In 2019, Clark Memorial Health along with Indiana University conducted a community needs assessment designed to identify the health issues and barriers of vulnerable populations and the community as a whole in Clark County. The process included gathering information regarding demographic, socioeconomic and health statistics, including health care resources and utilization rates. The data was analyzed to identify common issues, determine the size and seriousness of the problems identified, the impact of those issues on vulnerable populations and the importance to the community as a whole. The findings were compiled into a comprehensive report. With this information, Clark Memorial Health is better able align its resources with local organizations and have a greater focus on providing more relevant health screenings, educational events, and community programs for those who need them most.

### County of Residence

- Clark: 83.3%
- Other: 16.7%

### Zip Code

- 40026: 0.4%
- 40229: 0.4%
- 47138: 0.4%
- 47147: 0.4%
- 47163: 0.4%
- 40220: 0.8%
- 40222: 0.8%
- 42701: 0.8%
- 47108: 0.8%
- 47120: 0.8%
- 47141: 0.8%
- 47165: 0.8%
- 47126: 1.7%
- 47191: 2.9%
- 47106: 3.3%
- 47150: 4.6%
- 47111: 11.3%
- 47129: 11.7%
- 47172: 16.7%
- 47130: 34.6%

### Household Characteristics

#### Total People in Household

- 1: 13.0%
- 2: 33.9%
- 3: 22.6%
- 4: 17.2%
- 5: 8.8%
- 6 or More: 4.6%

#### Number of Children in Household

- 1: 56.7%
- 2: 20.0%
- 3: 16.3%
- 4: 5.4%
- 5: 1.7%

#### Household Income

- <$15,000: 3.0%
- $15,000 - $24,000: 2.6%
- $25,000 - $34,999: 9.8%
- $35,000 - $49,999: 14.5%
- $50,000 - $74,999: 17.5%
- $75,000 - $99,000: 16.2%
- $100,000 - $149,999: 27.7%
- $150,000 or More: 8.9%

#### Age and Gender

**Age in Years**

- 18-24: 6.3%
- 25-34: 15.8%
- 35-44: 20.4%
- 45-54: 22.5%
- 55-64: 26.0%
- 65 and Older: 8.3%

**Gender**

- Male: 11.7%
- Female: 88.3%
Ethnicity
Hispanic.......................... 2.5%
Other................................ 97.5%

Race
Asian............................... 0.8%
Black or African American .... 2.1%
White................................. 95%
Other................................ 2.1%

Education and Employment
Education
Some High School.................. 0.4%
High School or GED................. 10.8%
Some College......................... 23.3%
Associate's Degree............... 27.1%
Bachelor's Degree.................. 25.0%
Graduate Degree..................... 10.8%
Other or Technical School........ 2.5%

Employment Status
Employed................................ 92.9%
Unable To Work......................... 1.7%
Homemaker............................. 4%
Student ____________________________ 1.3%
Retired .................................. 3.3%
Other ______________________________ 0.4%

Perceived Health
Overall Health
Excellent............................. 10.6%
Very Good............................ 44.7%
Good .................................. 36.6%
Fair .................................... 7.7%
Poor .................................... 0.4%

Physical Health
Excellent............................. 9.4%
Very Good............................ 31.5%
Good .................................. 45.1%
Fair .................................... 13.6%
Poor .................................... 0.4%

Mental Health
Excellent............................. 20.0%
Very Good............................ 43.0%
Good .................................. 25.1%
Fair .................................... 11.1%
Poor .................................... 0.9%

Social Well-Being
Excellent............................. 21.7%
Very Good............................ 41.7%
Good .................................. 24.7%
Fair .................................... 10.6%
Poor .................................... 1.3%

Care Resources
Personal Care Provider
Yes ...................................... 88.4%
No ...................................... 9.9%
Unsure ................................ 1.7%

Insurance Coverage
Medicaid/Medicare ................. 9.4%
Public Insurance ..................... 5.5%
Private Insurance ................. 84.3%
Other/None ......................... 0.8%

Recent Health Care History
Most Recent Health Care Visit
Don’t Remember..................... 0.9%
Over Five Years Ago................. 1.2%
Within Past Two Years ............ 8.5%
Within Past Year ..................... 17.5%
Within Past 6 Months ............. 71.9%

Health Care Visits By Type this Past Year
Drug or Alcohol Treatment ......... 0.9%
Food Stamps or SNAP ............... 2.8%
Tobacco or Smoking Cessation.. 3.7%
WIC Services ......................... 5.2%
Prenatal or Well-Baby Care ....... 10.3%
Emergency Room Care ............ 16.4%
Chronic Disease Care ............. 19.3%
Mental Health Care ............... 22.7%
Birth Control Care ................. 23.7%
Urgent Clinic Care ................. 37.7%
Acute Care .......................... 42.7%
Annual Physical ..................... 63.6%
Dental Care ......................... 79.7%
Filling a Prescription ............... 89.5%
Getting a Flu Shot ................... 92.8%

