ISSUE BRIEF: ACCESS TO HEALTH CARE
Crawford County

Access to primary care providers and medical insurance

Improve opportunity for screenings and preventive services

Prevent health problems
Find problems in early stages
Manage through course of disease

Health Professions Shortage Areas
Crawford County has a shortage in primary care, behavioral health, and dental health providers.

<table>
<thead>
<tr>
<th>Health Insurance</th>
<th>10.4% of the adult population under age 65 in Crawford County is uninsured.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>District Health Department #10 Behavioral Risk Factor Survey, 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Primary Care Providers</th>
<th>18.9% of the adult population in Crawford County does not have a primary care provider.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary care physicians</td>
<td>1,070:1</td>
</tr>
<tr>
<td>Dentists</td>
<td>3,440:1</td>
</tr>
<tr>
<td>Mental health providers</td>
<td>920:1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dental Health Care</th>
<th>27.6% of adults in Crawford County reported no dental visit in the past year.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crawford County</td>
<td>Michigan</td>
</tr>
<tr>
<td>1,070:1</td>
<td>1,240:1</td>
</tr>
<tr>
<td>3,440:1</td>
<td>1,450:1</td>
</tr>
<tr>
<td>920:1</td>
<td>450:1</td>
</tr>
</tbody>
</table>

County Health Rankings, 2016

Regular and reliable access to health services can prevent disease and disability, detect and treat illnesses or other health conditions, reduce medical costs, increase quality of life, reduce the likelihood of premature death, and increase life expectancy.
Access to health care, including primary care, specialty care, behavioral health services, and dental care was the #1 response of the community members when identifying the most important factors needed for a healthy community.

When asked about the three most important problems in your community, access to care was ranked 5th.

What are the problems adults, older adults, and children in your family have in getting health care services?

<table>
<thead>
<tr>
<th>Adults</th>
<th>Older Adults</th>
<th>Children</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Insurance has high deductibles/copays</td>
<td>• Insurance coverage is limited</td>
<td>• Insurance has high deductibles/copays</td>
</tr>
<tr>
<td>• Can’t afford visits to doctor, clinic,</td>
<td>• Insurance has high deductible/copays</td>
<td>• Insurance does not cover dental</td>
</tr>
<tr>
<td>hospital</td>
<td>• Insurance coverage is limited</td>
<td></td>
</tr>
<tr>
<td>• Health insurance coverage is limited</td>
<td></td>
<td>• Health Insurance coverage is</td>
</tr>
<tr>
<td></td>
<td></td>
<td>limited</td>
</tr>
</tbody>
</table>

Community Conversation

“What can we do in Crawford County to move closer to our vision of a healthy community?”

26 community members and representatives from the local health department, hospital and other healthcare providers, social service agencies, schools, business, and government participated in a Community Conversation. The following focus areas and strategies regarding access to care were identified:

- Increase behavioral health awareness and services
- Link systems for lifespan care and support
  - Develop networks for continuum of care/support
  - Pre-birth to post-grave care

Community Resources

- Insurance enrollment assistance is provided by Munson Grayling Hospital in collaboration with the District Health Departments and the AuSable Free Clinic.
- Grayling Hospital opened a walk-in clinic in October 2015.
- DHD#10 in collaboration with Crawford AuSable Schools opened an Adolescent Wellness Clinic
- Grayling Hospital continues recruitment of Primary Care, Pediatric, Behavioral Health and Internal Medicine providers.
- The AuSable Free Clinic provides access to outpatient health care by professional and other volunteer staff to individuals who have no medical insurance and cannot afford private medical care.

For more information, visit our website at [www.dhd10.org](http://www.dhd10.org) or contact Donna Norkoli at dnorkoli@dhd10.org
ISSUE BRIEF: CHRONIC DISEASE
Crawford County

Contributing Factors
- Tobacco use
- Lack of physical activity
- Unhealthy diet and obesity
- High blood pressure
- High cholesterol
- Lack of screening and regular medical care

Chronic Disease
- Heart disease
- Stroke
- Cancer
- Diabetes

Outcome
- Early death
- Serious illness
- Long term disability
- Decreased quality of life
- Economic loss

7 of the top 10 causes of death are chronic disease related.
About half the adults in the US have one or more chronic conditions.
Risk of chronic disease can be prevented or reduced through lifestyle changes.

