Clinton County Community Assessment
A summary of data from a comprehensive community survey
July 2012
# Table of Contents

Clinton County Community Assessment

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>2</td>
</tr>
<tr>
<td>Executive Summary</td>
<td>4</td>
</tr>
<tr>
<td>Community Snapshot</td>
<td>14</td>
</tr>
<tr>
<td>Demographics &amp; Statistics</td>
<td></td>
</tr>
<tr>
<td>Methodology</td>
<td>31</td>
</tr>
<tr>
<td>Results: Health Data</td>
<td>34</td>
</tr>
<tr>
<td>Results: Health Professionals</td>
<td>61</td>
</tr>
<tr>
<td>Data Sources</td>
<td>72</td>
</tr>
<tr>
<td>Appendix</td>
<td>74</td>
</tr>
<tr>
<td>Sample Marketing Flyer</td>
<td>75</td>
</tr>
<tr>
<td>Informal Health Survey</td>
<td>76</td>
</tr>
</tbody>
</table>

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Introduction

The Clinton County Health Collaborative was established in 2011 to cooperatively address issues impacting the lives of Clinton County residents. The Health Collaborative had extensive discussions about the health needs and service gaps in Clinton County. The Collaborative participants consisted of non-profit organizations, health organizations, government agencies, school representatives, parents, and interested citizens who assembled to identify and address needs in Clinton County.

The 2012 Clinton County Community Assessment Report provides an overview of a variety of factors that affect the health and well-being of Clinton County residents. This information will be used as a tool to evaluate issues and concerns as they relate to the areas of health, wellness, community needs and service gaps.

Objectives

The overall goal of the community assessment is to provide a report to the community that will inform leaders about current behaviors, practices, and issues, in an effort to improve the quality of life for Clinton County residents.

The objectives of this Community Assessment:

- Build partnerships to address the needs and service gaps in the community
- Develop a comprehensive survey tool, utilizing community input
- Assess the data and report the findings to the community

The final report was shared with the community in a public meeting on July 19, 2012.

The information contained in this report will enable organizations, businesses, local leaders, government agencies and residents, to better understand the population, needs and service gaps of the health care and social service programs in the county and to subsequently develop goals and plans of action to meet community needs.
Executive Summary: Clinton County Community Assessment

Introduction

During 2011-2012, a community health collaborative, consisting of health care professionals in Clinton County, assembled to focus on gathering data regarding a variety of health and community related issues. The health collaborative included representatives from a variety of health organizations including medical centers, physicians, dentists, optometrists, social service and health agencies, local school districts, community colleges, other educational and health-related agencies and organizations, as well as community leaders. The health collaborative represented a cross-section of leaders working in health care and education in Clinton County.

Partnering with Ohio State University Extension, Community Development, the collaborative developed two questionnaires. The first questionnaire measured the perceptions and practices of those providing health care and educational services. The second survey was provided to Clinton County residents. This questionnaire asked participants to respond to questions about their health care practices, their health (and the health of their immediate family), financial concerns, and other behaviors and attitudes related to health and well-being.

Questionnaires: Health Partner Survey

<table>
<thead>
<tr>
<th>Health Partner Survey Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. List the top three issues about the health care system in your county that you would like to see changed.</td>
</tr>
<tr>
<td>2. What works well in the health care system in your county?</td>
</tr>
<tr>
<td>3. If your services are not free, how do most of the clients pay for the services they receive at your agency/facility?</td>
</tr>
<tr>
<td>4. Is there a policy that limits your ability to meet the health needs of your clients?</td>
</tr>
<tr>
<td>5. Is there a policy that positively impacts your ability to meet the health needs of your clients?</td>
</tr>
<tr>
<td>6. Overall, how would you describe the health of individuals in your county?</td>
</tr>
<tr>
<td>7. In your opinion, what are the top three factors that influence a person’s overall health?</td>
</tr>
<tr>
<td>8. Rate the top health issues you consider to be a problem in your community (from provided list).</td>
</tr>
<tr>
<td>9. In your opinion, what are the top three issues in your community that impact health?</td>
</tr>
<tr>
<td>10. In your opinion, what are the top three issues in your community that impact well-being?</td>
</tr>
<tr>
<td>11. Where do you think most people in your community go for health care when they are sick?</td>
</tr>
<tr>
<td>12. Please select the top three financial constraints you hear from community members.</td>
</tr>
<tr>
<td>13. In your opinion, what are the top three medically underserved groups in your county?</td>
</tr>
<tr>
<td>14. In your opinion, what are the top three health care services for which people travel out of the county to receive?</td>
</tr>
</tbody>
</table>
Members of the health collaborative worked closely with OSU Extension to develop the questions for the health partner survey. Over the course of many meetings in 2011, the survey was developed and launched in January 2012. Forty-one health care professionals in Clinton County responded to the survey.

When asked to rank the top issues in the health care system in Clinton County that they would like to see changed, the health professionals cited these top 10 responses:

<table>
<thead>
<tr>
<th>Top 10 Issues: Health Professionals Would Like to See Changed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>10</td>
</tr>
</tbody>
</table>

Clinton County health professionals were also asked to identify the components of the health care system that worked well, from their perspective. The top responses include:

<table>
<thead>
<tr>
<th>Top 5 Responses: What’s Working in the Clinton County Health Care System</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
</tbody>
</table>

According to Clinton County health professionals, the top groups of medically underserved individuals include uninsured adults, uninsured children, seniors, and mentally handicapped individuals.
Health care professionals indicated that the top three health services their clients travel outside of the county to receive are cardiac services (heart catheterization, open heart surgeries, seeking cardiologists), mental health services, and specialized pediatric services.

According to health care professionals, the leading financial constraints in Clinton County include not being able to find employment, not having medical insurance, and not having enough money to buy medications.
The health collaborative also developed a web-based survey to be shared with Clinton County residents. This survey focused on health practices, health needs, health concerns/issues, barriers to seeking health care, health-related educational resources, physical and mental well-being, and issues related to financial well-being. The survey was open to the public from February to May 2012. One hundred and seventy-four residents completed the survey.

Among the respondents, 74% were female, 70% were between the ages of 35-64 years, 99% were white/Caucasian, and 71% were married. More than 43% of respondents indicated that they had attained a minimum of a Bachelor’s degree, with 16% holding a technical or associate’s degree. Forty percent of respondents listed their family income between $50,000 and $99,000, while nearly 40% indicated that they have a family income of less than $50,000. Twenty-three percent indicated that they are currently unemployed or underemployed and looking for full time employment. Nine percent of respondents are military veterans.

