

Update on the Hispanic Community Health Study/ Study of Latinos

(HCHS/SOL)



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Study Design

- Multi-center, community based cohort study
- 16,000 US Hispanic/Latino adults (18-74 yrs)
 - 4,000 per field center who self-identify as Hispanic/Latino
 - 62.5% (10,000) aged 45-74 yrs to support inference about disease incidence during follow-up
- Sufficient subgroup sample sizes to support comparisons by Hispanic/Latino background
 - Cubans
 - Central/South Americans
 - Mexicans
 - Puerto Ricans



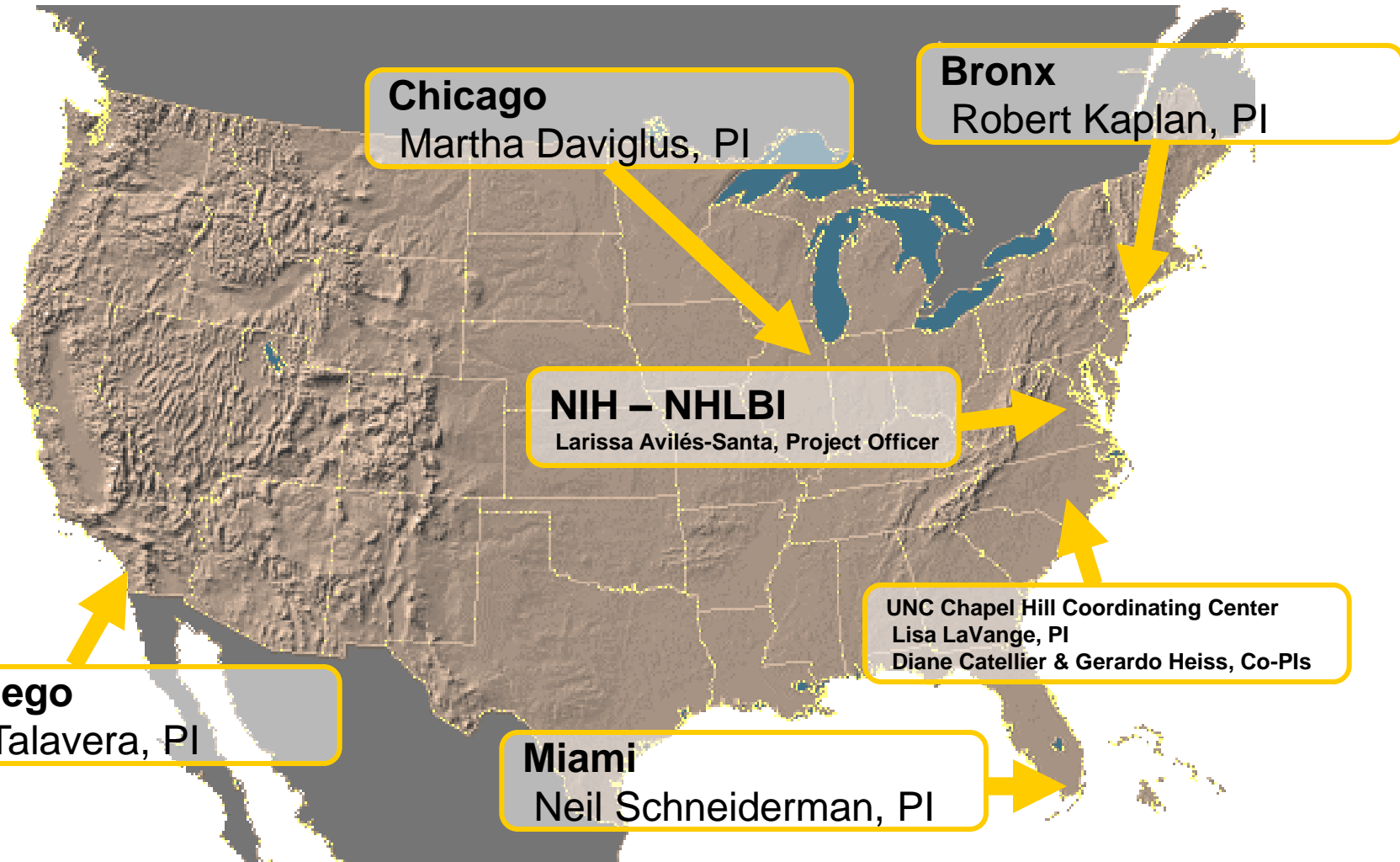
Funding Institutes and Centers

Funded by the National Heart, Lung and Blood Institute (NHLBI) and six other Institutes and Centers from the National Institutes of Health