Behavioral Risk Factor Survey Results - 2015

<table>
<thead>
<tr>
<th>Condition</th>
<th>Crawford</th>
<th>DHD#10</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Blood Pressure</td>
<td>31.4%</td>
<td>33.4%</td>
</tr>
<tr>
<td>Arthritis</td>
<td>33.7%</td>
<td>31.3%</td>
</tr>
<tr>
<td>High Cholesterol</td>
<td>34.7%</td>
<td>32.2%</td>
</tr>
<tr>
<td>Lifetime Asthma</td>
<td>24.6%</td>
<td>16.0%</td>
</tr>
<tr>
<td>Current Asthma</td>
<td>14.3%</td>
<td>11.0%</td>
</tr>
<tr>
<td>Any Cardiovascular Disease</td>
<td>11.4%</td>
<td>10.2%</td>
</tr>
<tr>
<td>Diabetes</td>
<td>7.8%</td>
<td>10.2%</td>
</tr>
<tr>
<td>Heart Attack</td>
<td>6.2%</td>
<td>5.2%</td>
</tr>
<tr>
<td>Angina</td>
<td>4.9%</td>
<td>5.2%</td>
</tr>
<tr>
<td>COPD</td>
<td>11.9%</td>
<td>9.0%</td>
</tr>
<tr>
<td>Cancer, Non-Skin</td>
<td>8.6%</td>
<td>6.9%</td>
</tr>
<tr>
<td>Skin Cancer</td>
<td>3.7%</td>
<td>4.9%</td>
</tr>
<tr>
<td>Stroke</td>
<td>4.0%</td>
<td>3.0%</td>
</tr>
<tr>
<td>Tobacco Use</td>
<td>40.7%</td>
<td>29.1%</td>
</tr>
</tbody>
</table>
**“What Matters to You?” Community Survey Results**  
(n=362)

<table>
<thead>
<tr>
<th>What do you think are the top factors that define a healthy community, related to chronic disease?</th>
<th>What do you think are the top health problems in Crawford County, related to chronic disease?</th>
</tr>
</thead>
<tbody>
<tr>
<td>71.1% Access to health care</td>
<td>36.0% Overweight and obesity</td>
</tr>
<tr>
<td>41.9% Access to affordable healthy foods</td>
<td>30.5% Chronic diseases: heart disease, cancer, diabetes, COPD, stroke</td>
</tr>
<tr>
<td>15.0% Healthy lifestyles</td>
<td>24.0% Lack of access to health care</td>
</tr>
<tr>
<td>14.7% Parks and recreation; access to physical activity</td>
<td>21.0% Lack of physical activity</td>
</tr>
<tr>
<td></td>
<td>19.3% Lack of access to affordable, healthy food</td>
</tr>
</tbody>
</table>

**Community Conversation**

“What can we do in Crawford County to move closer to our vision of a healthy community?”

Responses related to chronic disease

- Create community hub for recreation and resources
- Create a wellness culture in the community
- Link systems for lifespan care and support
- Increase year round access and consumption of healthy foods
- Increase accessibility for year round physical activity

**Community Resources**

**Northern Michigan Diabetes Initiative:** The Northern Michigan Diabetes Initiative is a regional collaboration dedicated to prevention, early detection, and management of diabetes. The goal is a reduction in the prevalence of diabetes and improvement in the care of people with diabetes. This will be accomplished by engaging and providing local, regional, and national resources to develop and implement an improvement plan for the prevention and management of diabetes.

**MiPCT:** The Michigan Primary Care Transformation Project (MiPCT) is a pilot program to demonstrate the value of a Patient Centered Medical Home model of care. Michigan was chosen as one of eight states to receive funding from the Center of Medicare and Medicaid services from Jan 2011-Dec 2014. The funding allows local doctors to utilize care coordinators to help manage complex patients. This project has been successful in reducing unnecessary ER visits and hospitalizations by helping patients to manage their care.

**Northwest Michigan Chronic Disease Prevention Coalition:** The Tencon Health plan is funding District Health Department #10 to implement a comprehensive approach to chronic disease prevention and treatment guided by a cross-sector coalition with representatives from across 21 counties of Northwest Michigan.

