Expanding CenteringPregnancy® to support healthy outcomes

Exchange of Non-Traditional Interventions and Practices
Mahoning County, OH
Demographics

- Population
  - 229,642
- Race
  - 16% - Black
  - 80% - White
  - 4% - Other
- Ethnicity
  - 6% - Hispanic/Latino
- Income (avg/household)
  - $43,000
- Poverty
  - 18%

https://www.census.gov/quickfacts/table/HSG445215/39099
# Poverty

<table>
<thead>
<tr>
<th>Category</th>
<th>Mahoning County</th>
<th>Ohio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population in poverty in 2018</td>
<td>18.1%</td>
<td>15.4%</td>
</tr>
<tr>
<td>&lt;125% FPL</td>
<td>23.0%</td>
<td>19.9%</td>
</tr>
<tr>
<td>&lt;150% FPL</td>
<td>28.2%</td>
<td>24.3%</td>
</tr>
<tr>
<td>&lt;200% FPL</td>
<td>38.5%</td>
<td>33.3%</td>
</tr>
<tr>
<td>Population in poverty in 2001</td>
<td>12.7%</td>
<td>10.3%</td>
</tr>
</tbody>
</table>

# Unemployment (April 2019)

<table>
<thead>
<tr>
<th>Mahoning County</th>
<th>Ohio</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.9</td>
<td>3.3</td>
</tr>
</tbody>
</table>

(Source: Ohio Department of Job and Family Services, Office of Workforce Development, Bureau of Labor Market Information, 2019)
Demographics-Youngstown

- Population
  - 65,000

- Race
  - 43% - Black
  - 50% - White
  - 7% - Other

- Ethnicity
  - 11% - Hispanic/Latino

- Income
  - $26,000

- Poverty
  - 37%

https://www.census.gov/quickfacts/table/HSG445215/3988000,39099
Outcomes
Maternal Child Health

Across all live births 2013-2017

- 10-11% low birth weight
- 11-13% premature births

Across all live births by race 2013-2017

- % Low birth weight
  White 8% - African American 16%

(Source: ODH Information Warehouse)
Outcomes
Infant Mortality

2013-2017 Mahoning County Infant Mortality Rates by Race*

Rate per 1,000 Live Births

White: 4.7
Black: 16.4

(Sources for graph: 1) ODH, Ohio Public Health Data Warehouse, Mortality, Number of Infant Resident Deaths in Ohio Counties by Year, 2) ODH, Ohio Public Health Data Warehouse, Ohio Resident Live Births, Resident Live Births by County of Residence, updated 4/23/2019)
2018* – Disparity in Mahoning County Birth Outcomes

<table>
<thead>
<tr>
<th>Category</th>
<th>White</th>
<th>Black</th>
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</thead>
<tbody>
<tr>
<td>Premature</td>
<td>10.9</td>
<td>20.1</td>
</tr>
<tr>
<td>LBW</td>
<td>8.7</td>
<td>20.9</td>
</tr>
<tr>
<td>IMR*</td>
<td>1.9</td>
<td>14.7</td>
</tr>
</tbody>
</table>

(Ohio Department of Health, 2017)
Quality of life

• 29% overall life limited due to physical, mental or emotional problem (21% Ohio)

• 52% limited by same conditions when income <$25,000

• 30% of African American sad/angry/frustrated by treatment due to race (9% overall)
Thinking outside the box!

CenteringPregnancy®
Group Prenatal Care

**Health Assessment**
- Provider/patient involvement
- One on one time
- Self-care

**Interactive Learning**
- Facilitated discussions
- Engaging activities
- Self-efficacy

**Community Building**
- Support systems
- Stress reduction
- Relationship building

https://www.centeringhealthcare.org/what-we-do
Identified Needs

Placed-based care

- Limited transportation
- Few providers in at-risk neighborhoods

Chronic conditions

- FIMR recommendations
- Community assessment
“There are many barriers for our area’s residents with being able to receive medical care in our community. One of the biggest is transportation as well as physical locations in our most high risk areas.... The southside of Youngstown is one of our area’s highest risk communities for infant mortality. This site allows better access for the women that we serve.”

Sara McNicholas, LSW
CenteringPregnancy® Coordinator
Mercy Health Youngstown Women’s Center
Finding Opportunities
Addressing Chronic Conditions

Chronic Illness Centering includes:

- Nutritionist
- Exercise Physiologist
- Tobacco Cessation

Not included in traditional CP model!

The only one in the country!
Additional incentives

- Post graduation support groups
- Mobile dental van reservations for moms
- Safety training and items
Partnering with community agencies

Community Health Workers
Frontline public health workers

CHWs

• advocate
• assist
• support
• certified

Ohio Revised Code 4723
codes.ohio.gov/orc/4723
CHW as care coordinators in Mahoning County!

Outreach
5 agencies

Connect
15 CHWs
fatherhood focused

Engage
Questions?

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