The Illinois Project for Local Assessment of Needs (IPLAN 2014) conducted by the Champaign Urbana Public Health District (CUPHD) and community partners identified **OBESITY** as one of the leading four priority health concerns.

The effects of socioeconomic & built-environment factors on overweight & obesity prevalence in Champaign County

**SOCIOECONOMIC FACTORS**

- **POSITIVE CORRELATION**
  - **RACE**
    - At-risk, high % of African American population within the Census Tracts
  - **INCOME**
    - Shrinking gap between income and overweight/obesity prevalence
- **NO CORRELATION**
  - **POVERTY**
    - High poverty rate (> 15.8% National average-2013)
  - **EDUCATION**
    - Both-low as well as high-education groups are impacted by overweight/obesity prevalence
  - **SNAP**
    - No distinct correlation between SNAP reciprocity and overweight/obesity prevalence in these tracts

**BUILT-ENVIRONMENT FACTORS**

- **NO CORRELATION**
  - **POPULATION DENSITY**
    - No definite pattern of spatial distribution of population density
  - **LAND-USE MIX**
    - Land-use mix index, in these tracts, masks important qualitative differences
- **POSITIVE CORRELATION**
  - **STREET CONNECTIVITY**
    - None of the Tracts have optimum street connectivity-link-node ratio score of 1.4 for walkability
  - **PARK ACCESSIBILITY**
    - Good park accessibility is impeded by disparity in park distribution
  - **TRANSIT CONNECTIVITY**
    - A well-connected transit system could be a contributing factor in alleviating overweight/obesity prevalence
  - **GROCERY STORE ACCESSIBILITY**
    - 74.4% of the total “overweight and obese” CUPHD clients have moderate to no accessibility to grocery stores
  - **BIKE PATHS, TRAILS & SIDEWALKS**
    - Lack of designated bike paths, trails and sidewalks
  - **CRIME PREVALENCE**
    - A crime rate of 34.86% suggests unsafe neighborhood conditions

**Reduced Life Expectancy**

- **FAILURE**
  - Certain **CANCERS**
  - **HIGH BP** 140/90 and above
- **HIGH BP** 140/90 and above

**Overweight & Obesity**

- **National, State and Local Trends**
  - **United States**
  - **Illinois**
  - **Champaign County, IL**

**Obesity Prevalence**

- **Prevalence 2004**
- **Prevalence 2010**

**At-risk, high % of African American population within the Census Tracts**

- Source: Champaign - Urbana Public Health District’s Health Database -2014, U.S Census Bureau Tiger Files