For more information, visit our website at [www.dhd10.org](http://www.dhd10.org) or contact Donna Norkoli at dnorkoli@dhd10.org
Health disparities are differences in health outcomes across subgroups of the population. They are often related to determinants of health: social, economic, or environmental disadvantages.
Community Conversation
“What can we do in Crawford County to move closer to our vision of a healthy community?” Responses related to health disparities

- Create community hub recreation and resources
  - Accessible community activity center, e.g. Family Y
  - Sports Center; community center; pool
  - Increase community based youth programs
  - One-stop shop for community opportunities, personal wellness
  - Increased available day care with expanded hours
  - Organized physical family activities and after school activities

- Increase access to economic self-sufficiency
  - Use loans/grants for housing accessibility and renovation
  - Community micro loans
  - Free financial education workshops
  - Increase available, safe, affordable, supported housing
  - Increase employment opportunities to increase self-sufficiency
  - Affordable transportation; expanded hours
  - Homeless shelter

- Increase behavioral health awareness and services
  - Greater availability of mental health services and utilization
  - Substance abuse education
  - Reduction in violence in the community
  - Smoke free playgrounds and zones

- Link systems for lifespan care and support
  - Develop networks for continuum of care/support
  - Fostering generational relationships
  - Better communication of offerings
  - Pre-birth to post-grave care

- Increase year round access and consumption of healthy foods
- Increase accessibility for year round physical activity

Community Resources

Local Food Pantries

Government Subsidized Food Programs

Continuum of Care – NEMSCA Housing

County housing authorities

AuSable Free Clinic

Love, Inc.

Councils on Aging

<table>
<thead>
<tr>
<th>What Matters to You? Community Survey (n=362)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>What are the three most important community health problems in the county you live in?</td>
<td>What are the most important factors needed for a healthy community?</td>
</tr>
<tr>
<td>45.8% Substance abuse</td>
<td>71.1% Access to health care</td>
</tr>
<tr>
<td>36.0% Overweight and obesity</td>
<td>50.0% Good jobs and healthy economy</td>
</tr>
<tr>
<td>30.5% Chronic disease</td>
<td>41.9% Access to affordable healthy foods</td>
</tr>
<tr>
<td>25.1% Aging problems</td>
<td>29.7% Good schools/high value on education</td>
</tr>
<tr>
<td>24.0% Lack of access to primary, specialty, behavioral health, or dental care</td>
<td>21.1% Affordable housing</td>
</tr>
</tbody>
</table>

For more information, visit our website at [www.dhd10.org](http://www.dhd10.org) or contact Donna Norkoli at dnorkoli@dhd10.org
An unhealthy lifestyle leads to heart disease, high blood pressure, diabetes, several types of cancer, obesity, complications during pregnancy, and early death.

<table>
<thead>
<tr>
<th>Behavior</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>No leisure time physical activity</td>
<td>27.1%</td>
</tr>
<tr>
<td>Inadequate fruit and vegetable consumption (&lt;5 times/day)</td>
<td>85.7%</td>
</tr>
<tr>
<td>Sometimes/often don’t have enough to eat</td>
<td>11.0%</td>
</tr>
</tbody>
</table>

2015 DHD#10 Behavioral Risk Factor Survey Results
Related to healthy lifestyle, these are the most important factors identified for a healthy community:

- Access to affordable, healthy foods (41.9%)
- Healthy lifestyles (15%)
- Parks and recreation/ access to physical activity (14.7%)

The most important health problems identified in the community, related to healthy lifestyle:

- Overweight and obesity (36.0%)
- Lack of physical activity (21%)
- Lack of access to affordable, healthy foods (19.3%)

**Community Conversation**

“What can we do in Crawford County to move closer to our vision of a healthy community?”

Focus areas related to healthy lifestyle

- Create community hub recreation and resources
  - Accessible community activity center
  - Sports Center
  - Community Center, all ages, pool
  - Increase community based youth programs
  - One-stop-shop for community opportunities, personal wellness
  - After school activities
  - Organized physical family activities

- Create a wellness culture in the community
  - Healthy expo/fair
  - Health screenings free
  - Employer sponsored health programs
  - Establish health mentality
  - Community classes, life skills
  - Community challenge

- Increase year round access and consumption of healthy foods
  - Year round farmers market
  - Larger farmers (and meat) market
  - Improve access to healthy foods
  - Free healthy cooking classes

- Increase accessibility for year round physical activity
  - Year round walking/biking paths
  - Keep sidewalks clear for walking and biking

**Community Resources**

- Crawford County Health Committee
- Michigan State University Extension
- Crawford County Recreation Authority
- Prescription for Health
- District Health Department #10
- DHD#10 Worksite Wellness Programs
- SNAP-Ed
- Farmers Markets
- COA and Senior Centers
- Healthy Hospitals Initiative
- Local TV and Radio Stations
- Schools
- National Diabetes Prevention Program
- City, County, and State Parks
- Local Bike Paths

For more information, visit our website at [www.dhd10.org](http://www.dhd10.org) or contact Donna Norkoli at dnorkoli@dhd10.org
Despite major advances in medical care, critical threats to maternal, infant, and child health still exist.

