## **Community Health Needs Assessment (CHNA) Report**







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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.

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|---|--|---|------------------------------|--|
|   | Healthy Living<br>Community Priority                 | Rationale / Specific Need   | Is this priority in the HIP? | If the priority is not addressed in the HIP, reason(s) why:  |
| 1 | Healthy Lifestyles/Healthy<br>Behaviors              | CHNA partners reviewed several data sets through CHNA.org that demonstrated a high need for addressing the lifestyles and behaviors of our population. A plan for promoting and encouraging Healthy Lifestyles over the next 3 years has been developed with defined strategies for implementation. Significant health data reviewed showed our county has high rates of obesity (31%), diabetes (9%), high cholesterol (39%) high blood pressure (29%) a population that lacks physical activity (27%), and those with little fruit/vegetable consumption (83%). We also have 15.4% self reporting they have poor general health. Mortality from premature death exceeds both the state and national rates. Our mortality rates in cancer, heart disease, stroke, and lung disease also all exceed the state and national averages. Lee County ranked 99 out of 99 for healthy behaviors in the most recent County Health Rankings report. The CHNA survey conducted throughout the community also indicated obesity and alcohol/drug use are the top two health concerns in the county. | Yes                          | Other priorities rated higher not exist  Existing programs already address problem/need not exist  Lack of human resources/ staff  Other                       |
|   | Healthy Living<br>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/Behavioral<br>Health issues and access | CHNA partners reviewed several data sets as well as our CHNA community-wide survey results that demonstrated a high need for addressing mental health and behavioral health issues of our county as well as access issues. A plan for addressing these issues over the next 3 years has been developed with defined strategies for implementation. CHNA.org data reviewed showed our county has high rates of depression with our medicare population (15.5%); Mental Health conditions were of the top 10 reasons for ER visits in our hospital ER departments; Alcohol/Substance abuse/violent crime rates were much higher than the state and national averages. The county health ranking report showed that our population self report 2.5 poor  | Yes                          | Other priorities rated higher Community partners do not exist  Existing programs already address problem/need not exist  Lack of human resources/ staff  Other |

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mental health days per month and the mental health provider ratio in Lee County is 1,487:1. Community-wide survey results indicated Mental Health as the 3rd most important health concern of the county with alcohol/drug use as the #1 concern (behavioral health issue). During stakeholder discussion it was noted that both the hospital ER and jails are often over utilized for mental health placement/holding area as there are waiting lists (some times up to 8 days) for available mental health placements across the state. There are limited resources for consumers to access mental health care when in crisis and often a 3 month time period for scheduling appointments with a mental health professional in the area.

|   | Healthy Living<br>Community Priority | Rationale / Specific Need   | Is this priority in the HIP?    | If the priority is not addressed in the HIP, reason(s) why:   |
|---|--------------------------------------|---|---------------------------------|---|
| 3 | Alcohol/Drugs Abuse                  | CHNA.org data reviewed by community partners revealed that 29% of our adult population drinks alcohol excessively and 22% use tobacco. County Health Ranking reviewed indicated that alcohol impaired driving deaths in Lee County all exceed both the state and national averages. Iowa Youth survey data demonstrated that our youth continue to use alcohol, marijuana, and tobacco products starting as early as the 6th grade. Although these issues are of concern, partners felt this could be addressed through strategies in other identified HIP priorities and by our existing community resources in place. | No                              | <ul> <li>○ Other priorities rated higher</li> <li>○ Existing programs already address problem/need</li> <li>○ Lack of human resources/ staff</li> <li>○ Other</li> <li>○ Will be included as part of other priorities identified</li> </ul> |
|   |                                      |   |                                 |   |
|   | Healthy Living<br>Community Priority | Rationale / Specific Need   | Is this priority<br>in the HIP? | If the priority is not addressed in the HIP, reason(s) why:  Other priorities rated  Community partners do  |