- National Institute of Diabetes and Digestive and Kidney Diseases
- National Institute of Neurological Disorders and Stroke
- National Institute of Deafness and Other Communication Disorders
- National Institute of Dental and Craniofacial Research
- National Center on Minority Health and Health Disparities
- National Institute of Health-Office of Dietary Supplements



HCHS/SOL Field Centers & Coordinating Center





Study Progress

- 10,176 participants examined as of June 30, 2010
- Recruitment is on target for completion in summer 2011
- 9,840 participants completed a full or core* exam (96.7%)
- 3,578 Year 1 annual follow-up interviews completed to date
- Outcome event ascertainment in process for 419 hospitalizations and emergency department visits
- Outcome event classification and adjudication of endpoints scheduled for fall 2010

*Core exam = Anthropometry, ABI, SBP, ECG, Blood draw, Diet recall, Alcohol use, Economic, Medical Hx, Medication survey, Neurocognitive, Physical Activity, SF-12, Sociocultural, Tobacco Use

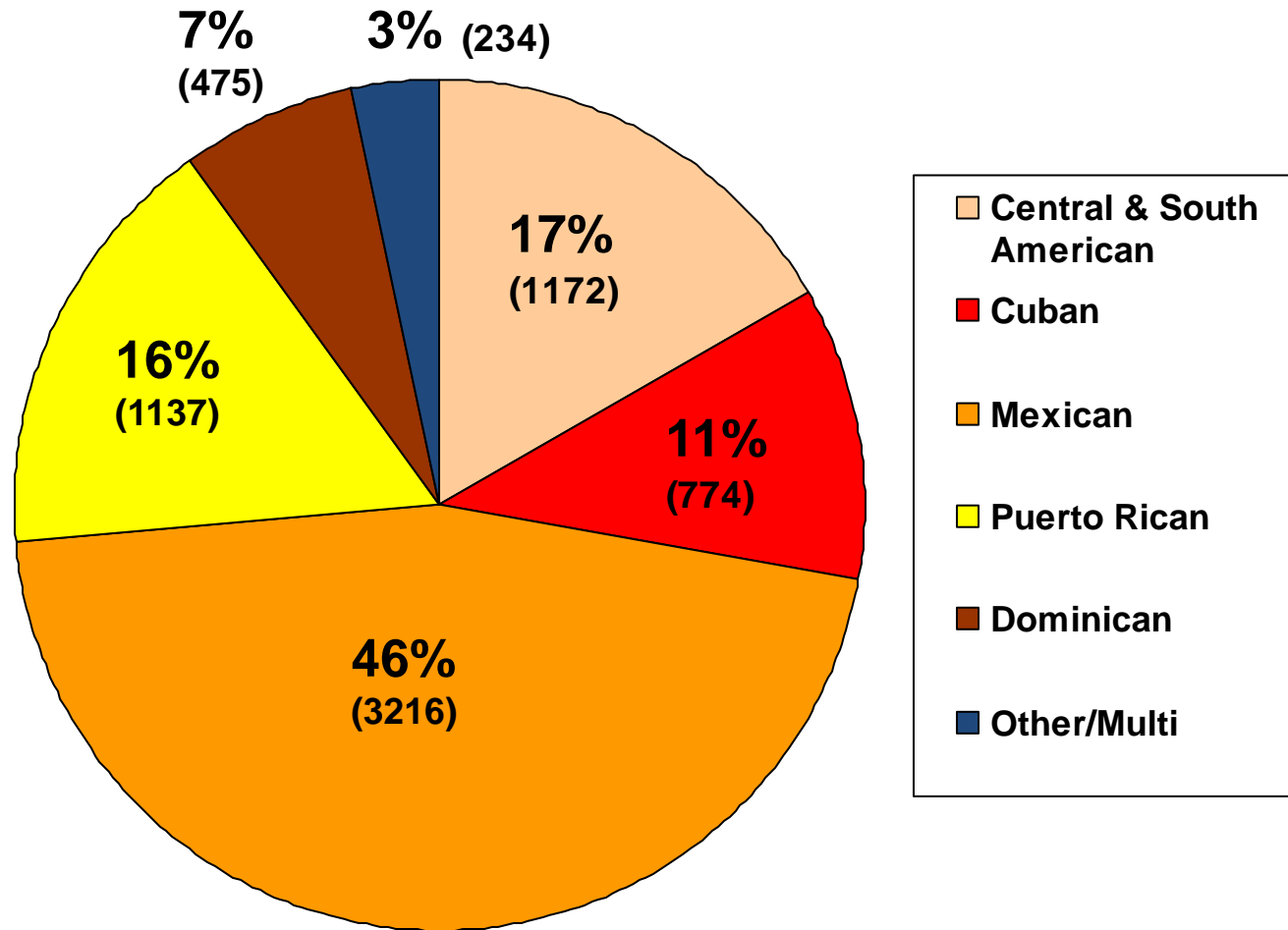


Sample Design

- Target population = Hispanic/Latino adults residing in defined community areas surrounding four field centers in the Bronx, Chicago, Miami, and San Diego
- Diverse participant sample required to be:
 - Representative of the target population
 - Likely to remain engaged during follow-up
- Two-stage area probability sample of households selected for interview
- Stratification and over-sampling used to:
 - Provide diversity with respect to SES
 - Promote efficiencies in field operations
 - Ensure target age distribution



