3140, provides a certified diabetic education program with a diabetic education nurse and dietician; and holds regular Lunch and Learns on this topic, as well as “Empowering You” sessions. Other Local Resources identified during the CHNA process which are believed available to respond to this need include the following: American Diabetes Association, 1701 N, Beaugard St., Alexandria, VA 22311, 800-342-2383

Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
6 Smoking and Tobacco Use	Rate significantly above IA average and national goal; above average 28.6% of population. The number of local residents who smoke or otherwise use tobacco products needs to decline. 2013 Health Outcomes and Factors (Boone County) – Adult Smoking = 21%.	No	<input checked="" type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input checked="" type="checkbox"/> Other <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources Boone County Hospital, 1015 Union St., Boone, IA 50036, 515-432-3140, is a non-smoking campus including the clinic; provides free smoking cessation services to all staff and smoking cessation education to inpatients as appropriate; and all patients are screened for smoking and tobacco use. Other Local Resources identified during the CHNA process which are believed available to respond to this need include the following: Iowa Department of Public Health, 321 E. 12th Street, Des Moines, Iowa, 50319, 515-281-6225

Prevent Injuries & Violence Assessment

includes topics such as brain injury, disability, EMS trauma & system development, intentional injuries (violent & abusive behavior, suicide), occupational health & safety, and unintentional injuries (motor vehicle crashes, falls, poisoning, drowning, etc.).

Injuries & Violence Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
1 Suicide	Suicide #10 cause of death; Boone County – 2013 Suicide Death Rate per 100,000 = 9.1; 53% of residents reported this as a major concern. Access to mental health and suicide prevention resources needs to increase.	Yes	<input type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Boone County Hospital and Public Health

Protect Against Environmental Hazards Assessment

includes topics such as drinking water protection, food waste, food safety, fluoridation, hazardous materials, hazardous waste, healthy homes, impaired waterways, lead poisoning, nuisances, on site wastewater systems, radon, radiological health, soil erosion, and vector control.

Environmental Hazards Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
1 Not identified as need/ priority in 2013.		No	<input type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Boone County Hospital and Public Health

Prevent Epidemics & the Spread of Disease Assessment

includes topics such as disease investigation, control & surveillance, HIV/AIDS, immunization, reportable diseases, sexually transmitted diseases (STDs), and tuberculosis (TB).

Epidemics & Spread of Disease Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
1 Not identified as need/ priority in 2013.	Flu – 26.6 (rate per 100,000) – significantly higher than expected, County ranks #24 out of 99, above IA average	No	<input type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Boone County Hospital and Public Health

Prepare for, Respond to, & Recover from Public Health Emergencies Assessment

includes topics such as communication networks, emergency planning, emergency response, individual preparedness, recovery planning, risk communication, and surge capacity.

Preparedness Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
1 Not identified as need/ priority in 2013.		No	<input type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Boone County Hospital and Public Health

Strengthen the Health Infrastructure Assessment

includes topics such as access to quality health services, community engagement, evaluation, food security, food systems, food and nutrition assistance (SNAP, WIC), health facilities, health insurance, medical care, organizational capacity, planning, quality improvement, social determinants (e.g., education & poverty levels), transportation, and workforce (e.g., primary care, dental, mental health, public health).

Health Infrastructure Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
1 Affordability and Access to Care	53.3% survey participants consider cost a barrier to care access; 33.3% cost of medicine a concern; 26.6% financial problem accessing mental health service. Efforts need to be devoted to achieve enhanced availability of affordable medical and wellness services. 2013 Health Outcome and Factors (Boone County) – Percent Uninsured = 9%.	No	<input type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input checked="" type="checkbox"/> Other <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources <p>Boone County Hospital, 1015 Union St., Boone, IA 50036, 515-432-3140, provides significant discounts for basic lab panel and uninsured patients, as well as free blood pressure screenings and \$25 annual physicals for students; has a grant for early detection Mammograms and Pap Smears for low income and uninsured community residents; support the local Free Clinic through 4-6 hours per week of coordinator services, free radiology and lab for certain patients and subsidized pharmacy programs; provides space to the Free OB/GYN Teen Clinic; and works closely with the Iowa Hospital Association at both the State and Federal level to advocate for expanded Medicaid and Insurance coverage. Other local resources identified during the CHNA process which are believed available to respond to this need include the following: Free Clinic of Boone County, 703 Arden Street, Boone, Iowa 50036, 515-954-7508; Department of Human Services, 126 S. Kellogg St., Ames IA, 515-292-2085</p>