Using Medical Services

Among respondents, 96% indicated that they have a family doctor, 89% have a dentist, and 87% have an eye care provider.
The table below lists the rate of medical visits reported by public respondents for each medical professional:

<table>
<thead>
<tr>
<th></th>
<th>Within the last 1-12 months</th>
<th>Within the last 13-24 months</th>
<th>Within the last 25-36 months</th>
<th>Not in the last 3 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family Doctor</td>
<td>80%</td>
<td>12%</td>
<td>6%</td>
<td>3%</td>
</tr>
<tr>
<td>Dentist</td>
<td>67%</td>
<td>16%</td>
<td>4%</td>
<td>11%</td>
</tr>
<tr>
<td>Eye Doctor</td>
<td>59%</td>
<td>23%</td>
<td>8%</td>
<td>12%</td>
</tr>
</tbody>
</table>

Twenty-nine percent of respondents indicated having a child 17 years old or younger living in the home. The table below shows the frequency visits for children to medical professionals:

<table>
<thead>
<tr>
<th></th>
<th>Last 3 months</th>
<th>4-6 months</th>
<th>7-9 months</th>
<th>10-12 months</th>
<th>12+ months</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pediatrician/Family Doctor</td>
<td>58%</td>
<td>22%</td>
<td>9%</td>
<td>9%</td>
<td>2%</td>
</tr>
<tr>
<td>Dentist</td>
<td>51%</td>
<td>30%</td>
<td>5%</td>
<td>9%</td>
<td>5%</td>
</tr>
<tr>
<td>Eye Doctor</td>
<td>26%</td>
<td>23%</td>
<td>5%</td>
<td>26%</td>
<td>21%</td>
</tr>
</tbody>
</table>

Of respondents with children, 53% reported visiting the doctor’s office when the child is sick; 7% visit an urgent care center; 33% try home or traditional remedies; and 2% visit a hospital emergency room. Of the 69% of respondents with children, 2% have a child enrolled in Head Start.

Eleven percent of respondents with children indicate that their child is limited because of physical challenges. The incidence of reported mental or emotional challenges among children is cited at a rate of 22%.

**Lifestyle Choices**

In regard to personal exercise habits, 38% of respondents reported exercising once in a while; 29% reported exercising one to two times per week; 27% reported exercising four to seven times per week; and 7% reported that they never exercise.

Eleven percent of respondents smoke. Of those, 100% report smoking one pack per day. One percent report that they use smokeless tobacco. Of those 100% report using one can daily.
Illness/Diseases Reported

The chart below outlines the incidence of disease among respondents or their immediate family members:
Financial Issues Affecting Medical Decisions/Care

Respondents were asked to evaluate a list of potential financial issues.
Comparing Health Care Professionals & Public Responses

Top health issues in the community:

<table>
<thead>
<tr>
<th>Health Professional (% responding)</th>
<th>Public Response (% responding)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illegal drug use (#1 reported: Public)</td>
<td>56%</td>
</tr>
<tr>
<td>Obesity (#1 reported: Health Professionals)</td>
<td>83%</td>
</tr>
<tr>
<td>Cancer</td>
<td>55%</td>
</tr>
<tr>
<td>Tobacco use</td>
<td>59%</td>
</tr>
<tr>
<td>Not having health insurance</td>
<td>55%</td>
</tr>
<tr>
<td>Alcohol use</td>
<td>38%</td>
</tr>
<tr>
<td>Heart disease</td>
<td>66%</td>
</tr>
<tr>
<td>Prescription drug abuse</td>
<td>41%</td>
</tr>
<tr>
<td>Teen births</td>
<td>24%</td>
</tr>
<tr>
<td>Physical inactivity</td>
<td>55%</td>
</tr>
<tr>
<td>Diabetes</td>
<td>45%</td>
</tr>
</tbody>
</table>

Comparing responses: Factors affecting well-being

Unemployment: 93% (Health Professionals), 89% (Public)
Poverty: 47% (Health Professionals), 37% (Public)
Lack of affordable health insurance: 50% (Health Professionals), 45% (Public)
Lack of affordable health care: 47% (Health Professionals), 40% (Public)
Comparing responses: Issues that impact health

- Lack of chronic health management: Public 14%, Health Professionals 24%
- Lack of vision services: Public 7%, Health Professionals 34%
- Lack of substance abuse services: Public 25%, Health Professionals 28%
- Lack of local specialists: Public 20%, Health Professionals 46%
- Lack of residential mental treatment: Public 25%, Health Professionals 25%
- Lack of mental health services: Public 22%, Health Professionals 37%
- Lack of Medicare/Medicaid providers: Public 33%, Health Professionals 57%
- Lack of health services for seniors: Public 0%, Health Professionals 22%
- Lack of dental services: Public 29%, Health Professionals 33%

Health professional opinions and public actual practices: Treatment practices when sick

- Doctor’s Office: Health Professionals 78%, Public 97%
- Hospital ER: Health Professionals 1%, Public 0%
- Health Department: Health Professionals 0%, Public 0%
- Free Clinic: Health Professionals 4%, Public 0%
- Retail Clinic: Health Professionals 29%, Public 1%
- Home Remedies: Health Professionals 16%, Public 18%
- Alternative Care Providers: Health Professionals 30%, Public 3%
Community Snapshot: Demographics & Statistics

The following demographic and statistical information is data gathered about Clinton County. This information gives a snapshot of the county, as it relates to the state and nation. Clinton County’s 2010 population was 42,040, and its population is projected to grow through 2030.

Population Growth

![Population Growth Chart]

Population by Race

The population by race is broken down to understand the ethnicity of Clinton County.

<table>
<thead>
<tr>
<th></th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>40,079</td>
<td>94.5%</td>
</tr>
<tr>
<td>African-American</td>
<td>897</td>
<td>2.1%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>650</td>
<td>1.5%</td>
</tr>
<tr>
<td>Two or more Races</td>
<td>646</td>
<td>1.5%</td>
</tr>
<tr>
<td>Other</td>
<td>454</td>
<td>1.1%</td>
</tr>
<tr>
<td>Asian</td>
<td>231</td>
<td>.5%</td>
</tr>
<tr>
<td>Native American</td>
<td>109</td>
<td>.3%</td>
</tr>
</tbody>
</table>

Total minority population in Clinton County is 2,627 (6.2%). Population by age is another factor to review when addressing needs and gaps in a county. The median age for Clinton County residents is 37.7 years old.

The percent of individuals aged 5+ years, who speak a language other than English, in 2006 – 2010, was 2.6% for Clinton County and 6.3% for Ohio statewide.
In 2012, females comprised 51% of the population in Clinton County. Likewise, males comprised 49% of the population. These data are very close to the state gender make up of 51.2% female and 48.8% males.
**Family Type by Presence of Own Children Under 18**

- Families w/no children (6,319) - 53.7%
- Female householder, no husband present, w/own children (1,241) - 10.6%
- Male householder, no wife present, w/own children (686) - 5.8%
- Married-Couple families w/own children (3,517) - 29.9%

**Household Income**

- Total Households 16,323
- Median household income $46,261

- Less than $10,000 - 7.7%
- $10,000 to $19,999 - 13.0%
- $20,000 to $29,999 - 12.7%
- $30,000 to $39,999 - 10.6%
- $40,000 to $49,999 - 9.9%
- $50,000 to $59,999 - 11.7%
- $60,000 to $74,999 - 13.1%
- $75,000 to $99,999 - 9.0%
- $100,000 to $124,999 - 2.0%
- $150,000 or more - 1.5%
The number of Veterans living in Clinton County between 2006-2010 was 3,919 with a total of 936,383 in the state of Ohio.