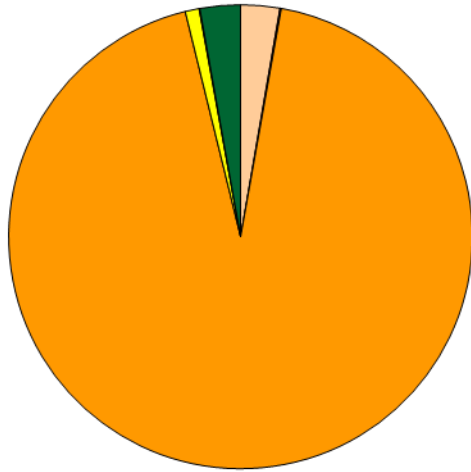
Participants by Background



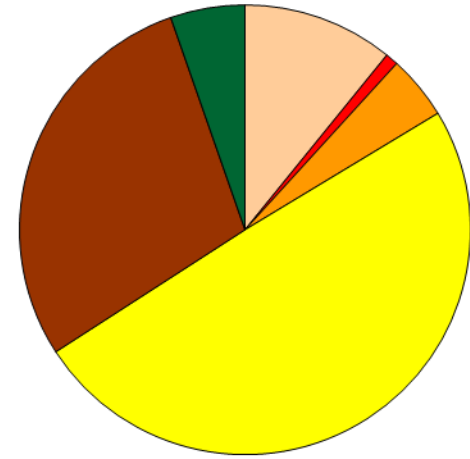


Background by Field Center

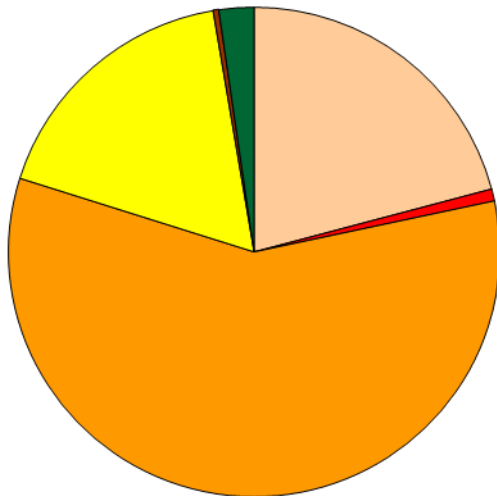
San Diego



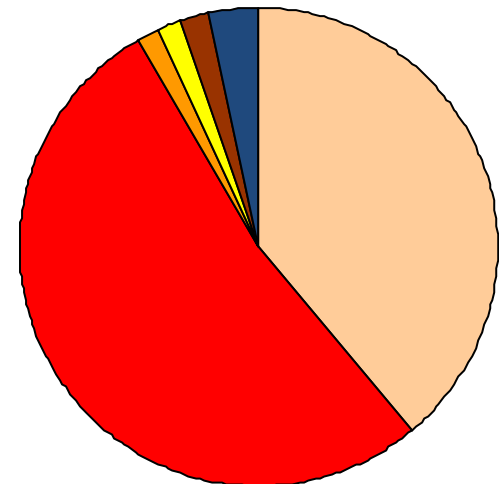
Bronx



Chicago

