TECHNICAL DOCUMENTATION AND INSTRUCTIONS FOR USE
Community Health Project
October 2017

Overview

The Community Health Project visualizes neighborhood-level health data to promote more data-driven community development and health solutions for the City of Miami Gardens and Little Havana. Developed by University of Miami (UM)'s Office of Civic and Community Engagement (CCE) in collaboration with the UM Center for Computational Science, with support from the Health Foundation of South Florida, the platform enables community groups, service providers, and planners to map various community-level social determinants of health, including healthcare access, housing conditions, and public safety information. The Community Health Project contains over 20 data filters to assist public health and analysis for two of Miami's most significant communities.

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Datasets and Layers

Primary Healthcare

Access to Healthcare Network

- Distribution of Federally Qualified Health Centers. *Source: Miami-Dade County*
- Distribution of Free Standing Clinics. *Source: Miami-Dade County*
- Distribution of School-Based Clinics. *Source: Miami-Dade County*
- Distribution of Hospitals. *Source: Miami-Dade County*
- Distribution of HIV Testing Centers. *Source: Miami-Dade County*
- Distribution of Medically Underserved Areas. *Source: U.S. Health Resources and Services Administration*

Access to Health Insurance

- Percent of adults with insurance at the tract-level. *Source: Census Bureau*

Physical Activity

- Mode of Transportation (walk, bicycle, work from home, etc.) at the tract-level. *Source: US Census*
- Estimated Percent of Adults Reporting to Meet Physical Activity Recommendations in the Past 30 Days in 2013 at the tract-level. *Source: Policymap & CDC BRFSS*
- Potential for Transit-Oriented Development (within ½ mile of Metrorail or SMART Plan route). Source: *Miami-Dade County*

Access to Recreation

- Distribution of County and Municipal Parks in Miami-Dade County (include hours of operation). Source: *Miami-Dade County*

Healthy Eating/Nutrition Measures

- USDA ERS Food Access (low income, low access at .5 and 10 miles. *Source: USDA*
- Access to Recreation and/or Health Facilities (within one mile). *Source: Miami-Dade County*
- Distribution of Farmers' Markets (can filter for markets that accept WIC/SNAP). *Source: USDA*
- Fruits and Vegetable Consumption at the tract-level. *Source: Policymap*

Housing Conditions/Affordability

- Lacking Complete Plumbing Facilities at the tract-level. *Source: US Census*
- Lacking Complete Kitchen Facilities at the tract-level. *Source: US Census*
- 1.01 or More Persons per Room. *Source: US Census*
- Year Structure was Built (1949-1940 and 1930 or earlier) at the tract-level. *Source: US Census*
- Vacant Housing Units at the tract-level. *Source: US Census*
- Combined Housing and Transportation Cost Burden at the tract-level. *Source: Center for Neighborhood Technology*

Historic Preservation

- Distribution of Historically Designated Properties. *Source: City of Miami and Miami-Dade County*
- Distribution of Non-Designated Historic Structures. *Source: City of Miami and Miami-Dade County*

Public Safety and Planning

Land Use

- Parcel-level data for the City of Miami Gardens and Little Havana. *Source: Miami-Dade County*

Public Safety

- Automobile Accidents at the tract-level. *Source: UM Department of Geography and Regional Studies / Miami-Dade County*
- Crime (larceny, homicide, robbery, etc.) data at the tract-level. *Source: UM Department of Geography and Regional Studies / Miami-Dade County*

UM Office of Civic and Community Engagement

Project director
Robin Bachin, Ph.D, Assistant Provost for Civic and Community Engagement

Project managers
Jorge Damian de la Paz, Program Manager

Data collection and processing, & Historic research
Carter Gill, AmeriCorps VISTA, Inclusive Communities Coordinator
Mario Ortiz, AmeriCorps VISTA, Civic Engagement Fellow

Outside Consultant
Adam Reeder, FIU's OSAS-Engineering and Computing, Program Coordinator

UM Center for Computational Science

Technical team manager
Chris Mader - Director, Software Engineering - CCS

Engineering and Full-Stack development
Julio Perez - Sr. Software Engineer

Geocoding
Chance Scott - Research Analyst (GIS Specialist)

Back-end development
Sreeharsha Venkatapuram - Sr. Software Engineer