

# Delaware County

## Community Health Needs Assessment (CHNA) Report

---



For additional information about this report, CONTACT:

| Name         | Organization                  | Phone        | Email                  |
|--------------|-------------------------------|--------------|------------------------|
| Delma Hardin | Delaware County Public Health | 563-927-7353 | dhardin2@regmedctr.org |

**Date Revised: February 15, 2016**

# Delaware 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 Obesity/ overweight of adults.  | According to the 2015 County Health Ranking report, 37% of adults age 20 and older have a BMI greater than 30.0 as compared to Iowa at 30%. 98.8% of respondents to the Delaware County Community Health Needs Assessment survey identified Promote Healthy Living as either very important or important and obesity as the top priority. | Yes                          | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other | <input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><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 Underage alcohol use.           | According to the 2014 Iowa Youth Survey 27% of 11th grade youth in Delaware county report 30 day alcohol use and 16% report 30 day binge drinking. 98.8% of respondents to the Delaware County Community Health Needs Assessment survey identified Promote Healthy Living as either very important or important and alcohol and other drugs as the second priority in the focus area. | Yes                          | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other | <input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><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 Adult binge drinking.           | According to the 2015 Community Commons report the percentage of adults aged 18 and older who self-report heavy alcohol consumption in Delaware County is 22.8% as compared to Iowa at 21.4% and the US at 16.9%. The 2015 County Health Ranking reports that 24% of driving deaths from 2009-2013 had alcohol involvement. 98.8% of respondents to the Delaware County Community Health Needs Assessment survey identified Promote Healthy Living as either very important or important and alcohol and other drugs as the second priority in the focus | Yes                          | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other | <input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><input type="checkbox"/> Lack of financial resources |

area.

| 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 Increase mental health provider access for all ages. | According to the 2015 Community Commons report 100% of Delaware County residents live in a health professional shortage area. A "Health Professional Shortage Area" is defined as having a shortage of primary medical care, dental or mental health professionals. The 2015 County health ranking reports a mental health provider rate in Delaware County of 1,096:1 compared to Iowa's rate of 904:1. 98.8% of respondents to the Delaware County Community Health Needs Assessment survey identified Promote Healthy Living as either very important or important and mental health as one of the top priorities additionally access was identified in Strengthen the Health Infrastructure. | No                           | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input checked="" type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><input checked="" 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:   |
|---|---|------------------------------|---|
| 5 Adults 18 and older tobacco use- currently smoking. | According to the 2015 Community Commons report 22% of adults 18 and older currently smoke cigarettes as compared to Iowa at 18.1%. The 2015 County Health Ranking reports Delaware County adult smokers who smoke every day or most days is 20% | Yes                          | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><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:  |
|--|--|------------------------------|--|
| 6 Increase recreational/physical activity access for all ages and income levels. | According to the 2015 County Health Ranking report 32% of adults age 20 and older self-report no leisure-time physical activity as compared to Iowa at 20%, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?". | No                           | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input checked="" type="checkbox"/> Lack of human resources/ staff<br><input checked="" type="checkbox"/> Other CHNA Survey results shared with Parks and Recreation manager.<br><input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><input checked="" type="checkbox"/> Lack of financial resources |

| 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:   |
|---|---|---------------------------------|---|
| 7 Colon Cancer screening for adults 50 and older. | According to the 2015 Community Commons report the percentage of adults 50 and older in Delaware County who self-report that they have ever had a sigmoidoscopy or colonoscopy is 52.6% as compared to Iowa at 60%. Need identified in Regional Medical Centers strategic planning sub-committee. | Yes                             | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><input type="checkbox"/> Lack of financial resources |

| 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:  |
|--------------------------------------|---|---------------------------------|--|
| 8 Cardiovascular disease in adults.  | According to the 2013 county health indicators, diseases of the heart is the number 1 cause of death in Delaware county adults 19 and older. The community commons report indicates an age adjusted stroke mortality rate of 44.5/100,000 which is greater than the Healthy People 2020 target of 33.8 Additionally, obesity, tobacco use and lack of physical activity are contributing factors to cardiovascular disease. | No                              | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input type="checkbox"/> Lack of human resources/ staff<br><input checked="" type="checkbox"/> Other <u>Some contributing health factors addressed in other community priorities.</u><br><input type="checkbox"/> Community partners do not exist<br><input checked="" type="checkbox"/> Lead organization does not exist<br><input type="checkbox"/> Lack of financial resources |

