

Lyon County, Iowa

Community Health Needs Assessment (CHNA) Report



For additional information about this report, CONTACT:

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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 Physical Health and Healthy Nutrition for Lyon County residents	<p>Premature Death- According to the 2015 County Health Rankings report, Lyon County had 4,810 premature deaths. Premature death is considered the number of years of potential life lost before age 75. It has also been identified by the CHSI 2015 profile for Lyon County, that we have had an increase in deaths related to coronary heart disease and diabetes related deaths.</p> <p>Factors identified in our Community Health Needs Assessment Survey provided to citizens of our county indicated that the following could be contributing factors to PPYL prior to age 75:</p> <p>Lack of Physical Activity -Per our Community Health Needs Survey 57% of the surveyed population identified that Lack of Exercise is a behavior that has the greatest impact on the overall health of people in Lyon County. 53% of those surveyed identified themselves as being physically active less than two times per week. According to the County Health Rankings 2015, Lyon County has 28% of its population that is physical inactivity compared to 24% for the state of Iowa as a whole.</p> <p>Adult Obesity/Child Obesity - Per our Community Health Needs Survey, 49% of the surveyed population identified that Lyon County residents have behaviors that lead to overeating and this has a great impact on the overall health of our county residents. Of those completing the survey, who were ages 18-80 indicated that 43% of them had poor eating habits. The County Health Rankings identified that 32% of Lyon County has been identified as dealing with Adult Obesity.</p> <p>Free or Reduced School Lunch -According to a windshield study and email study conducted by Northwestern Students for Lyon County, it has been identified that children and their families have decreased access to healthy foods and education on</p>	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

preparing healthy foods. It has been identified by ISU Extension survey results that in 2013-2014 we had 28.1% of our students eligible for Free or Reduced School Lunch but only had 547 students and families take the opportunity to utilize the resource.

WIC- According to ISU Extension survey in 2013 it was identified that Lyon County had 267 women, infants and children participating in WIC program. According to the US Census 7% of our population are people 5 years and under and we had 7.9% of our population living in poverty.

Alcohol impaired driving deaths- Lyon County Health Rankings for 2015 indicates that we had 40% of our residents involved in an alcohol impaired driving death. Per our Community Health Needs Survey 43% of our residents surveyed identified that Alcohol abuse has a great impact on the overall health of Lyon County. 16% of those surveyed indicate they use alcohol more than two times per week.

Adult Smoking- 33% of the county residents have identified that Tobacco Use among not only adults but our youth as well, has an impact on the overall health of the people in Lyon County. Per the County Health Rankings 2015 we have 17% of our adult population that smoke.

ACES SCORE- 52 out of 141 people that completed the ACES screening on the Community Health Needs had a score of 7 or higher. This also is an indication of how life experiences can be a contributing factor to health behaviors, lifestyles and health outcomes.

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 Healthy Deliveries	<p>Low Birth Weight - The county health rankings identified that Lyon County had 6% premature births in 2015. The state of Iowa (6.8%). This rate has increased by 2% since 2010.</p> <p>WIC- According to ISU Extension survey in 2013 it was identified that Lyon County had 267 women, infants and children participating in WIC program. According to the US Census 7% of our population are people 5 years and under and we had 7.9% of our population living in poverty.</p> <p>Prenatal Education - We currently have limited resources in our county that do prenatal education for families. Due to limited</p>	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 type="checkbox"/> Lack of financial resources

financial resources, time, and lack of transportation many families that do participate in the MCH program through Mid-Sioux do not utilize the opportunity to take prenatal classes in the bordering communities/states that provide them.

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 Unintentional Injuries	<p>Injury deaths - The County Health Rankings identifies that in 2015 Lyon County had 59 injury deaths, (State of Iowa 64). According to Falls in Iowa - policy brief the leading cause of death for those over age 65 are from falls.</p> <p>Hospitalizations from 2009-2013 - Per the Falls in Iowa: County Deaths and Hospitalizations report from November 2014 by IDPH Lyon County had 52 hospitalizations from 2009-2013. These hospitalizations incurred charges that totaled 523,105.89.</p> <p>Population of persons 65 or older - 16% of the population in Lyon County is 65 or older per the US Census 2014 .</p>	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

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 Fluoridation	<p>Per the Mid-Sioux annual report and the I-Smiles program, along with the State of Iowa, it has been identified that there are no water systems in Lyon County that contain fluoridation.</p> <p>I-Smiles is working to increase fluoride treatments and dental screenings within the school setting in order to increase availability of fluoride to students.</p>	No	<input type="checkbox"/> Other priorities rated higher <input checked="" 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 type="checkbox"/> Lack of financial resources

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	<p>Childhood Immunizations- Per the 2014 Iowa Immunization Program Annual report 99.24% of the student population in Lyon County had valid immunization certificates. The report also indicated that 61% of 2 year olds were up-to-date with their immunizations.</p> <p>Adolescent immunization rate - Per the 2014 Immunization Program Assessment Lyon County has 542 adolescents and 31% are up-to-date with the 3-1-2-1-2 recommendations. (3 Hep B, 1 Meningitis, 2 MMR, 1 Td or Tdap, and 2 Varicella). 17% of 13-15 year old females have completed the 3 dose series of HPV and 9% of males 13-15 have completed the 3 dose series of HPV.</p> <p>Many of the children in this age range are not fully immunized as their parents lack the education of what vaccines they need and when they need them.</p> <p>It has also been identified through the school audits that we have many transient children in our immunization home. Many will initiate services at our office, but then get them out of state since we are county borders South Dakota and Minnesota.</p>	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

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 County Preparedness	<p>Public Health Emergency Planning - The Healthcare Coalition in Lyon County identified in 2015 that we need to increase our access to volunteers, as well as increase training on how we add volunteers to an emergency response situation. As a review of the flood disaster in our area in 2014, it has been identified that we had no consistent tracking ability of volunteers throughout the event. We have also identified the need to conduct training of volunteers prior to another emergency event/situation so as to keep all volunteers and personnel safe.</p> <p>Sheltering - The Healthcare Coalition along with Lyon County EMA have also identified that we are in need of additional resources for the entire county in the event of a widespread county disaster. We have assessed our supplies on hand for sheltering and have identified with our community partners we need additional items to set up shelters in the event of a disaster.</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

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 Healthcare Workforce	<p>Mental Health Providers - According to the 2015 County Health Rankings Lyon County Snapshot there is 1 Mental Health provider per 11, 712 people.</p> <p>Dentists - Per the County Health Rankings and Lyon Count snapshot is has been identified that we have 1 dentist to 2,342 people.</p> <p>Primary Care Physicians - The County Health Rankings 2915 indicates that Lyon County has 1 provider to 3, 919 people.</p>	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 _____

Lyon County, Iowa

FEBRUARY 29, 2016

COMMUNITY HEALTH NEEDS ASSESSMENT SNAPSHOT



Promote Healthy Living

Priority #1 Physical Health and Healthy Nutrition for Lyon County residents

Priority #2 Healthy Deliveries



Prevent Injuries & Violence

Priority #1 Unintentional Injuries



Protect Against Environmental Hazards

Priority #1 Fluoridation



Prevent Epidemics & the Spread of Disease

Priority #1 Immunizations



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

Priority #1 County Preparedness



Strengthen the Health Infrastructure

Priority #1 Healthcare Workforce