

Audubon County

Community Health Needs Assessment (CHNA) Report



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Audubon County

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 Mental health services in Audubon County	In a survey of Audubon county residents, mental health ranked number one in the area of most concern. In 2014 mental health conditions ranked number 2 in the age groups 0-18 and 19-64 according to the Top 10 County Hospitalization Causes by Year for Audubon County. Per the Iowa Youth survey 13% of students in grades 6, 8, and 11 had seriously thought of killing themselves. Committee members felt while some services were available in the county, the public, providers, and law enforcement were not well informed. HRSA has designated Audubon County as a Medically Underserved Area and a Health Professional Shortage Area (HPSA) with only 1 mental health provider. Currently Iowa has 87 Underserved areas and the HPSAs contain only 70 mental health providers.	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 Alcohol and Drug Use in Youth	Per the Audubon County Youth Survey Results 2014, 23% of 11th graders indicated they had alcohol use (more than a sip-a full can of beer, a shot of liquor, wine cooler, glass of wine, etc) in the past 30 days, 8% engaged in binge drinking (5 or more drinks in a row with the purpose to get drunk), 3% had used marijuana in the past 30 days.	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 Elderly Wellness	Per the US Census Quick Facts 23.2% of the population of Audubon County is 65 years of age or older. In comparison only 13% of the US population falls in that age range. Elderly	No	<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 checked="" type="checkbox"/> Other Too broad of topic <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 Cancer rate in Audubon County	The University of Iowa, College of Public Health's State Health Registry of Iowa, 2014 Cancer in Iowa. The projected cancer deaths for Audubon County is 20. The projected number of new cancers is 60. Screening is done by the physicians. No specific screening campaigns are conducted focusing on breast, colorectal or prostate cancers.	No	<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 checked="" type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Audubon County

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 Falls in persons age 65 and older	Per the US Census Quick Facts 2014 estimate 24.3% of the population of Audubon County is 65 years and over. The 2014 estimate percentage of lowans over the age of 65 years is 14.5% Per the Falls in Iowa: County Deaths and Hospitalizations, 2009-2013, the death rate per 100,000 was 70.6 and the crude hospitalization rate was 13.33. According to IDPH Single County Health Indicators Report, Falls, Emergency Department Visit Rate- Ages 65-84 (per 100,000) for Audubon County was 3866.83 as compared to 3611.38 for the state of Iowa from 2010-2014. In the 85+ age group the same report shows the Emergency Department rate as 11473.09 for Audubon County versus 10729.55 for the state of Iowa. In the IDPH Report Falls in Iowa: County Deaths and Hospitalizations, The summary states, "Falls among older adults appear to be a major public health issue."	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

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:
2 Emergency Medical Service in a small rural county	A survey of Audubon County residents in 2015 identified Emergency Medical Services as the number one issue in this area. When completing the Analysis of Community Health Assets in the CHNA-HIP toolkit, the committee felt the emergency medical services were adequate. First responders are volunteer firemen who must leave their jobs in order to respond to emergencies. As the population of Audubon County grows older, so do these volunteers. A new EMS transport service was recently started in the county, with ability to be staffed 24/7. However it only transports patients from local hospitals to larger hospitals. A helicopter will be housed at the Audubon Airport in the near future. Audubon County Memorial Hospital has a fully-staffed emergency department with a mid-level practitioners. Based on the 2013 Iowa Health Fact Book, Audubon County has 31 Emergency Care Providers (First Responder, Basic, Intermediate, Paramedic, and Paramedic Specialist). Only the towns of Audubon and Exira have first	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 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

responders. Kimballton is served by the Elk Horn Fire Department. Brayton is served by first responders from Exira. Gray approximately 11 north of Audubon is served by the Audubon Fire Department.

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 Drinking Water Protection in a rural county with a large agricultural base	A 2015 survey of Audubon County residents ranked drinking water protection as the area of most concern in this section. According to the IPDH Report - Community Food Systems: A Primer for Local Public Health Agencies, the water quality of Iowa's streams has improved, however the average water quality score still remains in the poor category. The CHNA-HIP committee verbalized the application of fertilizers and pesticides applied to farm fields could adversely affect the drinking water quality. In 2015 Audubon County had 0% of drinking water violations per the County Health Rankings & Roadmaps. The state had 7% drinking water violations.	No	<input checked="" 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

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:
2 Food Security and Healthy Food Access	Audubon County Residents surveyed indicated food safety as a concern. The CHNA-HIP committee ranked food security and healthy food access as needing improvement when completing the Analysis of Community Assets. The only grocery store is located in Audubon. Exira has tried for several years to attract a grocery store without success. Farmer's Markets are held in the summer months in Audubon and Exira, usually with 5 or less vendors. The vendors do not accept vouchers for food. Per the Community Food Systems Report, "Even where grocery services exist, produce offerings in low income neighborhoods are often of poorer quality yet higher price when compared to more affluent neighborhoods. People tend to make food choices based on the food outlets available in their immediate neighborhoods. Residents with poor supermarket access have increased exposure to high calorie foods with little nutritional value at convenience stores or fast food restaurants, intake of which contributes to increased risk of disease." Residents of Exira, Brayton, Gray and Kimballton must travel at least 10-15 miles to purchase healthy foods at a supermarket.	No	<input checked="" 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