Factors that have been linked to maternal, infant, and child health outcomes include race and ethnicity, age, income level, educational attainment, medical insurance coverage, access to medical care, pre-pregnancy health, and general health status.

<table>
<thead>
<tr>
<th></th>
<th>Crawford</th>
<th>Michigan</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Infant mortality</strong>: Five year death rates per 1,000 live births</td>
<td>Too small to calculate</td>
<td>6.9</td>
<td>Michigan Department of Health and Human Services, 2012-2014</td>
</tr>
<tr>
<td><strong>Births with adequate prenatal care</strong></td>
<td>81.5%</td>
<td>67.5%</td>
<td>Michigan Department of Health and Human Services, 2012-2014</td>
</tr>
<tr>
<td><strong>Preterm births</strong>: Infants born prior to 37 completed weeks of gestation</td>
<td>12.5%</td>
<td>12.3%</td>
<td>Michigan Department of Health and Human Services, 2014</td>
</tr>
<tr>
<td><strong>Maternal smoking</strong>: Women who smoked while pregnant</td>
<td>41.7%</td>
<td>18.3%</td>
<td>Michigan Department of Health and Human Services, 2014</td>
</tr>
<tr>
<td><strong>Teen Pregnancy</strong>: Rate per 1,000</td>
<td>33.4</td>
<td>38.3</td>
<td>Michigan Department of Health and Human Services, 2012-2014</td>
</tr>
<tr>
<td><strong>Childhood immunization</strong>: Percent of children age 19-35 months who have received recommended immunizations (4 DtaP, 3 Polio, 1 MMR, 3 Hib, 3 HepB, 1 Varicella, 4 PCV)</td>
<td>71.1%</td>
<td>74.0%</td>
<td>Michigan Care Improvement Registry, December 2015</td>
</tr>
<tr>
<td><strong>Child abuse and neglect</strong>: Rates for confirmed child abuse and neglect, per 1,000 children under age 18</td>
<td>33.4</td>
<td>14.7</td>
<td>Michigan League for Public Policy, 2014</td>
</tr>
</tbody>
</table>
### Community Resources

<table>
<thead>
<tr>
<th>Grayling OB Care Coordinators</th>
<th>Children’s Assessment Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>Childbirth education</td>
<td>Outreach Program through Catholic Human Services</td>
</tr>
<tr>
<td>Breastfeeding education and support</td>
<td>Community Based Immunization Project</td>
</tr>
<tr>
<td>Maternal Smoking Coalition and Michigan Quitline</td>
<td>Baby and Toddler Closet</td>
</tr>
<tr>
<td>21 County Perinatal Initiative</td>
<td>Sustaining Community-Based Immunization Project</td>
</tr>
<tr>
<td>Home Visiting Program</td>
<td>Sleep Sack Program</td>
</tr>
</tbody>
</table>

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**“What Matters to You?” Community Survey Results**
(n=362)

<table>
<thead>
<tr>
<th>Most important factors for a healthy community:</th>
<th>Most important health problems in your community:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low levels of child abuse 6.9%</td>
<td>Unsafe home environment (child abuse and neglect and domestic violence) 13.4%</td>
</tr>
</tbody>
</table>

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**Community Conversation**

“What can we do in Crawford County to move closer to our vision of a healthy community?”

Responses related to maternal, infant and child health

- Create community hub for recreation and resources
  - Community center for all ages
  - Increase community based youth programs
  - Increased available day care with expanded hours
  - Organized physical family activities
  - After school activities

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For more information, visit our website at [www.dhd10.org](http://www.dhd10.org) or contact Donna Norkoli at dnorkoli@dhd10.org
### Mental Illness

Mental illnesses can affect persons of any age, race, religion, or income. Mental illnesses are not the result of personal weakness, lack of character or poor upbringing. Mental illnesses are treatable. Most people diagnosed with a serious mental illness can experience relief from their symptoms by actively participating in an individual treatment plan.

### Impact on Health

Mental illnesses are strongly associated with the risk, occurrence, management, progression, and outcome of serious chronic diseases and conditions.

Diseases and conditions impacted include diabetes, hypertension, stroke, heart disease, and cancer.