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|   | Healthy Living<br>Community Priority | Rationale / Specific Need   | Is this priority<br>in the HIP? | If the priority is not addressed in the HIP, reason(s) why:  |
|---|--------------------------------------|---|---------------------------------|--|
| 5 | Access to Oral Health                | According to our CHNA.org data reviewed 21% of our population has poor dental health and access to dentists is a major barrier for our Medicaid population in Lee County. Only one dentist accepts new Medicaid patients. This requires a majority of our medicaid population to access oral health care outside of the county often with a two to three month waiting period. ER utilization for dental care is also a concern for our two local hospitals. Oral health concerns exist in all age groups within the county. This issue will be addressed in another priority as part of developed strategies for people to access routine care and for our population to understand the importance of and practice proper oral hygiene habits. | No                              | <ul> <li>○ Other priorities rated higher</li> <li>○ Existing programs already address problem/need</li> <li>○ Lack of human resources/ staff</li> <li>○ Other</li> <li>○ Will be part of other identified priorities on the HIP</li> </ul> |

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## **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<br>Community Priority | Rationale / Specific Need   | Is this priority in the HIP? | If the priority is not addressed in the HIP, reason(s) why:  |
|---|---|---|------------------------------|--|
| 1 | Violent Crime                             | CHNA.org data reviewed by partners revealed that the violent crime rate of 523.82 (FBI Uniform Crime Reports) for Lee County exceeded both the state and national violent crime rates (Iowa 266 and US 395.5). Community wide survey results showed that 22% of respondents felt that acts of violence/crime had great impact on the health of our population and was a health concern. Although there was much discussion on this health issue, it was not chosen as a top priority for the HIP.   | No                           | Other priorities rated higher Community partners do not exist  Existing programs already address problem/need Lack of human resources/ staff  Other            |
|   | Injuries & Violence<br>Community Priority | Rationale / Specific Need   | Is this priority in the HIP? | If the priority is not addressed in the HIP, reason(s) why:  |
| 2 | Child Abuse and Neglect                   | Many of the critical factors that challenge parents, such as poverty, unemployment, mental health issues, substance abuse issues, etc., tend to manifest themselves in child abuse and neglect. Adverse early childhood experiences then can cause a variety of behavioral problems later in life. According to the lowa Child Abuse by County report from Prevent Child Abuse lowa partners reviewed the number of confirmed child abuse and neglect reports for 2013 which revealed 410 accepted reports, 156 confirmed or founded reports (38% confirmation rate) which left Lee County ranking 15 of 99 counties with highest rank in rate. Partners confirmed the rank has declined over the past years (Lee County used to be at #1, then #4, #7 in prior CHNA processes). Although the rate is still of concern, other priorities rated higher since family support programs exist in the community that are already attempting to prevent child abuse and neglect and are working on this health issue already. | No                           | Other priorities rated higher Community partners do not exist  Existing programs already address problem/need not exist  Lack of human resources/ staff  Other |

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|   | Injuries & Violence<br>Community Priority          | Rationale / Specific Need   | Is this priority in the HIP? | If the priority is not addresse  | d in the HIP, reason(s) why:   |
|---|--|---|------------------------------|--|--|
| 3 | Unintentional injury<br>(accidents, falls, motor ) | According to CDC National Vital Statistics Mortality caused by unintentional injuries age adjusted death rate was at 55.22 compared to the state average of 37.83. Mortality from motor vehicle accidents also exceeded the state average at an age adjusted rate of 16.96. Transport accidents were one of top 5 causes of deaths in ages 0-18 with non-transport accidents being the 2nd leading cause in 19-64 age groups according to IDPH environmental health portal data. Injuries made the top 10 causes of hospitalizations in all age groups and the number one cause of all ER visits in all age groups in the county. Although partners found these statistics alarming it did not become a high rated priority to address in the HIP. Survey results indicated less than 10% found it to be a health need issue. | No                           | Other priorities rated higher  Existing programs already address problem/need  Lack of human resources/ staff  Other | Community partners do not exist  Lead organization does not exist  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<br>Community Priority | Rationale / Specific Need  | Is this priority in the HIP? | If the priority is not addresse  | d in the HIP, reason(s) why:   |
|---|---|--|------------------------------|--|--|
| 1 | Lead poisoning/other                        | According to US Census Bureau data reviewed by partners, Lee County housing units median year for construction is 1957 when most often lead based paint was used. IDPH Environmental Health portal data reviewed indicated there were 10 confirmed elevated cases in the 2007 birth cohort, which has dropped from previous year data. CHNA Partners did not select this as a top priority health need as local providers are completing lead screenings and risk assessments with follow up being completed by public health. On the community wide survey conducted, less than 5% of respondents felt lead poisoning was currently a health concern in the county. Partners did not identify any other environmental health concerns and actually noted environmental health as a community strength/asset and that CHNA Data reviewed did not support this as a top priority health need area. Less than 13% of the community survey respondents chose air/water and other environmental health concerns as an issue. | No                           | Other priorities rated higher  Existing programs already address problem/need  Lack of human resources/ staff  Other | Community partners do not exist Lead organization does not exist Lack of financial resources |