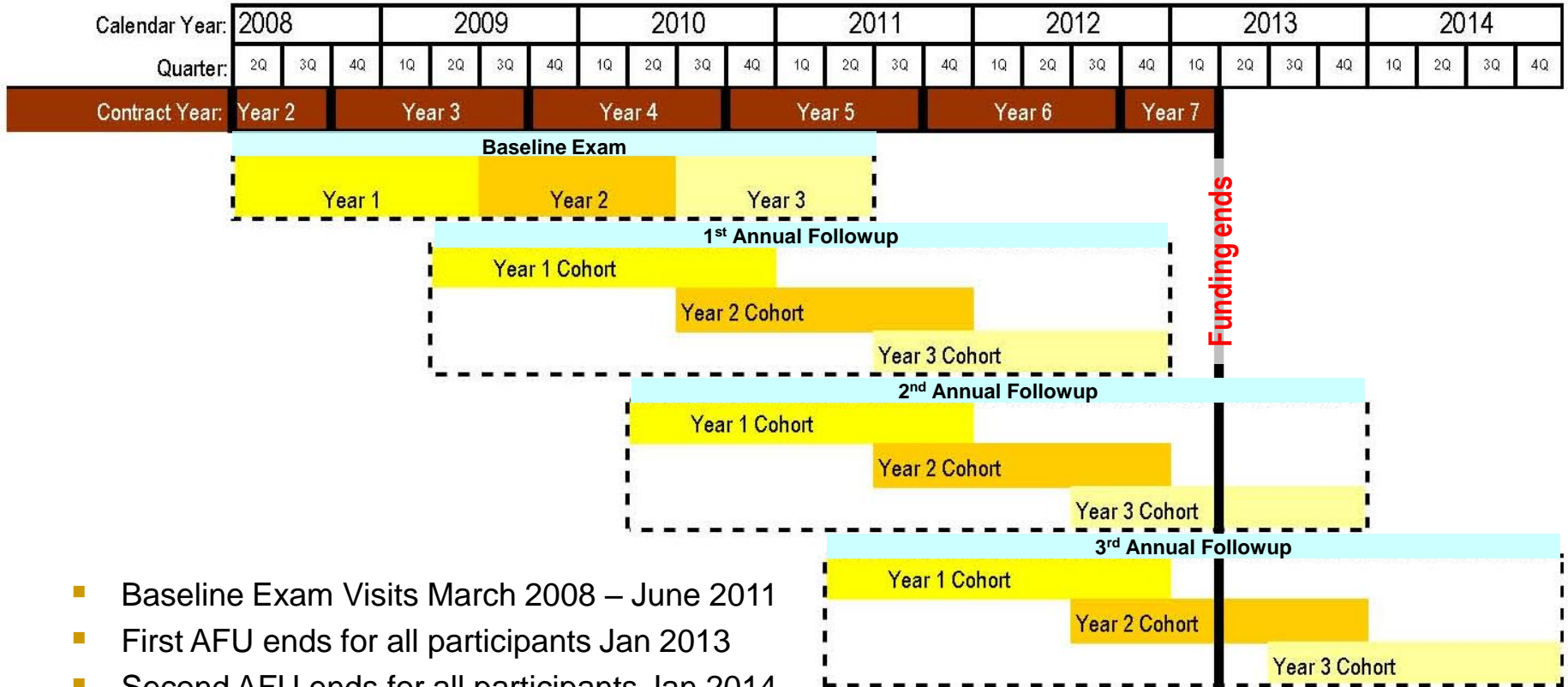


Miami





Study Timeline



- Baseline Exam Visits March 2008 – June 2011
- First AFU ends for all participants Jan 2013
- Second AFU ends for all participants Jan 2014
- Third AFU ends for all participants Jan 2015