### Treatment

#### Without treatment:
- Unnecessary disability
- Substance abuse
- Homelessness
- Inappropriate incarceration
- Suicide and wasted lives

#### With treatment:
- Significant reduction of symptoms
- Decrease negative health and social impact
- Increase independence and achievement
- Live longer, healthier lives

<table>
<thead>
<tr>
<th></th>
<th>Crawford County</th>
<th>DHD #10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poor mental health days (14+ in past 30 days)</td>
<td>18.2%</td>
<td>12.1%</td>
</tr>
<tr>
<td>Inadequate social support</td>
<td>10.8%</td>
<td>6.9%</td>
</tr>
<tr>
<td>Very dissatisfied/dissatisfied with life</td>
<td>9.7%</td>
<td>6.0%</td>
</tr>
<tr>
<td>Severe psychological distress</td>
<td>9.2%</td>
<td>3.5%</td>
</tr>
<tr>
<td>Getting treatment/medication for mental health condition or emotional problem</td>
<td>12.2%</td>
<td>13.9%</td>
</tr>
</tbody>
</table>

**Crawford County**

District Health Department #10 Behavioral Factor Survey, 2015

**Fatal injuries: suicide, 2013**

<table>
<thead>
<tr>
<th></th>
<th>Crawford County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age adjusted per 100,000 (Michigan, 12.9/ 100,000)</td>
<td>2</td>
</tr>
</tbody>
</table>

Too small to calculate

**Michigan Department of Health and Human Services, 2009-2013**

**Ratio of mental health providers**

<table>
<thead>
<tr>
<th></th>
<th>Crawford County</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Michigan, 450:1)</td>
<td>920:1</td>
</tr>
</tbody>
</table>

County Health Rankings, 2016
The best treatments for serious mental illnesses today are highly effective. Most individuals have significant reduction of symptoms and improved quality of life with a combination of pharmacological and psychosocial treatments and supports.

“What Matters to You?” Community Survey Results
(n=362)

When asked about the top three health problems in Crawford County, 19.3% indicated mental health issues.

When asked about the problems adults, older adults, and children in the family are having in getting health care services, responses included
- Finding a behavioral health provider
- Health insurance does not cover behavioral health services

Community Conversations
“What can we do in Crawford County to move closer to our vision of a healthy community?”

Responses related to mental health include:
- Increase behavioral health awareness and services
- Greater availability of mental health services and utilization

Community Resources
- Northern Lakes Community Mental Health
- Catholic Human Services
- Adolescent Health Clinic
- Grace Center
- Behavioral Health and MC3 Program at Munson Healthcare
- Grayling Physician Network

For more information, visit our website at www.dhd10.org or contact Donna Norkoli at dnorkoli@dhd10.org
## Substance Abuse

### Types of Substance Abuse
- Binge drinking
- Excessive drinking
- Underage drinking
- Drinking while pregnant
- Inappropriate use of prescription and over-the-counter drugs
- Any use of illicit drugs

### Effect on Social Conditions
- Family disruptions
- Financial problems
- Lost productivity
- Failure in school
- Domestic violence
- Child abuse
- Crime

### Negative Health Outcomes
- Cardiovascular conditions
- Pregnancy complications
- HIV/AIDS/STIs
- Domestic violence
- Child abuse and neglect
- Motor vehicle crashes
- Homicide/Suicide

### Crawford County vs. DHD#10

<table>
<thead>
<tr>
<th></th>
<th>Crawford County</th>
<th>DHD#10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy drinking, adults</td>
<td>14.9%</td>
<td>7.7%</td>
</tr>
<tr>
<td>Binge drinking, adults</td>
<td>23.4%</td>
<td>16.0%</td>
</tr>
</tbody>
</table>

*District Health Department #10 Behavioral Factor Survey, 2015*

<table>
<thead>
<tr>
<th></th>
<th>Crawford County</th>
<th>Michigan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol impaired driving deaths</td>
<td>36%</td>
<td>30%</td>
</tr>
<tr>
<td>Drug overdose deaths</td>
<td>Unreliable or missing data</td>
<td></td>
</tr>
</tbody>
</table>

*County Health Rankings, 2016*

Excessive alcohol use is a leading cause of preventable death. Prescription drug abuse is the nation’s fastest growing drug problem. Marijuana use and prescription drug abuse among youth is on the rise.
“What Matters to You?” Community Survey Results
(n=362)

- Substance abuse was ranked the #1 community health problem in Crawford County.
- 3.4% of survey respondents noted they had been diagnosed with alcoholism or other addiction.
- 11.1% had a family member who had been diagnosed with alcoholism or other addiction.