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## **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<br>Community Priority            | Rationale / Specific Need   | Is this priority in the HIP? | If the priority is not addressed in the HIP, reason(s) why:  |
|---|--|---|------------------------------|--|
| 1 | HIV Screenings/STDS/<br>Communicable Disease/<br>Immunizations | According to CDC and Prevention, BRFFS data by CARES reviewed by partners, 81.26% of adults in our county have never been screened for HIV compared to lowa's average of 73.82%. However, according to CDC comparison of primary indicators with peer counties, morbidity from HIV is better in Lee County compared to other counties. Additional CHNA data reviewed such as the County Health Rankings report indicated some sexually transmitted diseases rated higher than our state average such as Chlamydia, however Gonorrhea and HIV prevalence were lower than state average. Communicable diseases/STDS were also low rated on our community wide survey with less than 5% of our respondents identifying communicable disease as a priority health concern and less than 9% rating STDs. Not getting immunized was even less of a concern with a little over 3% on the survey indicating immunization rates were a health concern. After reviewing several data sets, partners agreed these issues were not high rated priorities. Preventive screenings were identified as a concern by partners during the review and this will be a component of a Healthy Lifestyles plan component. | No                           | Other priorities rated higher Community partners do not exist  Existing programs already address problem/need not exist  Lack of human resources/ Lack of financial resources staff  Other Preventive screening and education/outreach will become part of another priority health need strategy |

## 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<br>Community Priority   | Rationale / Specific Need  | Is this priority in the HIP? | If the priority is not addressed in the HIP, reason(s) why:  |
|---|--|--|------------------------------|--|
| 1 | Child care availability for crisis and emergencies/non traditional hours                           | CHNA partners agreed there is a need for additional child care placements especially the non-traditional child care such as crisis child care, evening child care, and emergency placement child care for when parents/caregivers are called away for emergencies, work evenings, or are in crisis. Currently there are not any (0%) providers who provide this non-traditional care. Although partners agreed this is a county wide need it was not chosen as one of the top priorities. However some early child hood community partners agreed existing resources and service providers could address this on-going issue if additional resources could be secured. | No                           | <ul> <li>○ Other priorities rated higher</li> <li>○ Existing programs already address problem/need</li> <li>○ Lead organization does not exist</li> <li>○ Lack of human resources/ staff</li> <li>○ Other</li> <li>○ Other</li> </ul> <ul> <li>Lead organization does not exist</li> <li>○ Lack of financial resources willing to provide service in county</li> </ul> |
|   | Preparedness<br>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 Sheltering capacity for persons with disabilities requiring additional care or resources | When partners were analyzing community health assets and resources, it was determined that there is no designated or lead organization responsible in the county for providing emergency sheltering for persons with disabilities who would need additional help and services beyond the scope of a general needs shelter. Although this was identified as a need, it was not chosen as a ranked need and therefore was not voted on. It was brought to the attention of emergency preparedness partners at the table (law enforcement, public health, hospitals) as an issue to address during emergency preparedness planning efforts of the county.                 | No                           | Other priorities rated higher Community partners do not exist  Existing programs already address problem/need Lack of human resources/ staff  Other  |