Unemployment Rates - May 2012

Clinton County: 9.8%
Ohio: 6.9%
United States: 7.9%
2012 Poverty Guidelines for the 48 Contiguous States and the District of Columbia

<table>
<thead>
<tr>
<th>Persons in Family/Household</th>
<th>Poverty guideline</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$11,170</td>
</tr>
<tr>
<td>2</td>
<td>15,130</td>
</tr>
<tr>
<td>3</td>
<td>19,090</td>
</tr>
<tr>
<td>4</td>
<td>23,050</td>
</tr>
<tr>
<td>5</td>
<td>27,010</td>
</tr>
<tr>
<td>6</td>
<td>30,970</td>
</tr>
<tr>
<td>7</td>
<td>34,930</td>
</tr>
<tr>
<td>8</td>
<td>38,890</td>
</tr>
</tbody>
</table>

For families/households with more than 8 persons, add $3,960 for each additional person.
Clinton County Ratio of Income to Poverty Level

(Persons below poverty level - 14%)

- Below 50% of poverty level - 2,568 (6.2%)
- 50% to 99% of poverty level - 3,259 (7.8%)
- 100% to 149% of poverty level - 3,467 (8.4%)
- 150% to 199% of poverty level - 4,804 (11.6%)
- 200% of poverty level or more - 27,420 (66.0%)

Geographical Mobility

- Same house as previous year - 35,184 (84.4%)
- Different house, same county - 3,759 (9.0%)
- Different county, same state - 2,070 (5.0%)
- Different state - 439 (1.1%)
- Abroad - 215 (0.5%)

Housing Units

Total housing units 18,090

- Owner occupied - 11,459 (63.3%)
- Renter occupied - 4,864 (26.9%)
- Vacant housing units - 1,767 (13.2%)
<table>
<thead>
<tr>
<th>Housing</th>
<th>Clinton County</th>
<th>Ohio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing Units</td>
<td>18,133</td>
<td>5,127,509</td>
</tr>
<tr>
<td>Homeownership rate, 2006-2010</td>
<td>70.2%</td>
<td>69.2%</td>
</tr>
<tr>
<td>Housing Units in multi-unit structures, 2006-2010</td>
<td>16.7%</td>
<td>23.0%</td>
</tr>
<tr>
<td>Median value of owner-occupied housing units, 2006-2010</td>
<td>$125,600</td>
<td>$136,400</td>
</tr>
<tr>
<td>Person Per household, 2006-2010</td>
<td>2.54</td>
<td>2.46</td>
</tr>
<tr>
<td>Median household income 2006-2010</td>
<td>$46,261</td>
<td>$47,358</td>
</tr>
</tbody>
</table>

**Value for Specified Owner - Occupied Housing Units  11,459 Units**

![Bar chart showing the distribution of value for specified owner-occupied housing units across different price ranges.](chart.png)
Health Care Information

Understanding the health care of the county is vital to providing quality health care to the residence of Clinton County.

<table>
<thead>
<tr>
<th>Physicians (MDs &amp; DOs)</th>
<th>62</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registered Hospitals</td>
<td>1</td>
</tr>
<tr>
<td>-Number of beds</td>
<td>165</td>
</tr>
<tr>
<td>Licensed Nursing Homes</td>
<td>4</td>
</tr>
<tr>
<td>-Number of beds</td>
<td>283</td>
</tr>
<tr>
<td>Licensed Residential Care</td>
<td>1</td>
</tr>
<tr>
<td>-Number of beds</td>
<td>51</td>
</tr>
</tbody>
</table>

Adults with Employer-Based Insurance 60.8%
Children with Employer-Based Insurance 57.4%

Clinton County Health Rankings

Clinton County in 2012 is ranked 64 out of 88 counties in health outcomes. The rankings are based on a model of population health that emphasizes the many factors that if improved, can help make communities healthier places to live, learn, work and play. Health outcomes in the county health rankings represent how healthy a county is. Two types of health outcomes are measured: how long people live (mortality) and how healthy people are (incidence of disease) while alive (morbidity). Premature deaths are deaths that occur before a person reaches an expected age (e.g., age 75). Many of these deaths are considered to be preventable and are reported as a rate per 100,000 people. See the chart below for the factors that provide the ratings from www.countyhealthrankings.org

Health Outcomes – 64 out of 88 Counties

<table>
<thead>
<tr>
<th>Mortality (66 out of 88)</th>
<th>Clinton County</th>
<th>Ohio</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Premature death</td>
<td>8,456</td>
<td>7,513</td>
<td>5,466</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Morbidity (62 out of 88)</th>
<th>Clinton County</th>
<th>Ohio</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poor or fair health</td>
<td>15%</td>
<td>15%</td>
<td>10%</td>
</tr>
<tr>
<td>Poor physical health days</td>
<td>3.7</td>
<td>3.6</td>
<td>2.6</td>
</tr>
<tr>
<td>Poor mental health days</td>
<td>3.6</td>
<td>3.8</td>
<td>2.3</td>
</tr>
<tr>
<td>Low birth weight</td>
<td>9.1%</td>
<td>8.6%</td>
<td>6.0</td>
</tr>
</tbody>
</table>
## Health Factors – 55 out of 88 Counties

<table>
<thead>
<tr>
<th>Health Behaviors (16 out of 88)</th>
<th>Clinton County</th>
<th>Ohio</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult smoking</td>
<td>20%</td>
<td>22%</td>
<td>14%</td>
</tr>
<tr>
<td>Adult obesity</td>
<td>29%</td>
<td>30%</td>
<td>25%</td>
</tr>
<tr>
<td>Physical inactivity</td>
<td>33%</td>
<td>27%</td>
<td>21%</td>
</tr>
<tr>
<td>Excessive drinking</td>
<td>7%</td>
<td>17%</td>
<td>8%</td>
</tr>
<tr>
<td>Motor vehicle crash death rate</td>
<td>20</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Sexually transmitted infections</td>
<td>157</td>
<td>420</td>
<td>84</td>
</tr>
<tr>
<td>Teen birth rate</td>
<td>53</td>
<td>40</td>
<td>22</td>
</tr>
</tbody>
</table>

*Rate per 100,000 population

## Clinical Care (28 out of 88)

<table>
<thead>
<tr>
<th></th>
<th>Clinton County</th>
<th>Ohio</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uninsured</td>
<td>13%</td>
<td>14%</td>
<td>11%</td>
</tr>
<tr>
<td>Primary care physicians</td>
<td>526:1</td>
<td>859:1</td>
<td>631:1</td>
</tr>
<tr>
<td>Preventable hospital stays</td>
<td>114</td>
<td>78</td>
<td>49</td>
</tr>
<tr>
<td>Diabetic screening</td>
<td>82%</td>
<td>83%</td>
<td>89%</td>
</tr>
<tr>
<td>Mammography screening</td>
<td>60%</td>
<td>66%</td>
<td>74%</td>
</tr>
</tbody>
</table>

*Rate per 1,000 population

## Social & Economic Factors (78 out of 88)

<table>
<thead>
<tr>
<th></th>
<th>Clinton County</th>
<th>Ohio</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Children in poverty</td>
<td>21%</td>
<td>23%</td>
<td>13%</td>
</tr>
<tr>
<td>Children in single-parent households</td>
<td>33%</td>
<td>33%</td>
<td>20%</td>
</tr>
<tr>
<td>Violent crime rate</td>
<td>96</td>
<td>360</td>
<td>73</td>
</tr>
</tbody>
</table>