Influences on Personal Health
Access to health insurance coverage
Makes it easier to be healthy ...... 81.7%
 Doesn’t influence my health...... 16.1%
 Makes it harder to be healthy ..... 2.2%

Availability of transportation
Makes it easier to be healthy .... 61.3%
 Doesn’t influence my health...... 37.8%
 Makes it harder to be healthy ..... 0.9%

Ease of scheduling a healthcare appointment
Makes it easier to be healthy ...... 75.2%
 Doesn’t influence my health...... 15.7%
 Makes it harder to be healthy ..... 9.1%

Access to churches and faith-based organizations
Makes it easier to be healthy ...... 40.5%
 Doesn’t influence my health...... 59.0%
 Makes it harder to be healthy ..... 0.4%

Access to doctors or other providers in my community
Makes it easier to be healthy ...... 81.3%
 Doesn’t influence my health...... 17.4%
 Makes it harder to be healthy ..... 1.3%

Availability of fresh fruits and vegetables
Makes it easier to be healthy ...... 78.7%
 Doesn’t influence my health...... 17.8%
 Makes it harder to be healthy ..... 3.5%

Access to workplace wellness programs
Makes it easier to be healthy ...... 70.6%
 Doesn’t influence my health...... 29.0%
 Makes it harder to be healthy ..... 0.4%

Availability of family support services
Makes it easier to be healthy ...... 48.3%
 Doesn’t influence my health...... 49.1%
 Makes it harder to be healthy ..... 2.6%

Cancer Screening
Mammography .......................... 56.1%
Colonoscopy Screening .......... 16.4%
Prostate Cancer Screening ....... 50%
Lung Cancer Screening .......... 2.8%
**Personal Health Behaviors**

**Health Promoting Behaviors**
- Tried to lose weight: 78.5%
- Got 7 or more hours sleep: 69.4%
- Was physically active: 67.4%
- Ate fruits and vegetables with meals: 64.7%
- Ate home cooked meals: 62.5%
- Consumed sugar-sweetened drinks: 33.2%
- Engaged in unprotected sexual behaviors: 14.4%
- Smoked or used tobacco: 13.4%
- Had 2 or more alcoholic drinks: 9.9%
- Used e-cigarette or vape device: 7.2%
- Shared needles with someone: 0.9%

**Health Challenging Behaviors**
- Shared needles with someone: 0.9%
- Used e-cigarettes or vape device: 7.2%
- Had 2 or more alcoholic drinks: 9.9%
- Smoked or used tobacco: 13.4%
- Engaged in unprotected sexual behaviors: 14.4%
- Consumed sugar-sweetened drinks: 33.2%

**Vaccines**
- Routinely receive recommended vaccines: 83.0%
- Past year received vaccine other than flu shot: 19%

**History of Vaccinating Children by Parents**
- Yes (of those with children): 88.8%
- No, due to religious beliefs: 0%
- No, due to cost: 0%
- No, due to lack of insurance: 0.4%

**HPV Vaccine History**
- Have received for self: 13.7%
- Have had for my son: 15.8%
- Have had for my daughter: 6.4%
- Have had for someone else in family: 3.4%
- Never received for self or other: 60.7%

**Tobacco**

**Tobacco Use This Past Year**
- Yes: 18.8%
- No: 81.2%

The below percentages reflective of individuals that answered “Yes” to Tobacco Use.

**Tobacco Use Patterns**
- Rarely, mostly in social settings: 25.0%
- A few times per month: 2.3%
- A few times per week: 8.2%
- Daily: 54.4%

**Quit Considerations**
- I am not considering quitting: 22.73%
- I am somewhat considering quitting: 27.7%
- I am seriously considering quitting: 20.45%
- I have already quit using: 29.55%

**Knowledge of Cessation Resources**
- I would know where to go for help: 68.2%
- I would not know where to get help: 6.8%
- It doesn’t apply to me: 25.0%

**E-Device**

**E-Device Use this past year**
- Yes: 7.8%
- No: 92.2%

**E-Device Quit Considerations**
- Rarely, mostly in social settings: 66.7%
- A few times per week: 11.1%
- Daily: 22.2%

**E-Device Characteristics**
- I use an e-device in addition to cigarettes or cigars: 11.1%
- I use an e-device instead of cigarettes or cigars: 50%
- I use an e-device as a novelty: 27.78%
- I use an e-device for marijuana: 11.11%

