For this study, 2019 public census-tract level data from City Health Dashboard, American Community Survey and United States Department of Agriculture Economic Research Service is being used.

Variables: Food Access Research Atlas (USDA ERS), Demographics (ACS) and Frequent Mental Distress (City Health Dashboard)

Visualization of community needs: three different maps will be created of unincorporated Miami-Dade County.

1. Map of food insecurity in MDC within ½-1 mile radius from program parks
2. Map of MH outcomes in MDC within ½-1 mile radius from program parks
3. Map of estimate within ½-1 mile radius from program parks

• Over the past two years, the global prevalence of food insecurity has exponentially increased.
• Food insecurity is recognized as a major public health crisis and negatively impacts health.

Study aims:
1. Estimate association between food insecurity (FI) and mental health outcomes (MH) among adults living in Miami-Dade County, FL, USA
2. To understand food security and mental health needs in Miami-Dade County (MDC) program parks through geospatial analysis.

Why Parks?
• Parks play an important role in promoting and improving physical activity and health outcomes in communities.
• To help better inform programs and allocation of resources.
• Ultimately, to help reduce health disparities and foster a healthier Miami-Dade County.

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Scan to view a walking community assessment around two MDC program parks incorporating photovoice and StoryMaps