*Rate per 100,000 population

## Physical Environment (19 out of 88)

<table>
<thead>
<tr>
<th></th>
<th>Clinton County</th>
<th>Ohio</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access to recreational facilities</td>
<td>9</td>
<td>10</td>
<td>16</td>
</tr>
<tr>
<td>Fast food restaurants</td>
<td>62%</td>
<td>55%</td>
<td>25%</td>
</tr>
</tbody>
</table>

*Rate per 100,000 population

## Vital Statistics

<table>
<thead>
<tr>
<th></th>
<th>Clinton County*</th>
<th>Number</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Births/rate per 1,000 women aged 15 to 44</td>
<td>551</td>
<td>66.6</td>
<td></td>
</tr>
<tr>
<td>Teen births/rate per 1,000 females 15 to 19</td>
<td>81</td>
<td>54.6</td>
<td></td>
</tr>
<tr>
<td>Deaths/rate per 100,000 population</td>
<td>424</td>
<td>981.5</td>
<td></td>
</tr>
<tr>
<td>Marriages/rate per 1,000 population</td>
<td>302</td>
<td>7.0</td>
<td></td>
</tr>
<tr>
<td>Divorces/rate per 1,000 population</td>
<td>213</td>
<td>4.9</td>
<td></td>
</tr>
</tbody>
</table>

*2010 Census
Sexually Transmitted Diseases

Number of cases

<table>
<thead>
<tr>
<th></th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlamydia</td>
<td>93</td>
<td>61</td>
<td>68</td>
<td>77</td>
<td>81</td>
</tr>
<tr>
<td>Gonorrhea</td>
<td>17</td>
<td>17</td>
<td>12</td>
<td>11</td>
<td>13</td>
</tr>
<tr>
<td>Syphilis</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Cancer Incidence and Mortality

Average annual rates of invasive cancer cases, 2001-2005

<table>
<thead>
<tr>
<th>Cancer Site Type</th>
<th>Clinton County Incidence Rate</th>
<th>Ohio Incidence Rate</th>
<th>U.S. Incidence Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breast</td>
<td>118.5</td>
<td>121.9</td>
<td>126.1</td>
</tr>
<tr>
<td>Cervix</td>
<td>5.9</td>
<td>7.9</td>
<td>8.4</td>
</tr>
<tr>
<td>Colon &amp; Rectum</td>
<td>59.3</td>
<td>52.9</td>
<td>50.6</td>
</tr>
<tr>
<td>Corpus Uterus</td>
<td>26.3</td>
<td>26.4</td>
<td>23.4</td>
</tr>
<tr>
<td>Esophagus</td>
<td>3.8</td>
<td>5.4</td>
<td>4.6</td>
</tr>
<tr>
<td>Lung &amp; Bronchus</td>
<td>84.6</td>
<td>75.0</td>
<td>63.9</td>
</tr>
<tr>
<td>Ovary</td>
<td>10.6</td>
<td>12.3</td>
<td>13.3</td>
</tr>
</tbody>
</table>

*Rates are per 100,000

Average annual cancer deaths, 2001-2005

<table>
<thead>
<tr>
<th>Cancer Site Type</th>
<th>Clinton County Mortality Rate</th>
<th>Ohio Mortality Rate</th>
<th>U.S. Mortality Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breast</td>
<td>21.5</td>
<td>27.5</td>
<td>25.0</td>
</tr>
<tr>
<td>Cervix</td>
<td>*</td>
<td>2.4</td>
<td>2.5</td>
</tr>
<tr>
<td>Colon &amp; Rectum</td>
<td>19.1</td>
<td>20.9</td>
<td>18.8</td>
</tr>
<tr>
<td>Corpus Uterus</td>
<td>6.5</td>
<td>4.4</td>
<td>4.1</td>
</tr>
<tr>
<td>Esophagus</td>
<td>3.3</td>
<td>5.1</td>
<td>4.4</td>
</tr>
<tr>
<td>Lung &amp; Bronchus</td>
<td>65.9</td>
<td>60.3</td>
<td>54.1</td>
</tr>
<tr>
<td>Ovary</td>
<td>14.8</td>
<td>9.0</td>
<td>8.8</td>
</tr>
</tbody>
</table>

*Rates are per 100,000

* - Rates may be unstable and are not presented when the count 2001 – 2005 is less than five

Cancer Incidence Rates by Census Tract

Average annual (1996-2005) age-adjusted cancer incidence rates for Clinton County, by census tract, are presented below for cancers of the lung and bronchus, colon and rectum, female breast, and prostate, respectively. These maps can help to identify areas in the county with higher rates and/or risks of developing these cancers.
Lung and Bronchus Cancer 1-4

Colon and Rectum Cancer 1-4

Female Breast Cancer 1-4
Prostate Cancer 1-4

[2] Rates are per 100,000 and were calculated using vintage 2006 intercensal estimates for July 1, 1996-1999 and postcensal estimates for July 1, 2000-2005, (U.S. Census Bureau, 2007). Rates are direct age-adjusted to the U.S. 2000 standard population.
[3] NOTE: Large census tracts may appear to have higher rates and risks due to their size—interpret with caution.
[4] Cut points for rate quartiles were derived from the distribution for the State of Ohio. *Rates may be unstable and are not presented when the count for 1996-2005 is less than five (i.e., average annual count is <1). A small number (less than 1%) of unusually high outlying incidence rates are also not presented.
Cancer Screening Tests and Health Behaviors

<table>
<thead>
<tr>
<th>Cancer Screening Test</th>
<th>Clinton County</th>
<th>Ohio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colonoscopy/Sigmoidoscopy in Past Five Years (Age 50+)</td>
<td>52.1%</td>
<td>47.5%</td>
</tr>
<tr>
<td>Prostate-specific Antigen (PSA) Test in Past Year (Age 50+)</td>
<td>58.9%</td>
<td>57.5%</td>
</tr>
<tr>
<td>Digital Rectum Exam (DRE) in Past Year (Age 50+)</td>
<td>56.8%</td>
<td>54.2%</td>
</tr>
<tr>
<td>Pap Smear in Past Three Years (Age 18+, Intact Cervix)</td>
<td>81.6%</td>
<td>84.1%</td>
</tr>
</tbody>
</table>

Civilian Labor Force

![Employment Graph]

<table>
<thead>
<tr>
<th>Year</th>
<th>Employed</th>
<th>Unemployed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>23,100</td>
<td>1,100</td>
</tr>
<tr>
<td>2008</td>
<td>21,900</td>
<td>1,400</td>
</tr>
<tr>
<td>2009</td>
<td>18,000</td>
<td>3,000</td>
</tr>
<tr>
<td>2010</td>
<td>16,200</td>
<td>3,200</td>
</tr>
<tr>
<td>2011</td>
<td>15,600</td>
<td>2,400</td>
</tr>
</tbody>
</table>