**Cultural Experiences in Healthcare**

I have been able to talk with providers and staff in the language with which I am most comfortable
- Never or seldom: 6.5%
- Sometimes, often or always: 93.5%

I have felt discriminated against by providers or staff because of my race, ethnicity, or culture
- Never or seldom: 98.7%
- Sometimes, often or always: 1.3%

I have had negative experiences with providers or staff that have cause me to lose trust in the health system
- Never or seldom: 80.4%
- Sometimes, often or always: 19.6%

Health providers have communicated with me in a respectful and clear manner
- Never or seldom: 10.3%
- Sometimes, often or always: 89.7%

I have felt discriminated against by providers or staff because of my medical condition
- Never or seldom: 92.7%
- Sometimes, often or always: 7.3%

I have felt discriminated against by providers or staff because of my lifestyle
- Never or seldom: 97.4%
- Sometimes, often or always: 2.6%

I have felt discriminated against by providers or staff because of my age
- Never or seldom: 91.7%
- Sometimes, often or always: 8.3%

I have felt discriminated against by providers or staff because of my gender
- Never or seldom: 94.8%
- Sometimes, often or always: 5.2%
### Social Determinant Measures

<table>
<thead>
<tr>
<th>Measure</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>I worry about my utilities being turned off for nonpayment</td>
<td>3.9%</td>
</tr>
<tr>
<td>I worry about being able to pay my rent or mortgage</td>
<td>4.4%</td>
</tr>
<tr>
<td>I am satisfied with my level of education</td>
<td>59.4%</td>
</tr>
<tr>
<td>I would describe myself as being involved in the community</td>
<td>36.1%</td>
</tr>
<tr>
<td>I vote when there is an election in my town</td>
<td>78.3%</td>
</tr>
<tr>
<td>I would describe my neighborhood's environment as healthy</td>
<td>50.6%</td>
</tr>
<tr>
<td>I feel satisfied with the place where I live</td>
<td>86.5%</td>
</tr>
<tr>
<td>I spend time with friends and others outside of work</td>
<td>65.7%</td>
</tr>
<tr>
<td>I have access to safe and reliable transportation</td>
<td>97%</td>
</tr>
<tr>
<td>I would describe those around me as healthy</td>
<td>83%</td>
</tr>
<tr>
<td>I feel satisfied with my opportunities for work</td>
<td>74.4%</td>
</tr>
</tbody>
</table>

### How I Rate My Community’s Health Status

- **Excellent**: 2.7%
- **Very Good**: 12.0%
- **Good**: 4.4%
- **Average/Fair**: 32.3%
- **Poor**: 39.4%
- **Terrible**: 9.3%

### Health Issues In My Community

#### Injuries and Accidents
- A major challenge: 14.7%
- A challenge but not critical: 64.7%
- Not a challenge: 20.6%

#### Safety
- A major challenge: 18.1%
- A challenge but not critical: 57.5%
- Not a challenge: 24.3%

#### Access to Health Care
- A major challenge: 20.8%
- A challenge but not critical: 61.5%
- Not a challenge: 17.7%

#### Violence, Trauma, Abuse
- A major challenge: 28%
- A challenge but not critical: 56.4%
- Not a challenge: 15.6%

### Basic Needs Like Food, Shelter, Transportation

<table>
<thead>
<tr>
<th>Issue</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A major challenge</td>
<td>29.7%</td>
</tr>
<tr>
<td>A Challenge But Not Critical</td>
<td>55.7%</td>
</tr>
<tr>
<td>Not a challenge</td>
<td>14.6%</td>
</tr>
</tbody>
</table>

### Cancer

<table>
<thead>
<tr>
<th>Issue</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A major challenge</td>
<td>39.4%</td>
</tr>
<tr>
<td>A challenge but not critical</td>
<td>54.3%</td>
</tr>
<tr>
<td>Not a challenge</td>
<td>6.3%</td>
</tr>
</tbody>
</table>

### Lack of Physical Activity

<table>
<thead>
<tr>
<th>Issue</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A major challenge</td>
<td>49.4%</td>
</tr>
<tr>
<td>A challenge but not critical</td>
<td>42.5%</td>
</tr>
<tr>
<td>Not a challenge</td>
<td>8.1%</td>
</tr>
</tbody>
</table>

### Chronic Diseases

<table>
<thead>
<tr>
<th>Issue</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A major challenge</td>
<td>54.8%</td>
</tr>
<tr>
<td>A challenge but not critical</td>
<td>34.2%</td>
</tr>
<tr>
<td>Not a challenge</td>
<td>11.0%</td>
</tr>
</tbody>
</table>

