

SPECTRUM HEALTH



2019 Community Health Needs Assessment: *Abstract*

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Methodology

- ❖ September 1, 2018 to May 30, 2019 (9 months)
- ❖ Primary
 - ❖ Data collected & analyzed - Survey, Interviews, Photovoice
 - ❖ N ~ 2,000
- ❖ Secondary
 - ❖ Literature & document reviews
 - ❖ Datasets

Key Findings: Death Rates, Life Expectancy

❖ **Mortality (age-adjusted) Rate**

- ❖ Berrien: 815.6/100,000
- ❖ Michigan: 795.1
- ❖ United States: 728.8

❖ **Life Expectancy**

- ❖ Berrien: 77.3 years
- ❖ Michigan: 78.1 years
- ❖ United States: 78.6 years

Key Findings: Disparities

❖ **Geographic Disparities:**

- ❖ Benton Heights has a mortality rate three times higher than Shoreham.
- ❖ Life expectancy in Benton Harbor is 19 years shorter than in Lincoln Township.

❖ **Racial Disparities:**

- ❖ The black/white death rate disparity is 32.5%. The premature death rate disparity is 66.4%.
- ❖ The death rate disparity is highest (doubled) between the ages of 35 & 64 (i.e., peak wage-earning years).

Key Findings: Top Causes of Death

❖ **Top Three:**

- ❖ Heart Disease
- ❖ Cancer
- ❖ Cerebrovascular Diseases

❖ **Rounding Out the Top:**

- ❖ Accidents
- ❖ Diabetes
- ❖ Chronic Lower Respiratory
- ❖ Alzheimer's

Key Findings: Priority Health Needs

❖ Mental Health & Obesity

- ❖ The community overwhelmingly points to ***Social Determinants of Health*** (SDoH) when discussing the factors most influential in shaping their health.
 - ❖ Food Environment
 - ❖ Physical Environment
 - ❖ Recreational Environment
 - ❖ Social Cohesion
 - ❖ Spiritual & Religious Practices
 - ❖ (Healthcare Resources)

What's New? Our Methods

❖ **Primary – Qualtrics software**

- ❖ Added a question to the survey about how people deal with stress.
- ❖ Conducted more in-depth analysis of the qualitative data.
- ❖ Reached 60%+ more people 1,900+ (vs. 1,200) & a more diverse survey population.

❖ **Secondary – Detailed description/analysis of 12 key SDoH & implications for health equity.**

- ❖ More sophisticated quantitative analyses.
 - ❖ Death rate disparities.
 - ❖ Hispanic death rates.
 - ❖ Census tract level data for life expectancy.
- ❖ Data visualizations (i.e., map overlays, pie charts, scatterplots).

What's Surprising?

- ❖ **Death Gap:** 19 years between Benton Harbor & Lincoln Township.
- ❖ **Priority Health Needs:** There is a disconnect between what the community says are priority health needs (i.e., mental health & obesity) & what is indicated in publicly available data (i.e., CDC indicates that the top five causes of death in Berrien were heart disease, cancer, cerebrovascular, diabetes, Alzheimer's & accidents).
 - ❖ The distribution of these causes of death across sex & race.
- ❖ **Key SDoH:** There is a disconnect between the SDoH that we thought were important (i.e., transportation, housing, jobs, education) & what emerged from the survey responses (i.e., food, recreational & physical environments; social cohesion, spiritual resources, & healthcare resources).

Next Steps

- ❖ **Winter 2020** – Full document with detailed analyses & findings.
- ❖ **Spring 2020** – Implementation Strategy
 - ❖ Investigate critical associations to determine potential levers – and collaborators for population health improvement.