Health Infrastructure Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
2 Mental Health	<p>Access to mental health and suicide prevention resources needs to increase. Suicide #10 cause of death; Poor Mental Health Days is higher than IA and national average; 53.3% survey report substance abuse or other mental health concern.</p> <ul style="list-style-type: none"> Boone County – 2013 Suicide Death Rate per 100,000 = 9.1 	Yes	<input type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Health Infrastructure Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
3 Compliance Behavior	<p>59.9% of pop NOT RESPONSIBLE FOR HEALTH; 57.2% no PAP/ CERVIX TEST; 50.3% below VIGOROUS EXERCISE; 38.6% NOT FOLLOWING TREATMENT RECOMMENDATIONS.</p>	No	<input type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input checked="" type="checkbox"/> Other Boone County Hospital, 1015 Union St., Boone, IA 50036, 515-432-3140, provides nurse follow-up calls, well baby checks, Diabetes education and support groups, detailed discharge planning, new medication education and smoking cessation education for inpatients; participates in the Wellmark COQ program which includes compliance behavior measurements; recently developed a magnet to send home with patients that identifies when they need to be concerned about symptoms and when they need to contact someone; and recently implemented a health coaching pilot in the outpatient clinic. <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Health Infrastructure Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
4 Dental	Dentist to population ratio exceeds both the IA and national ratios indicating a significant need for dentists. 2013 Health Outcome and Factors (Boone County) – Dentist to Population Ratio = 2,705:1.	No	<input type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input checked="" type="checkbox"/> Lack of human resources/ staff <input checked="" type="checkbox"/> Other <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input checked="" type="checkbox"/> Lack of financial resources <p>Boone County Hospital does not have the expertise or financial resources to develop a dental program at this time; and it is not usually the purview of critical access hospital to provide dental services. Other Local Resources identified during the CHNA process which are believed available to respond to this need include the following: WIC, 226 S.E. 16th St, Ames, IA 50010, 515-232-9020 Robert Booth, DDS, 1515 S. Marshall Street, Boone, IA 50036 Jaimee Mowrer, DDS, 703 8th Street, Boone, IA 50036 Rachel Reis, DDS, 227 S. State Street, Madrid, IA 50156 Jeffrey Gragg, DDS, 237 W. Mulberry, Ogden, IA 50212 Matthew Platt, DDS, 227 S. State Street, Madrid, IA 50156 Jon Sunstrom, DDS, 708 8th Street, Boone, IA 50036 Jennifer Grove, DDS, 227 S. State Street, Madrid, IA 50156</p>

Health Infrastructure Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
5 Healthy Food	Access is lower than IA average, but 4 times national benchmark. Since a lack of health eating is a precursor to several disease conditions, efforts need to be identified to improve health eating habits.	No	<input checked="" type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input checked="" type="checkbox"/> Other <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources <p>Community organizations and local businesses, such as the Hy-Vee Grocery and Fareway Grocery, have programmatic responses to address this need, allowing Boone County Hospital resources to be devoted to address other needs; and Responding to Healthy Eating is most effectively executed by direct one on one counseling and education interactions rather than application of institutional services. Through active support of local community organizations and businesses that address this issue, will allow them strengthen and hopefully expand their programs and efforts. Other Local Resources identified during the CHNA process which are believed available to respond to this need include the following: Hy-Vee Grocery, 1111 8th Street, Boone, IA 50036, 515-432-6065 Fareway Grocery, 715 8th Street, Boone, Iowa 50036, , 515-432-2623 The Wellness Connection, 416 Douglas Ave., Ames, IA 50010, 402-875-5515</p>

Health Infrastructure Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
6 Preventable Hospitalizations	Rate above IA and national goal. Increased education and programs to support appropriate hospitalization. Re-admission rate = 6.61%. 2013 Health Outcomes and Factors (Boone County) – Preventable Hospital Stays = 64.	No	<input checked="" type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input checked="" type="checkbox"/> Other <div style="margin-left: 20px;">Boone County Hospital, 1015 Union St., Boone, IA 50036, 515-432-3140, provides nurse follow-up calls, detailed discharge planning, with magnets describing expected and problematic symptoms; participates in the Wellmark COQ program which includes compliance behavior measurements; medical staff reviews all re-admissions for appropriateness; and provides homecare services.</div> <div style="margin-left: 20px;"> <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources </div>

Boone County Hospital and Public Health

MARCH 25, 2016

COMMUNITY HEALTH NEEDS ASSESSMENT SNAPSHOT



Promote Healthy Living

- Priority #1 Mental Health
- Priority #2 Obesity
- Priority #3 Coronary Heart Disease
- Priority #4 Alcohol Abuse
- Priority #5 Diabetes
- Priority #6 Smoking and Tobacco Use



Prevent Injuries & Violence

- Priority #1 Suicide



Protect Against Environmental Hazards

- Priority #1 Not identified as need/priority in 2013.



Prevent Epidemics & the Spread of Disease

- Priority #1 Not identified as need/priority in 2013.



Prepare for, Respond to, & Recover from Public Health Emergencies

- Priority #1 Not identified as need/priority in 2013.



Strengthen the Health Infrastructure

- Priority #1 Affordability and Access to Care
- Priority #2 Mental Health
- Priority #3 Compliance Behavior
- Priority #4 Dental
- Priority #5 Healthy Food
- Priority #6 Preventable Hospitalizations