Child Care Centers in Clinton County

<table>
<thead>
<tr>
<th>Blanchester Locations</th>
<th>Enrollment Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blanchester Learning Center LLC</td>
<td>61</td>
</tr>
<tr>
<td>Kreative Kids Child Care Center, LLC</td>
<td>52</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Clarksville Location</th>
<th>Enrollment Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinton-Massie Prime Time</td>
<td>78</td>
</tr>
<tr>
<td>Sabina Location</td>
<td>Enrollment Capacity</td>
</tr>
<tr>
<td>-----------------------------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Sabina cooperative Nursery School</td>
<td>31</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waynesville Location</th>
<th>Enrollment Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building Blocks Learning Center</td>
<td>42</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wilmington Locations</th>
<th>Enrollment Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Champions in the Making Day Care</td>
<td>21</td>
</tr>
<tr>
<td>Champions in the Making Day Care Academy</td>
<td>95</td>
</tr>
<tr>
<td>Clinton County Head Start Center</td>
<td>77</td>
</tr>
<tr>
<td>Happy Day Co-op Preschool</td>
<td>34</td>
</tr>
<tr>
<td>Rainbow Village Child Care Center</td>
<td>52</td>
</tr>
<tr>
<td>Sonshine Christian Preschool and Kindergarten</td>
<td>56</td>
</tr>
<tr>
<td>SSCC Patri-tots Learning Center</td>
<td>44</td>
</tr>
<tr>
<td>Timber Faith Preschool</td>
<td>76</td>
</tr>
<tr>
<td>Wilmington Child Care &amp; Learning Center</td>
<td>126</td>
</tr>
<tr>
<td>Wilmington Cooperative Preschool</td>
<td>36</td>
</tr>
</tbody>
</table>

**Business Facts**

<table>
<thead>
<tr>
<th></th>
<th>Clinton County</th>
<th>Ohio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private nonfarm establishments, 2009</td>
<td>779</td>
<td>256,551</td>
</tr>
<tr>
<td>Private nonfarm employment, 2009</td>
<td>17,698</td>
<td>4,460,553</td>
</tr>
<tr>
<td>Private nonfarm employment - % change 2000-2009</td>
<td>-25.5%</td>
<td>-10.8%</td>
</tr>
<tr>
<td>Manufacturers’ shipments, 2007 ($1,000)</td>
<td>1,025,387</td>
<td>295,890,890</td>
</tr>
<tr>
<td>Merchant wholesaler sales, 2007 ($1,000)</td>
<td>D*</td>
<td>135,575,279</td>
</tr>
<tr>
<td>Retail sales, 2007 ($1,000)</td>
<td>450,943</td>
<td>138,816,008</td>
</tr>
<tr>
<td>Retail sales per capita, 2007</td>
<td>$10,489</td>
<td>$12,049</td>
</tr>
<tr>
<td>Accommodation &amp; food services sales, 2007 ($1,000)</td>
<td>62,173</td>
<td>17,779,905</td>
</tr>
<tr>
<td>Building permits, 2010</td>
<td>33</td>
<td>13,710</td>
</tr>
</tbody>
</table>

*D – suppressed to avoid disclosure of confidential information*
Abuse/Neglect/Violence

Each year in Clinton County:

150 – 220 Children are abused or neglected
474 Reports of abuse or neglect are filed with children’s services
74 Children are placed in custody
330-430 Adults are physically abused by a current or former intimate partner
80 People are arrested for intimate partner violence
151 People file petitions for civil protection orders
0 Adults seek shelter in domestic violence shelters in the county (Residents use shelters in other counties)
320 -410 Seniors in the community are abused, neglected or financially exploited
20 – 30 Seniors in long-term care facilities are abused, neglected or exploited
20 Reports of abuse, neglect or exploitation are filed for seniors in the county
14 Reports of abuse, neglect or exploitation are filed for seniors in Long-term care facilities

The Children’s Defense Fund-Ohio Ohio’s KIDS COUNT: 2011 Data Book, an annual compilation of data that provides yearly snapshots of the well-being of Ohio’s children at both the state and county levels reports the follow data:

- **Economic Security** - Children’s poverty has continued to climb, with 23.1% of Ohio’s children living below the poverty line in 2010. The Appalachian and metropolitan areas of the state have the highest children’s poverty rates, at 26.5% and 25.9%, respectively. The burden is highest among black children, who live in poverty at a staggering rate of 45.3%.

- **Food Access and Obesity** - 28% of Ohio children were enrolled in free and reduced lunch in 2010. In Appalachia, that rate is 50.5%, which contributes to the region’s overweight and obesity rate of 39.9%. Children enrolled in free and reduced lunch are 30% more likely to be overweight or obese than other students.
Health Insurance - 44.9% of Ohio children are enrolled in Medicaid. Suburban counties have the lowest rate of enrollment at 32.3%; however, the total uninsured rate for suburban children is 20% higher than any other region.

Dental Care - Dental care is the greatest unmet medical need amongst Ohio’s children. In rural non-Appalachian counties 20.2% of children have no dental coverage. Ohio also has 68 Dental Health Professional Shortage Areas (HPSA). The problem of Dental HPSAs is worst in Appalachian counties, which has led to 27% of Appalachian third graders having untreated tooth decay.

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Highest</th>
<th>Lowest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Median Income</td>
<td>Delaware County ($85,628)</td>
<td>Meigs County ($33,194)</td>
</tr>
<tr>
<td>Child Poverty Rate</td>
<td>Pike County (36.9%)</td>
<td>Delaware County (6.6%)</td>
</tr>
<tr>
<td>3rd Grade Overweight/Obesity</td>
<td>Hardin County (51.5%)</td>
<td>Geauga County (23.3%)</td>
</tr>
<tr>
<td>Babies Born at Low Birth Weight</td>
<td>Cuyahoga County (10.5%)</td>
<td>Mercer County (3.6%)</td>
</tr>
<tr>
<td>Graduation Rate</td>
<td>Auglaize County (98.4%)</td>
<td>Marion County (57.9%)</td>
</tr>
</tbody>
</table>

Developmental Disabilities

As reported by the Clinton County Board of Developmental Disabilities, Clinton County children aged birth to 3 years are served in Early Intervention services. Approximately 92 children either have a medical diagnosis or development delay (as diagnosed from the Battelle Assessment for EI). Statistics for children three to four years old: approximately two children with orthopedic impairments, 24 children with developmental delays, 35 children with speech and language impairments, one child with multiple disabilities, three children with autism, one child with visual impairment (blind), and one child with hearing impairment/deaf.
Methodology
Clinton County Community Assessment
Methodology

Questionnaire Design

Two surveys were developed to gather information about community needs. The first survey was designed for professionals working in any aspect of health care to compile information about their experiences, opinions, and practices related to the Clinton County health care system. The second survey was designed to gather information from the general public to measure the needs, behaviors, and health status of Clinton County residents. The assessment results are based on data collected through a web-based, electronic survey of residents living in Clinton County. Both surveys were developed by the Clinton County Health Coalition, with the assistance and facilitation of Ohio State University Extension, Community Development.

Sampling Design

Two web-based surveys were designed through SurveyMonkey, an online survey development and hosting company. The health care provider survey was made available to all health care businesses, agencies, facilities, and organizations in the county. The survey, designed to gather general public information, was made available and marketed to the general public through a variety of means, including Chamber of Commerce newsletters, pay check statements with various organizations and businesses, Facebook pages, College websites, Senior Citizens Centers, church bulletins, local newspaper articles, businesses/organizations websites, Family & Children First Council, local libraries, Web Entertainment, health fairs, and health care providers offices. Participation was completely voluntary.

Survey Implementation

The SurveyMonkey questionnaire for the health care providers was published and advertised on January 5, 2012 and was open for health care providers to complete the survey through March 1, 2012. A total of 41 health care providers completed the survey. A total of 174 county residents completed the public survey. The survey was conducted from February 1 through April 30, 2012.