Community Conversation

“What can we do in Crawford County to move closer to our vision of a healthy community?”

Thirty-three community members and representatives from the local health department, hospital and other healthcare providers, social service agencies, schools, business, and government participated in Community Conversations. Areas they identified that related to substance abuse included:

- Create a wellness culture in the community
- Increase behavioral health awareness and services
- Substance abuse education

Community Resources

- Northern Lakes Community Mental Health
- Northern Michigan Substance Abuse Services, Inc. Recovery Center
- Northern Michigan Regional Entity
- Grace Center
- Munson Healthcare Grayling Behavioral Health
- Prescription Drug Take Back Programs
- Catholic Human Services

For more information, visit our website at www.dhd10.org or contact Donna Norkoli at dnorkoli@dhd10.org
Tobacco use is the single most preventable cause of disease, disability, and death in the US, yet...

More deaths are caused by tobacco use that all deaths from HIV, illegal drug use, alcohol use, motor vehicle injuries, suicides, and murders, COMBINED.

The epidemic of smoking-caused disease ranks among the greatest public health catastrophes of the century, while...

the decline of smoking due to tobacco control is one of the greatest public health successes.

However, after 40 years of steadily declining smoking rates, the decline has stalled.

• Tobacco use poses a heavy burden on individuals, families, communities, the economy and the medical care system.
• Health risks beyond smoking cigarettes include risks from secondhand smoke, third hand smoke, smoking during pregnancy, E-cigarettes, and smokeless tobacco.
• Tobacco use is a major risk factor for the top two leading causes of death: heart disease and cancer.

<table>
<thead>
<tr>
<th></th>
<th>Crawford</th>
<th>DHD #10</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current smoker – adults</td>
<td>40.7%</td>
<td>29.1%</td>
<td>DHD#10 Behavioral Risk Factor Survey, 2015</td>
</tr>
<tr>
<td>Women who smoked while pregnant</td>
<td>41.7%</td>
<td></td>
<td>Michigan Department of Health and Human Services, 2014</td>
</tr>
<tr>
<td>(Michigan 18.3%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Any cardiovascular disease</td>
<td>11.4%</td>
<td>10.2%</td>
<td>DHD#10 Behavioral Risk Factor Survey, 2015</td>
</tr>
<tr>
<td>Current asthma</td>
<td>14.3%</td>
<td>11.0%</td>
<td>DHD#10 Behavioral Risk Factor Survey, 2015</td>
</tr>
<tr>
<td>Lifetime asthma</td>
<td>24.6%</td>
<td>16.0%</td>
<td>DHD#10 Behavioral Risk Factor Survey, 2015</td>
</tr>
<tr>
<td>COPD</td>
<td>11.9%</td>
<td>9.0%</td>
<td>DHD#10 Behavioral Risk Factor Survey, 2015</td>
</tr>
<tr>
<td>Lung Cancer incidence</td>
<td>80/100,000</td>
<td></td>
<td>Michigan Department of Health and Human Services, 2014</td>
</tr>
</tbody>
</table>
“What Matters to You?” Community Survey Results
(n=362)

<table>
<thead>
<tr>
<th>Community members identified health problems in Crawford County, with 15.6% identifying tobacco and e-cigarette use as an issue.</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.5% of respondents identified chronic disease, including heart disease, COPD, cancer and stroke, as a top community health problem.</td>
</tr>
</tbody>
</table>

Community Conversation

“What can we do in Crawford County to move closer to our vision of a healthy community?”

Responses related to tobacco use

- Smoke free playgrounds
- Smoke free zones

Community Resources

**Affordable Care Act (ACA):** The ACA includes tobacco cessation treatment as an essential service to be offered with all health insurance policies, substantially increasing access.

**Tobacco Prevention and Control Funding:** DHD#10 received funding from the Michigan Department of Health and Human Services to promote the Michigan Tobacco Quitline and provide training to healthcare providers regarding the 5 A’s of tobacco treatment.

**Michigan Cancer Consortium Funding:** DHD#10 received funding from the MCC to work with healthcare providers to increase referrals to tobacco cessation programs and has trained staff as Tobacco Treatment Specialists available for referrals.

**Northwest Michigan Chronic Disease Prevention Coalition:** Developed a Tobacco Treatment Community Clinical Linkages to increase referrals to tobacco use treatment services.

For more information, visit our website at [www.dhd10.org](http://www.dhd10.org) or contact Donna Norkoli at dnorkoli@dhd10.org