# Delaware 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 Suicide rate.                        | According to the Iowa Public Health 2010-2014 county snapshot Delaware County has a suicide death rate (age adjusted per 100,000) of 12.41 with the state of Iowa at 13.2. According to the 2014 Iowa Youth Survey 22% of 11th graders felt worthless at some time in the past 30 days, 7% felt worthless most of the time and 5% all of the time. Additionally, 13% of 11th graders and 11% of 8th graders answered the question yes, when asked if in the last 30 days they had seriously considered killing themselves. The 2015 County health ranking reports a mental health provider rate in Delaware County of 1,096:1 compared to Iowa's rate of 904:1 and identifies Delaware County as a "health professional shortage area." | No                           | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input checked="" type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Community partners do not exist<br><input checked="" type="checkbox"/> Lead organization does not exist<br><input checked="" 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 Motor Vehicle accident death rate.   | According to the Iowa Public Health 2010-2014 county snapshot Delaware County has a motor vehicle accident death rate ( age adjusted per 100,000) of 16.5 as compared to Iowa at 11.73. The 2015 County Health Ranking reports that 24% of driving deaths from 2009-2013 had alcohol involvement. | No                           | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input checked="" type="checkbox"/> Lack of human resources/ staff<br><input checked="" type="checkbox"/> Other <u>Youth alcohol use and adult binge drinking addressed in promote health living.</u><br><input type="checkbox"/> Community partners do not exist<br><input checked="" type="checkbox"/> Lead organization does not exist<br><input checked="" type="checkbox"/> Lack of financial resources |

# Delaware County

## 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<br>in the HIP? | If the priority is not addressed in the HIP, reason(s) why:   |
|---|--|---------------------------------|---|
| 1 Rental property upkeep and landlord accountability. | The 2015 Community health status indicator report, defines 21% of Delaware County housing as stressed. A house is defined as stressed if one or more of the following criteria is met: 1) housing unit lacked complete plumbing; 2) housing unit lacked complete kitchens; 3) household is overcrowded; and 4) household is cost burdened.(data years 2007-2011)The 2015 community commons report indicates the HUD housing rate in Delaware County is 353.76/10,000 housing units with an Iowa rate of 1,268.94/ 10,000. 25.56% or 4,447 individuals in Delaware County are living in households with income below 200% of the Federal Poverty Level. | No                              | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input checked="" type="checkbox"/> Lack of human resources/ staff<br><input checked="" type="checkbox"/> Other     Housing committee in Manchester established July 2015. <input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><input type="checkbox"/> Lack of financial resources |

| Environmental Hazards<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:   |
|---|---|---------------------------------|---|
| 2 Drinking water safety.                    | According to the 2015 County Health rankings 2% of Delaware County residents served by community water systems were potentially exposed to water exceeding a violation limit during the past year; as compared to Iowa at 7%. During 2015 330 rural water tests (duplicated) were performed in Delaware County with 3%high in e-coli , 27% high in total coliform and 11% high in nitrates. | No                              | <input type="checkbox"/> Other priorities rated higher<br><input checked="" type="checkbox"/> Existing programs already address problem/need<br><input type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other <input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><input type="checkbox"/> Lack of financial resources |

# Delaware 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<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:  |
|---|--|---------------------------------|--|
| 1 Child (19-35 months old) immunization rate.       | According to the 2014 Iowa Immunization Program Annual report the 4-3-1-3-3-1-4 immunization rate of 2 yr olds in Delaware County is 82%. 96.9% of respondents to the Delaware County Community Health Needs Assessment survey identified Prevent Epidemics and the Spread of Disease as either very important or important and child immunizations as the top priority. | Yes                             | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><input type="checkbox"/> Lack of financial resources |

| Epidemics & Spread of Disease<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:  |
|---|--|---------------------------------|--|
| 2 Adolescent (13-15) immunization rate.             | According to the 2014 Iowa Immunization Program Annual report the 3-1-2-1-2 immunization rate of adolescents is 66%, the HPV female rate is 40% and the HPV male rate is 30% in Delaware County. | Yes                             | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><input type="checkbox"/> Lack of financial resources |