Data Analysis

Once the surveys were completed, data was compiled into the Community Assessment Report. Additional data sources were used to gather information about Clinton County residents then compared to state and national statistics. The most recent state and national information available was used.
Limitation

A limitation to the surveys is that they were based on self-reported information and may reflect respondents’ likelihood of reporting a particular behavior; however, since the same methodology is utilized for the state and national survey, the same bias applies. In addition, the survey was web-based, which may have excluded participation among some groups. Efforts to mitigate this limitation were made by making available computers at local libraries and other health partner agencies.

Sample Demographics

The survey was advertised through a variety of resources and venues in an effort to gain a representative sample of the county’s demographics. The public survey was directed to the general public, so advertisements for the survey were directed to sources that would collect respondents from all socio-economic, ethnic, and age groups, as well geographic locations throughout county. The health care provider’s survey was directed to all health care organizations and businesses.
Results: Health Data

Clinton County Community Assessment
Community Issues Impacting Health and Well-Being

Public response: Top issues in the community affecting individual health

- Lack of substance abuse services: 34%
- Lack of local specialists: 20%
- Lack of residential mental health services: 25%
- Lack of info managing chronic conditions: 24%
- Lack of mental health services: 28%
- Lack of doctors: 31%
- Lack of Medicare/Medicaid providers: 37%
- Lack of health services for seniors: 33%
- Lack of dental services: 22%

Top 5 choices: In your opinion, what are the top 3 issues in your community that impact well-being? (Please select 3)

- Unemployment: 89.9%
- Lack of affordable health insurance: 45.3%
- Lack of affordable health care: 39.9%
- Poverty: 37.2%
- Education level: 18.2%
Top 5 choices: In the following list, please check the top health issues you consider to be a problem in your community: (Check all that apply)

- Illegal drug use: 70.4%
- Obesity: 68.5%
- Cancer: 65.4%
- Not having health insurance: 63.6%
- Tobacco use: 53.7%

All other responses (from above):

- Physical inactivity: 48.0%
- Alcohol use: 45.0%
- Prescription drug abuse: 43.0%
- Mental health: 38.0%
- Heart Disease: 37.0%
- Access to dental services: 31.0%
- Nutrition: 28.0%
- Alzheimer’s Disease: 24.0%
- Teen births: 22.0%
- Pneumonia: 15.0%
- Falls (elderly): 14.0%
- Suicide: 13.0%
- Motor vehicle accidents: 12.0%
- Stroke: 7.0%
- Eating disorders: 7.0%
- Access to prenatal care: 2.6%
- Sexually transmitted diseases: 2.6%
Do you have a family doctor?  
Yes: 96%  
No: 4%

Do you have a dentist?  
Yes: 89%  
No: 11%

Do you have an eye care provider?  
Yes: 87%  
No: 13%

How long has it been since you have seen:

- **Family Doctor**
  - Within the last 12 months: 78%
  - Within the last 13-24 months: 12%
  - Within the last 25-36 months: 6%

- **Dentist**
  - Within the last 12 months: 69%
  - Within the last 13-24 months: 16%
  - Within the last 25-36 months: 4%

- **Eye Doctor**
  - Within the last 12 months: 59%
  - Within the last 13-24 months: 22%
  - Within the last 25-36 months: 8%
How often do you exercise?

- Every once in a while: 37.6%
- 1-2 times a week: 28.7%
- 4 times a week: 16.6%
- 5-7 times a week: 10.2%
- Never: 7.0%

Top responses (all others < 1%): Where do you usually go for health care when you are sick? (Please select only 1)

- Doctor's office: 53.3%
- Home or traditional remedies: 16.1%
- Alternative health care providers (chiropractor, naturopath, energy w...: 3.4%
Top responses (all others < 1%): What behaviors have you or a member of your immediate family experienced in the last year? (Check all that apply)

- Being overweight: 60.1%
- Lack of exercise (less than 2 times per week): 56.3%
- Poor eating habits: 31.0%
- Tobacco use: 25.3%

Do you currently smoke?

- Yes: 11%
- No: 89%
Female responses only: Do you currently smoke?

- Yes: 11%
- No: 89%

Male responses only: Do you currently smoke?

- Yes: 16%
- No: 84%
If you smoke, how much do you smoke daily?

- 1 pack: 100.0%

Do you use smokeless tobacco?

- Yes: 1%
- No: 99%
Children and Health

Do you have children age 17 or younger living in your household?

- Yes: 30%
- No: 71%

Are any of your children limited in any way because of mental or emotional challenges?

- Yes: 22.2%
- No: 77.8%
Are any of your children limited in any way because of physical challenges?

- Yes: 11.1%
- No: 88.9%

Top responses: What do you usually do when your child is sick? (Please select only 1)

- Doctor’s office: 53.3%
- Home or traditional remedies: 33.3%
- Urgent care center: 6.7%
Heart Disease and Stroke

Have you or a family member ever been told by a doctor, nurse, or healthcare professional that you have/had any of the following? (Check all that apply)

- Heart attack: 10.1%
- Angina or coronary/heart disease: 12.8%
- Stroke: 4.7%
- None of the above: 80.4%

Do you feel you have all the necessary resources to manage your or your family member’s heart disease?

- Yes: 78.1%
- No: 21.9%
In caring for your own or a family member’s heart disease, what has been most helpful?

- Doctor or hospital: 59%
- Internet website: 13.8%
- I do my own thing: 13.8%
- Special class my doctor suggested: 10.3%
- Special class in the community: 3.4%
Respiratory Disease

Have you or a family member ever been told by a doctor, nurse, or other health care professional that you have any of the following?

- Asthma: 26.5%
- Pneumonia: 3.5%
- COPD (Chronic Obstructive): 7.0%
- No respiratory conditions: 68.5%

Do you feel you have all the necessary resources to manage your or your family member’s asthma or other respiratory condition?

- Yes: 76.5%
- No: 23.5%
In caring for your own or a family member’s asthma or other respiratory condition, what has been most helpful?

- Doctor or hospital: 62.2%
- I do my own thing: 28.9%
- Internet website: 8.9%
Cancer

Have you or a family member ever been told by a doctor, nurse, or other health professional that you had/have cancer?

- Yes: 70.3%
- No: 29.7%

Types of cancer you or an immediate family member have been diagnosed with:

- Lung: 17%
- Breast: 33%
- Colon/Rectum: 14%
- Prostate: 33%
- Leukemia: 6%
- Skin: 39%
- Bladder: 8%
- Brain: 8%
Do you feel you have the necessary resources to manage your or your family member's cancer?

- Yes: 76.7%
- No: 23.3%

Top responses (all others < 2%): In caring for your own or a family member's cancer, what has been most helpful?

- Doctor or hospital: 89.7%
- Internet website: 17.9%
- Community support: 7.7%
- Special class my doctor suggested: 5.1%
- I do my own thing: 5.1%
Diabetes

Have you or another member of your family ever been told that you have diabetes?

Public responses: Have necessary resources to manage diabetes?
In caring for your own or a family member's diabetes, what has been most helpful?