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:
3 Healthy Homes	<p>The 2009 American Housing Survey shows that homes built in the 2000s have more safety features such as smoke and carbon monoxide detectors and sprinkler systems. Also home built in Audubon County after 2008 are required to have radon controls in place. According to the Physical Housing Characteristics for Occupied Housing Units 2010-2014 American Community Survey 65.7% of homes in Audubon County were built prior to 1960. Of these 40.6% were built before 1939. Iowa Health Fact Book 2013 data states most cases of childhood lead poisoning are caused by lead paint in home built before 1960. New Opportunities, Inc. administers the lead grant for Audubon County. According to the 2014 Year Ending September 30, 2014, 67 children were tested and 1 child had a lead level of 15ug/dl or higher.</p>	No	<input checked="" 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

Audubon County

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 Immunizations / Vaccines	<p>While the immunization coverage rates for Audubon County fall short of the CDC benchmarks, the CHNA-HIP committee felt the county and surrounding counties provided a sufficient number of places to receive immunizations. Audubon County Public Health Nursing Service and the Exira Medical Clinic both provide vaccines for the VFC and privately insured children. The two pharmacies in the county also provide influenza, pneumonia, and shingles vaccines for adults. The Audubon County Memorial Hospital does not deliver babies, consequently some parents choose to have their children immunized at their primary care provider in another county. In 2015 the immunization rate in children 24 months of age was 82% for the agency and 76% county wide per the IRIS data benchmark report. The lowest immunization rate was for 3 HPV for adolescents. Parents have been reluctant to have their children immunized at the recommended age.</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 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

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:
2 Disease Control and Surveillance	<p>In FY 15 per the Iowa Disease Surveillance System events count report, Audubon County had a total of 6 requests for disease follow-up from IDPH. All nurses employed at Audubon County Public Health have had basic epidemiology training. Two nurses have had advanced epidemiology training. Shelby county handles restaurant inspections and complaints.</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 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

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:
3 Sexually Transmitted Diseases	The 2015 County Health Rankings is 372. (372 per 100,000 population). When taking into account the actual population the estimated number of cases would be 22. The 2014 surveillance data states there were 22 cases of STDs the previous year and only 14 in the reporting year.	No	<input checked="" 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

Audubon County

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 Emergency Planning	According a 2015 survey of county residents this was ranked as the area of most concern. Audubon County Public Health Nursing Service has been active in emergency planning with other counties and community partners since 2003. The current coalition meets at least every other month. Redundant plans are in place for responding to public health emergencies.	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

Preparedness Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
2 Emergency Response	Emergency response ranked second in this priority area. The Audubon County Coalition meets on a regular basis. EMA has plans to address emergency response. Public health staff meets on a quarterly basis with other coalitions in the area to share information for planning and response.	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

Preparedness Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
3 Communication Networks	Audubon County participates in the Alert Iowa Program. Residents of the county can sign up to receive text or voice alerts to a phone number or email address in 15 different categories.	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

Audubon County

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 Access to quality health services	The 2015 survey of Audubon County indicated this area is of most concern. When completing the analysis of Community Assets, the CHNA-HIP committee rated this area as "available but fails to meet needs adequately." Audubon County is designated as a Health Professional Shortage Area. According to the 2013 Iowa Health Fact Book, there are 3 total physicians (one of which has retired), 3 physician assistants, and 1 advanced practice nurse. One dentist provides dental care in the county and does not accept Title 19 clients. Clinics are not open on the weekends or in the evening, further limiting access to physicians. Audubon County Memorial Hospital has specialists scheduled to come to the hospital on a regular basis.	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 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

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 Medical care	Only 2 physicians practice in the county. In the survey conducted of Audubon County residents, 3 comments included the lack of a physician or medical professionals. According to the 2015 County Health Ranking , Audubon County has a primary care physician provider population ratio is 2955:1 and there are no mental health providers.	No	<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 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 Hospital constantly working on recruiting

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 Health insurance	According to the 2015 County Health Ranking, 15% of adults are uninsured and 6% of children are uninsured. This compares with 12% of adults in Iowa and 6% of children in Iowa. The county does not have an office for the Department of Human Services, making it more difficult for residents to apply for Medicaid.	No	<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 checked="" type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Audubon County

BOH APPROVAL 2/29/16

COMMUNITY HEALTH NEEDS ASSESSMENT SNAPSHOT



Promote Healthy Living

- Priority #1 Mental health services in Audubon County
- Priority #2 Alcohol and Drug Use in Youth
- Priority #3 Elderly Wellness
- Priority #4 Cancer rate in Audubon County



Prevent Injuries & Violence

- Priority #1 Falls in persons age 65 and older
- Priority #2 Emergency Medical Service in a small rural county



Protect Against Environmental Hazards

- Priority #1 Drinking Water Protection in a rural county with a large agricultural base
- Priority #2 Food Security and Healthy Food Access
- Priority #3 Healthy Homes



Prevent Epidemics & the Spread of Disease

- Priority #1 Immunizations / Vaccines
- Priority #2 Disease Control and Surveillance
- Priority #3 Sexually Transmitted Diseases



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

- Priority #1 Emergency Planning
- Priority #2 Emergency Response
- Priority #3 Communication Networks



Strengthen the Health Infrastructure

- Priority #1 Access to quality health services
- Priority #2 Medical care
- Priority #3 Health insurance