### Mental and Behavioral Health

<table>
<thead>
<tr>
<th>Issue</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A major challenge</td>
<td>62.1%</td>
</tr>
<tr>
<td>A challenge but not critical</td>
<td>33.5%</td>
</tr>
<tr>
<td>Not a challenge</td>
<td>4.4%</td>
</tr>
</tbody>
</table>

### Obesity

<table>
<thead>
<tr>
<th>Issue</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A major challenge</td>
<td>65%</td>
</tr>
<tr>
<td>A challenge but not critical</td>
<td>30.4%</td>
</tr>
<tr>
<td>Not a challenge</td>
<td>4.6%</td>
</tr>
</tbody>
</table>

### Substance Use or Misuse

<table>
<thead>
<tr>
<th>Issue</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A major challenge</td>
<td>69.1%</td>
</tr>
<tr>
<td>A challenge but not critical</td>
<td>23.8%</td>
</tr>
<tr>
<td>Not a challenge</td>
<td>7.1%</td>
</tr>
</tbody>
</table>

### Community Resource Needs

#### Tobacco Use Prevention
- Very important: 65.6%
- Somewhat important: 29.5%
- Not very important: 1.8%
- Not important: 3.1%

#### Chronic Disease Education and Management
- Very important: 72.3%
- Somewhat important: 23.7%
- Not very important: 1.8%
- Not important: 2.2%

#### Disaster and Emergency Preparedness/Response
- Very important: 72.6%
- Somewhat important: 23.5%
- Not very important: 1.8%
- Not important: 2.2%

#### Cancer Prevention Programs
- Very important: 74.1%
- Somewhat important: 24.1%
- Not very important: 0%
- Not important: 1.8%

### Access to Safe and Healthy Foods

- Very important: 77.2%
- Somewhat important: 16.5%

### Services for Homeless

- Very important: 79.9%
- Somewhat important: 16.5%
- Not very important: 1.3%
- Not important: 2.2%

### Affordable Housing

- Very important: 80.4%
- Somewhat important: 15.2%
- Not very important: 1.8%
- Not important: 2.7%

### Services for Aging Communities

- Very important: 82.7%
- Somewhat important: 14.6%
- Not very important: 0.4%
- Not important: 2.2%

### Drug Use or Addiction Services

- Very important: 85.3%
- Somewhat important: 10.2%
- Not very important: 1.8%
- Not important: 2.7%

### Available and Accessible Mental Health Care

- Very important: 89.2%
- Somewhat important: 7.2%
- Not very important: 1.8%
- Not important: 1.8%

### Access to Health Care

- Very important: 94.2%
- Somewhat important: 4.0%
- Not very important: 0.9%
- Not important: 0.9%
Purpose

The purpose of the assessment was to better understand the unique perspectives of Clark Memorial Health’s service communities related to health behaviors, health outcomes, and perceived health and resource needs, with attention to the social, structural, and other community characteristics that influence health, particularly those related to Clark Memorial Health’s cancer program.

Partners

Clark Memorial Health
Measures Matter, LLC (Palm Springs, California)
School of Public Health, Indiana University (Bloomington, Indiana)

Methods

Sample: Individuals residing in Clark County and adjacent counties in the Clark Memorial Health service area.

Design and Data Collection:
- Data were collected online using a cross-sectional design.
- E-mail messages were distributed to key stakeholders in the Clark Memorial Health’s service area asking them to share the opportunity with their program participants and constituents inviting to participate in the survey and web-banners announcing the survey were placed on the program websites of Clark Memorial Health.
- Data collection was further enhanced by purposive sampling of those participating in community-oriented health events; at those events participants were invited to complete the survey in paperbased form.
- Data were collected between September 2019 and November 2019.
- Participants were provided the opportunity to enter a drawing to win one of 25 $5 gift cards to a national retailer. Those who entered the drawing provided their e-mail address or phone number; those identifying information were collected separately from the survey data and not linked to any survey findings.
- All data were collected anonymously.

Survey Design
- The survey was designed by the researchers in collaboration with Clark Memorial Health.
- A construct-driven approach was used to identify the key constructs related to community health and to identify or develop measures most appropriate for those constructs.
- The survey included 36 questions that reflected 10 key constructs, including:
  - participant and household demographics,
  - perceived personal health,
  - health care engagement history,
  - health care resources,
  - personal health behaviors,
  - vaccine-related behaviors,
  - cancer-screening behaviors,
  - tobacco use behaviors,
  - social determinants of health, and
  - perceived community health status and need.

Data Analysis: Analyses were independently conducted by Measures Matter, LLC and data summaries were provided to Clark Memorial Health.

Participants: A total of 240 individuals completed the survey. The majority of those (83.3%) identified their county of residence as Clark County and the remaining 16.7% identified their county of residence as being one of the counties adjacent to Clark County.