- Doctor or hospital: 59.6%
- Internet website: 17.0%
- Special class my doctor suggested: 10.6%
- Special class in the community: 6.4%
- I do my own thing: 6.4%
Mental or Emotional Conditions

Have you or a family member ever been told by a doctor or other health professional that you have any of the following? (Check all that apply)

- Depression: 38.5%
- Anxiety: 28.4%
- Post Traumatic Stress Disorder (PTSD): 4.1%
- Learning disability: 5.4%
- ADHD/ADD: 12.8%
- Autism: 1.4%
- Eating disorder: 2.0%
- Substance abuse/addiction: 4.7%
- None of these: 50.0%
Do you have the necessary resources to manage you or your family member's mental condition?

- Yes: 66%
- No: 34%

In caring for your own or a family member's mental/emotional condition, developmental disorder or substance abuse, what has been most helpful?

- Doctor or hospital: 56.7%
- Special class my doctor suggested: 4.5%
- Special class in the community: 9.0%
- Resources at the library: 3.0%
- Community support: 3.0%
- Internet website: 14.9%
- I do my own thing: 23.9%
Financial issues related to health care behaviors/practices

- Unable to afford medical insurance: 71% not an issue, 13% sometimes an issue, 16% a major issue
- Unable to afford medications: 73% not an issue, 17% sometimes an issue, 10% a major issue
- Unable to afford doctor: 67% not an issue, 20% sometimes an issue, 13% a major issue
- Unable to afford transportation: 82% not an issue, 13% sometimes an issue, 5% a major issue
- Need education/training for employment: 81% not an issue, 14% sometimes an issue, 5% a major issue
- Unemployed: 77% not an issue, 15% sometimes an issue, 9% a major issue
- Unable to afford food: 84% not an issue, 12% sometimes an issue, 4% a major issue

- A major issue
- Sometimes an issue
- Not an issue
Demographics of Respondents

Your gender:
- Female: 74%
- Male: 26%

Your age range:
- Under 18: 4.1%
- 18 to 24: 4.1%
- 25 to 34: 13.8%
- 35 to 54: 41.4%
- 55 to 64: 25.0%
- 65 to 74: 10.3%
- 75 or older: 1.4%
Total household income

<table>
<thead>
<tr>
<th>Income Range</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>$200,000 or more</td>
<td>4%</td>
</tr>
<tr>
<td>$100,000-$199,000</td>
<td>16%</td>
</tr>
<tr>
<td>$50,000-$99,999</td>
<td>40%</td>
</tr>
<tr>
<td>$35,000-$49,999</td>
<td>16%</td>
</tr>
<tr>
<td>$25,000-$34,000</td>
<td>15%</td>
</tr>
<tr>
<td>$10,000-$24,999</td>
<td>3%</td>
</tr>
<tr>
<td>$5,000-$9,999</td>
<td>4%</td>
</tr>
<tr>
<td>&lt; $5,000</td>
<td>2%</td>
</tr>
</tbody>
</table>

How many total people, both adults and children in your household, does the above income support (for instance, 2 adults and 3 children would be 5 people supported by the income)?

- 1 person: 12.9%
- 2 people: 39.5%
- 3 people: 22.4%
- 4 people: 15.0%
- 5 people: 6.8%
- 6 people: 1.4%
- 7 or more: 2.0%
Are any of the other adults living in your household currently unemployed or underemployed and looking for full time employment?

- Yes: 22.9%
- No: 77.1%

Are you a (military) veteran?

- Yes: 8.9%
- No: 91.1%
Results: Health Care Professionals

Clinton County Community Assessment
Clinton County Community Partner Survey Summary

Respondent Information

As part of a comprehensive community health survey, health professionals in Clinton County participated in a web-based questionnaire that asked participants to respond to questions about their experiences, knowledge, and opinions regarding the health of individuals in the county. A total of 41 health professionals working in Clinton County responded. Information in this section this report will focus on the summary of data and outcomes from the Clinton County health professionals.

The following is a list of organizations and businesses represented by the respondents:

City of Wilmington               Clinton County Health Department
Clinton District Hospital        Clinton Memorial Hospital
Clinton County Board of Developmental Disabilities
Clinton County Child Support Enforcement Agency
Clinton County Community Action Agency
Clinton County Community Action Agency, Head/Early Start
Clinton County Department of Jobs & Family Services, Child Protective Division
Ohio State University Extension, Clinton County
Physicians (self-employed)
Solutions Community Counseling & Recovery Center
Southern Ohio Plastic & Reconstructive Surgical Institute
Southern State Community College       Wilmington Medical Associates

Respondents work in a variety of capacities in the previously mentioned agencies. These include:

Hospital Administrators and CEOs     Agency Directors
Case Managers                       Counselors and Patient Coordinators
Dentist                             Directors of Early Childhood Programs
Directors of Nursing (hospital and agency) Fire Chiefs/Directors
Hospital and Agency Department Heads Directors of Rehab Services
Health Service Managers             Managers of Food & Nutrition Services
Medical Department Directors        Nurses (RN)
Patient Access Managers             Pharmacists
Physicians                          Social Program Directors
Social Workers                      Therapists
More than half of the respondents have worked in their current positions for longer than 10 years.

**Rating the County’s Health Care System**

When asked to identify the top three issues related to the health care system in the county that they’d like to see changed, respondents indicated a wide variety of issues. See summary below:

- Lack of drug abuse/treatment options
- Lack of pediatricians
- Large number of patients affected by illegal drug use/prescription drug abuse
- Access to mental health services – for adults and youth
- Large portion of residents are underinsured
- Limited medical options for individuals on Medicare/Medicaid
- Lack of focus on prevention of disease and healthy lifestyle
- Limited access to primary medical care in county
- Increasing/high cost of medical services
- More physicians in specialties
- More physicians willing to serve individuals with developmental disabilities
- Support of ob/gyn services – for all including underinsured and uninsured
- Lack of partnership among medical service providers – especially hospitals/medical centers with social agencies
- Lack of dentists accepting Medicaid
- Lack of needed medical services
- Lack of affordable services
- Limited sex education programs/services for teens
- Lack of chronic pain management programs/physicians
- Limited transportation services for patients
- Large number of obese patients/prevention services needed

A text analysis of the 10 most often cited responses is illustrated below. The larger the words, the more often they were cited in the responses:
When asked to cite what works well with the medical system in the county, respondents indicated the following:

- Dedicated medical staff
- Excellent health department programs
- Access to prenatal care
- Access to local hospitals
- Access to urgent care facilities
- Caring group of medical professionals/providers
- Access to labs, radiology
- Good referrals
- Cooperation among pharmacies
- Professionalism among medical personnel
- Some outpatient services

A text analysis of the 10 most often cited responses is illustrated below. The larger the words, the more often they were cited in the responses:

**Health Department Programs**
**Community Caring**
**Physicians Work Well Together**
**Dedicated Medical Staff**
**Prenatal Care Access**
**Local Hospitals**
Access to Services

Eighty-five percent of respondents stated that the services offered at their agency, hospital or clinic require some form of copayment. The methods of payment include:

- Medicare/Medicaid
- Ohio Department of Jobs & Family Services is billed
- Private (or employer provided) Insurance
- Private co-pay by client
- Sliding scale/fee

Are your services free? If not, how do clients pay?