#### **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<br>Community Priority | Rationale / Specific Need   | Is this priority in the HIP? | If the priority is not addresse  | d in the HIP, reason(s) why:   |
|---|---|------------------------------|--|--|
| 1 Transportation barriers                   | CHNA partners reviewed relevant data that affects our population's access to needed care and community resources which transportation barriers rose to the top. It was quickly noted the county does not have a public transportation system. There are two cab companies available however this resource is not always financially feasible for consumers or can be readily available in rural areas or for traveling out of city limits to needed resources. Some other means of transportation exists such as the SIEBUS as well as a hospital and some church van transports. These services are sometime not the easiest to use for our more vulnerable populations such as for families who have multiple children, those who have limited mobility or disabilities that require assistance, etc. According to the US Census Bureau data reviewed by partners, Lee County has a 14.7% population with some type of disability compared to the state average of 11.38%. Additional data revealed that 7.51% of Lee County households do not own an operating motor vehicle. Partners agreed transportation has been and remains a huge barrier for the population to adequately access care including medical, dental, mental health, healthy food access, support services, and possibly for traveling to and from the workplace. Results from the community-wide survey also identified transportation as concern as 20% of the respondents felt it had an impact on the health of our county. | Yes                          | Other priorities rated higher  Existing programs already address problem/need  Lack of human resources/ staff  Other | Community partners do not exist Lead organization does not exist Lack of financial resources |

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|   | Health Infrastructure   |   | Is this priority in the HIP? |   |
|---|---|---|------------------------------|---|
| 2 | Community Priority  Communication/Education and Motivation of Community members | CHNA partners chose this as a high priority as they determined that many of our population health need indicators reviewed resulted from our communities/individuals lack of education, knowledge or motivation to change health behaviors due to social norms, or various social determinants of health that create barriers for change. Although there is not a specific data set to justify this need, partners felt strongly and voted this as a top priority to address in the HIP. Activities will address strategies on how to educate, communicate, and motivate our members for change. This may involve advocating for environmental and policy change that affects population health and strategies for reaching vulnerable populations or those who are challenged with various social determinants of health that naturally create barriers for improving their health because of where and how they live.   | Yes                          | If the priority is not addressed in the HIP, reason(s) why:  Other priorities rated higher Community partners do not exist  Existing programs already address problem/need not exist  Lack of human resources/ Lack of financial resources staff  Other |
|   | Health Infrastructure<br>Community Priority                                     | Rationale / Specific Need   | Is this priority in the HIP? | If the priority is not addressed in the HIP, reason(s) why:   |
| 3 | Preventive Screenings   | Several data sets were reviewed by CHNA partners from CDC and BRFSS that demonstrated a need to increase preventive screenings of our population members. This included reviewing data on the percentage of our population that have received at least one cancer screening such as mammograms (62%), pap tests (74%), colonoscopies (50%) all of which were lower than the state average percentages. Other data reviewed also included the need to do further education and prevention in areas such as diabetes, high cholesterol, blood pressure, and depression. This was determined as the data showed we have 9% of our adult population with diabetes, 38% with high cholesterol, 28.5% with high blood pressure, and 15.5% of medicare population with depression. Although these data sets were of concern, partners felt addressing the need for additional outreach and education on preventive screenings and "knowing our numbers" could be addressed in both our healthy lifestyles priority and communication/motivation priority that will be a part of our HIP. | No                           | Other priorities rated higher not exist  Existing programs already address problem/need not exist  Lack of human resources/ Lack of financial resources staff  Other Will be part of other identified priorities.                                       |