| Epidemics & Spread of Disease<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:  |
|---|--|---------------------------------|--|
| 3 Adult Immunization rate                           | According to the 2015 Community Commons report the pneumonia vaccine rate of adults 65 and older in Delaware County is 57.2 % as compared to Iowa at 69.9%. Per the County health indicator report, in 2013 respiratory infections ranked #2 in hospitalization for adults 65+ in Delaware County. | Yes                             | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><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 Community education and communication of emergency planning and response. | 92.9% of respondents to the Delaware County Community Health Needs Assessment survey identified Prepare for, Respond to and Recover from Public health Emergencies as either very important or important. | No                           | <input type="checkbox"/> Other priorities rated higher<br><input checked="" type="checkbox"/> Existing programs already address problem/need<br><input type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><input type="checkbox"/> Lack of financial resources |

# Delaware 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 Decreased Mental Health provider access. | According to the 2015 Community Commons report 100% of Delaware County residents live in a health professional shortage area. A "Health Professional Shortage Area" is defined as having a shortage of primary medical care, dental or mental health professionals. The 2015 County health ranking reports a mental health provider rate in Delaware County of 1,096:1 compared to Iowa's rate of 904:1. | No                           | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input checked="" type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other | <input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><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 Transportation to health care services and activities of daily living. | Rural community with limited public transportation. No cab services and Regional Transit Authority (RTA) limited by route and schedule. Medicaid transportation assistance cumbersome with prior approval and plan ahead scheduling requirements. | No                           | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input type="checkbox"/> Lack of human resources/ staff<br><input checked="" type="checkbox"/> Other | <input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><input type="checkbox"/> Lack of financial resources<br>East Central Region Mental Health and Disability Services are taking lead and collaborating with local partners, including Public Health, Regional Medical Center, and local government, in addressing transportation needs. Increased RTA services and pilot programs are being explored. |

| Health Infrastructure<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:   |  |
|---|---|---------------------------------|---|--|
| 3 Dental care access for T-19 recipients.   | According to the 2015 Community Commons report 100% of Delaware County residents live in a health professional shortage area. A "Health Professional Shortage Area" is defined as having a shortage of primary medical care, dental or mental health professionals. The 2015 County health ranking reports a dentist rate in Delaware County of 1,948:1 as compared to Iowa's rate of 1,670:1.95.5 % of respondents to the Delaware County Community Health Needs Assessment survey identified Strengthen the Health Infrastructure as either very important or important and Insurance/T-19 dental access as a priority. | No                              | <input type="checkbox"/> Other priorities rated higher<br><input type="checkbox"/> Existing programs already address problem/need<br><input checked="" type="checkbox"/> Lack of human resources/ staff<br><input type="checkbox"/> Other _____ | <input type="checkbox"/> Community partners do not exist<br><input type="checkbox"/> Lead organization does not exist<br><input checked="" type="checkbox"/> Lack of financial resources |

# Delaware County

## FEBRUARY 15, 2016

### COMMUNITY HEALTH NEEDS ASSESSMENT SNAPSHOT



#### Promote Healthy Living

- Priority #1 Obesity/ overweight of adults.
- Priority #2 Underage alcohol use.
- Priority #3 Adult binge drinking.
- Priority #4 Increase mental health provider access for all ages.
- Priority #5 Adults 18 and older tobacco use- currently smoking.
- Priority #6 Increase recreational/physical activity access for all ages and income levels.
- Priority #7 Colon Cancer screening for adults 50 and older.
- Priority #8 Cardiovascular disease in adults.



#### Prevent Injuries & Violence

- Priority #1 Suicide rate.
- Priority #2 Motor Vehicle accident death rate.



#### Protect Against Environmental Hazards

- Priority #1 Rental property upkeep and landlord accountability.
- Priority #2 Drinking water safety.



#### Prevent Epidemics & the Spread of Disease

- Priority #1 Child (19-35 months old) immunization rate.
- Priority #2 Adolescent (13-15) immunization rate.
- Priority #3 Adult Immunization rate



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

- Priority #1 Community education and communication of emergency planning and response.



#### Strengthen the Health Infrastructure

- Priority #1 Decreased Mental Health provider access.
- Priority #2 Transportation to health care services and activities of daily living.
- Priority #3 Dental care access for T-19 recipients.