More than half of respondents indicated that governmental or agency policies positively impact their ability to meet the health care needs of their clients. The policies cited include:

- Sliding fee scale
- No charge for child/adolescent mental health services; mental health board assists
- Provide school-based medical services
- Opportunity to meet in homes to relieve transportation costs
- Medical coverage for children, regardless of income levels
- Childhood “free” vaccine program
- Social workers available for counseling and to explore additional services
Two-thirds of respondents listed at least one government or agency policy that limits their ability to meet the needs of their clients. The policies cited are listed below.

- Prescription overregulation
- Medicaid caps
- Prior authorization rules
- Income-based eligibility
- Lack of funding
- Medicare/Medicaid limitations on covered services

Is there a policy limits your ability to meet the needs of your clients?

Health and Well-Being of Clinton County Residents

Health professionals working in Clinton County were asked to rate the general health of residents in the county. More than two thirds of the responses indicate that health professionals rate the overall health of individuals in the county as fair to poor.

Illustrated in the charts on the following pages, Clinton County health care professionals identify factors related to individual health and well-being.
In your opinion, what are the top 3 issues in your community that impact health? (Please select 3)

- Lack of providers accepting Medicaid/Medicare: 57.1%
- Lack of local specialists: 46.4%
- Lack of mental health services: 42.9%
- Lack of dental health services: 28.6%
- Lack of residential mental health treatment: 25.0%
- Lack of substance abuse services: 25.0%

In your opinion, what are the top 3 issues in your community that impact well-being? (Please select 3)

- Unemployment: 92.9%
- Lack of affordable health insurance: 50.0%
- Lack of affordable health care: 46.4%
- Poverty: 46.4%
- Education level: 25.0%
Top responses: In your opinion, what are the top 3 medically underserved groups in your county? (Select up to 3)

- Uninsured adults (no Medicaid): 88.9%
- Uninsured children (no Medicaid): 56.6%
- Seniors: 29.6%
- Mentally handicapped individuals: 25.9%
- Medicaid served individuals: 22.2%

Top responses: In your opinion, what are the top 3 factors that influence a person’s overall health? (Please select 3)

- Bad health practices (smoking, excessive drinking, lack of exercise): 75.9%
- Good health practices (eating health foods, daily exercise): 44.8%
- Access to insurance: 41.4%
- Economic factors: 37.9%
- Genetics/family history: 31.0%
- Level of education: 27.6%
- Access to doctors: 24.1%
Top responses: Top health issues you consider to be a problem in your community

- Obesity: 83%
- Illegal drug use: 56%
- Diabetes: 45%
- Alcohol use: 38%
- Prescription drug abuse: 41%
- Not having med insurance: 55%
- Tobacco use: 59%
- Heart disease: 66%
- Physical inactivity: 55%
- Cancer: 55%
- Mental health issues: 48%
- Teen births: 24%
- Access/Dental care: 28%
- Poor Nutrition: 28%

Top responses: Please select the top 3 financial constraints you hear from community members. (Please select 3)

- Not being able to find work: 88.9%
- Not having enough money to buy medications: 74.1%
- Not having medical insurance: 55.6%
- Not having enough money to pay the doctor: 25.9%
- Having a job that doesn’t provide benefits: 25.9%
Finally, respondents were asked to identify, in their opinion, the top three health care services that residents travel outside of the county to receive. The responses are below:

What are the top three health care services for which people travel outside of the county to receive?

- Cardiac: Surgeries/Heart Cath/Care (25%)
- Pediatric Services (23%)
- Dental Services (18%)
- Psychiatry/Drug Rehab (12%)
- Cancer Treatment/Oncology (17%)
- All Other Responses (5% and 17% combined)
Data Sources

Department of Development, Office of Policy, Research and Strategic Planning
http://www.development.ohio.gov/research/files/s0.htm

U.S. Department of Health and Human Services:
http://aspe.hhs.gov/poverty/12poverty.shtml#guidelines

U.S. Census Bureau:
http://quickfacts.census.gov/qfd/states/39/39071.html

Ohio Department of Jobs and Family Services:
http://ohiolmi.com/laus/current.htm

http://www.odjfs.state.oh.us/cdc/query.asp#def01

Ohio Family Violence Prevention:
www.healthpolicyohio.org/OFVPP_CountyProfiles.html

Connect Ohio:
http://connectohio.org/blog/post/stu-johnson-presents-ohio-appalachian-task-force

Clinton County Board of Developmental Disabilities
http://highdd.org/

Ohio Department of Health:
http://www.odh.ohio.gov/~/media/ODH/ASSETS/Files/hst/std%20surveillance/CT0711.ashx

http://www.odh.ohio.gov/~/media/ODH/ASSETS/Files/hst/std%20surveillance/GC0711.ashx

http://www.odh.ohio.gov/~/media/ODH/ASSETS/Files/hst/std%20surveillance/TotSyp0711.ashx

http://www.odh.ohio.gov/~/media/ODH/ASSETS/Files/opi/cancer%20incidence%20surveillance%20system%20ciss/Clinton.ashx
Sample Marketing Flyer
Informal Reproductive Survey
We need your help!!

• Many Clinton County community organizations are conducting a survey, and your input is needed. The survey will help inform community leaders about ways to better meet the needs of the residents in the county.

• Confidential and anonymous! The responses will not be linked to any individual or IP address. No identifying info will be collected.

• Go to [http://go.osu.edu/countyfirst](http://go.osu.edu/countyfirst)

• Or take the survey on your smart phone by scanning the QR Tag above.

Thanks for your help!
1. What are the top health concerns for your county?
   - Obesity 15 55
   - Access to health care 24 36
   - Substance abuse 17 47
   - Unintended pregnancy
   - Access to mental health services
   - STD/HIV rates
   - Partner violence
   - Access to contraception
   - Teen pregnancy 15 58

2. Where do uninsured women and men obtain family planning services?
   - Emergency room 10 17
   - Urgent care
   - Family planning clinics 23 61
   - Private Practice (MD, Nurse Practitioners, Midwifes)
   - Other______________
   - Or just do not get care 9 20

3. What are the top three priorities for uninsured women when it comes to reproductive health?
   - Infertility services
   - Easy access to services 29 40
   - Affordability of care 64
   - Prenatal care 51
   - Prescription contraceptive
   - Reproductive screenings (breast and cervical) 16
   - Adoption services
   - Abortion services
   - STD/HIV testing and treatment 18
   - Tubal; ligation
   - Other _________
4. What are the top three priorities for uninsured men when it comes to reproductive health?
   - Cancer screenings (testicular, prostate) 24 49
   - Easy access to services 17 51
   - Affordability of care 29 70
   - Vasectomy
   - Treatment of erectile dysfunction
   - STD/HIV testing and treatment 22 46
   - Diagnosis and treatment of urinary infection
   - Other ________________

5. What barriers do uninsured women and men face in accessing reproductive health care in your county?
   - Limited hours of services 10
   - Location
   - Patient finances 30 56
   - Religious or cultural stigma
   - Transportation 29
   - Childcare
   - Lack of compatibility with providers
   - Stigma associated with walking into a Women’s clinic

6. Gender
   - Male 3 10
   - Female 36 80

7. Age
   - 13-20 years of age 5 29
   - 21-30 years of age 27 33
   - 31-50 years of age 6 26
   - 51-65 years of age 1 2
   - 66 and older

8. County of residence
   - Highland 9 75
   - Clinton 24 5
   - Other 6 1