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| 4 | Health Infrastructure Community Priority  Level of Education | Rationale / Specific Need  County Health Rankings data reviewed by our CHNA partners indicated that Lee County has a 84% graduation rate, and 59.7% have had some college. On our CHNA survey, 17% of the respondents felt that dropping out of school was one of the greatest impacts of our overall health in the county. This need was not selected as a top priority for the HIP however.  | Is this priority<br>in the HIP? | If the priority is not addressed  Other priorities rated higher  Existing programs already address problem/need  Lack of human resources/ staff  Other | d in the HIP, reason(s) why:  Community partners do not exist  Lead organization does not exist  Lack of financial resources |
|---|--|--|---------------------------------|--|--|
|   | Health Infrastructure<br>Community Priority                  | Rationale / Specific Need  | Is this priority in the HIP?    | If the priority is not addressed   | d in the HIP, reason(s) why:   |
| 5 | Poverty  | According to the data sets reviewed by CHNA partners, poverty was identified as a health need. For instance child poverty is at 23% according to the 2015 county health ranking report. According to the US Census Bureau data, the overall population below 200% federal poverty level is at 37.07% exceeding the state and US average. In addition, 40% of CHNA survey respondents indicated that living in poverty was one of the five greatest impacts that affect our overall health in Lee County. Although the data is alarming, it was not sure how involved partners could affect this need in the HIP without a lead organization, or evidenced-based strategy to address this issue. It was not elected as a top priority to include in the plan. | No                              | Other priorities rated higher  Existing programs already address problem/need  Lack of human resources/ staff  Other                                   | Community partners do not exist  Lead organization does not exist  Lack of financial resources                               |
|   | Health Infrastructure<br>Community Priority                  | Rationale / Specific Need  | Is this priority in the HIP?    | If the priority is not addressed   | d in the HIP, reason(s) why:   |
| 6 | Unemployment   | According the US Department of labor, Lee County unemployment remains at 6.6%. This data is not new to partners as Lee County has had the highest unemployment rates in Iowa for some time. Although this is a significant health need in the county, partners elected not to include this on the HIP as a priority health need to address. Economic development has been working on bringing in new employment opportunities to the area and we do have organizations that are offering training programs and partnerships with academics, technical schools, and industry.   | No                              | Other priorities rated higher  Existing programs already address problem/need  Lack of human resources/ staff  Other                                   | Community partners do not exist  Lead organization does not exist  Lack of financial resources                               |

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|   | Health Infrastructure<br>Community Priority                 | Rationale / Specific Need   | Is this priority in the HIP? | If the priority is not addressed in the HIP, reason(s) why:  |
|---|---|---|------------------------------|--|
| 7 | Seniors Access to Healthy Foods/SNAP authorized Food Access | CHNA partners reviewed access to healthy foods as a health indicator. Lee County showed 83.65 authorized SNAP retailers per 100,000 population which was lower than the state at 86.89. Our population with low food access was 20.35% according to CHNA.org data reviewed. 42% of the CHNA community survey responses indicated our county population has poor eating habits, and 6% felt there were access issues to healthy foods impacting our overall health. Partner discussion regarding health priorities addressed concerns of our more vulnerable population such as our seniors having low access to healthy foods due to isolation and living in rural areas (food deserts) limiting access to grocery stores and/or, farmers markets that offer fresh fruits, vegetables and other produce. Many rural residents rely on convenience stores/gas stations for food access Although this was determined a health issue it will not be a priority by itself on the HIP but included as a strategy in the Healthy Lifestyles priority. | No                           | Other priorities rated higher Community partners do not exist  Existing programs already address problem/need not exist  Lack of human resources/ Lack of financial resources staff  Other Will become part of the healthy lifestyles priority strategies to address healthy food access issues. |

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# Lee County December 4, 2015 Community Health Needs Assessment SNAPSHOT



#### **Promote Healthy Living**

Priority #1 Healthy Lifestyles/Healthy Behaviors

Priority #2 Mental Health/Behavioral Health issues and access

Priority #3 Alcohol/Drugs Abuse

Priority #4 Teen Pregnancy/Births

Priority #5 Access to Oral Health



#### **Prevent Injuries & Violence**

Priority #1 Violent Crime

Priority #2 Child Abuse and Neglect

Priority #3 Unintentional injury (accidents, falls, motor)



#### **Protect Against Environmental Hazards**

Priority #1 Lead poisoning/other



#### **Prevent Epidemics & the Spread of Disease**

Priority #1 HIV Screenings/STDS/Communicable Disease/Immunizations



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

Priority #1 Child care availability for crisis and emergencies/non traditional hours

Priority #2 Emergency Sheltering capacity for persons with disabilities requiring additional care or resources



## **Strengthen the Health Infrastructure**

Priority #1 Transportation barriers

Priority #2 Communication/Education and Motivation of Community members

Priority #3 Preventive Screenings

Priority #4 Level of Education

Priority #5 Poverty

Priority #6 Unemployment

Priority #7 Seniors Access to Healthy Foods/SNAP authorized Food Access

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