2019
Community Health Needs Assessment:
Abstract

Spectrum Health Lakeland
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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.