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.

Disclaimer

The University of Miami furnishes this data as a public service. The University of Miami and all of its trustees, faculty, staff, and administrators assume no liability or responsibility associated with the use or misuse of this data and specifically disclaim any warranties, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Users of this data assume full responsibility for any loss or damages incurred as a result of their use of or reliance on this data and this website. Persons who notice information that is incomplete, incorrect, or out of date are asked to contact the Office of Civic and Community Engagement at civicengagement@miami.edu.

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