



CHIP – Cancer Health Impact Program: Bedford Stuyvesant and Bushwick

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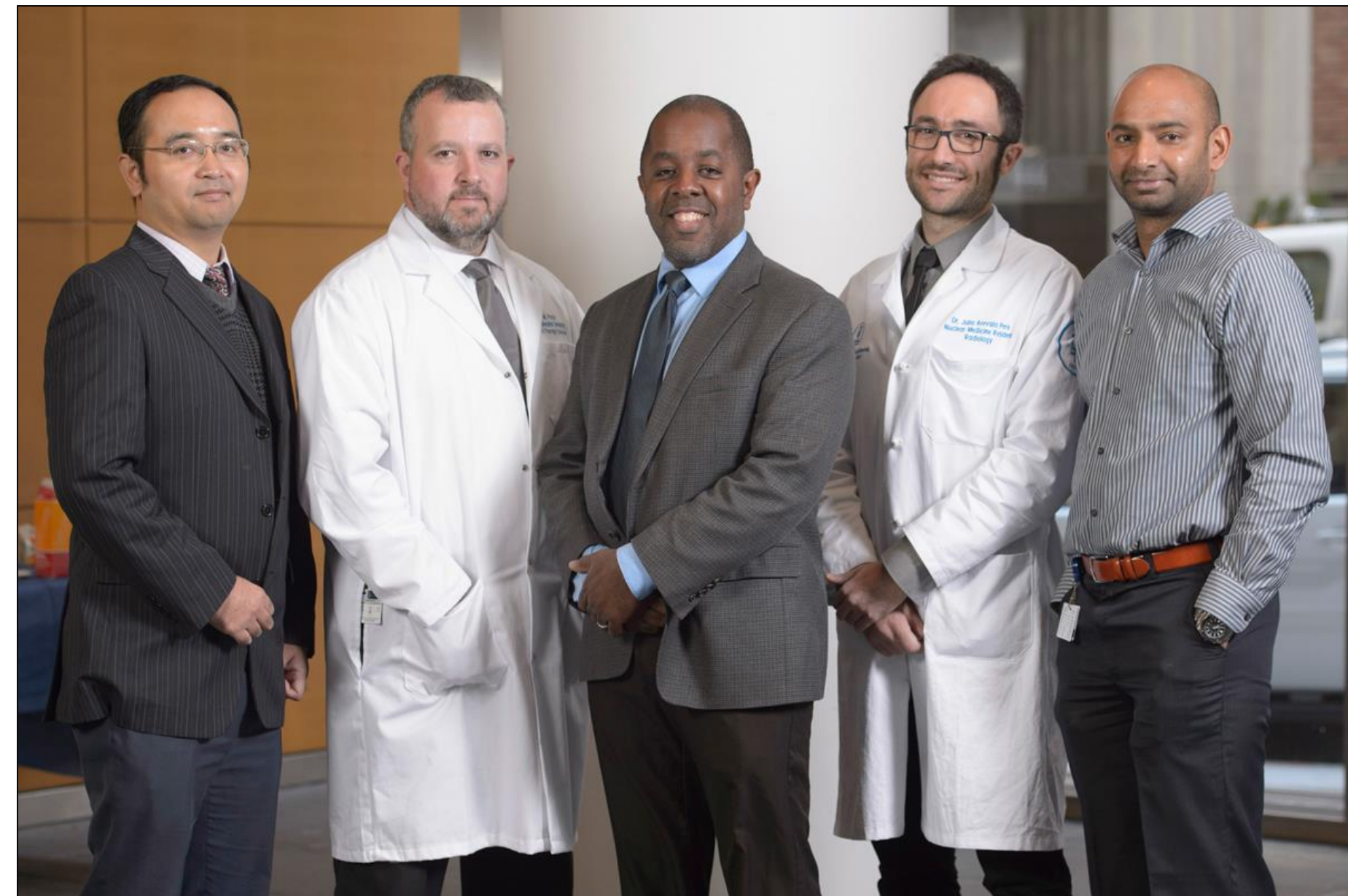
Department of Radiology

The Osborne Laboratory & Cancer Equity Group

February 24th, 2017

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The Osborne Laboratory and
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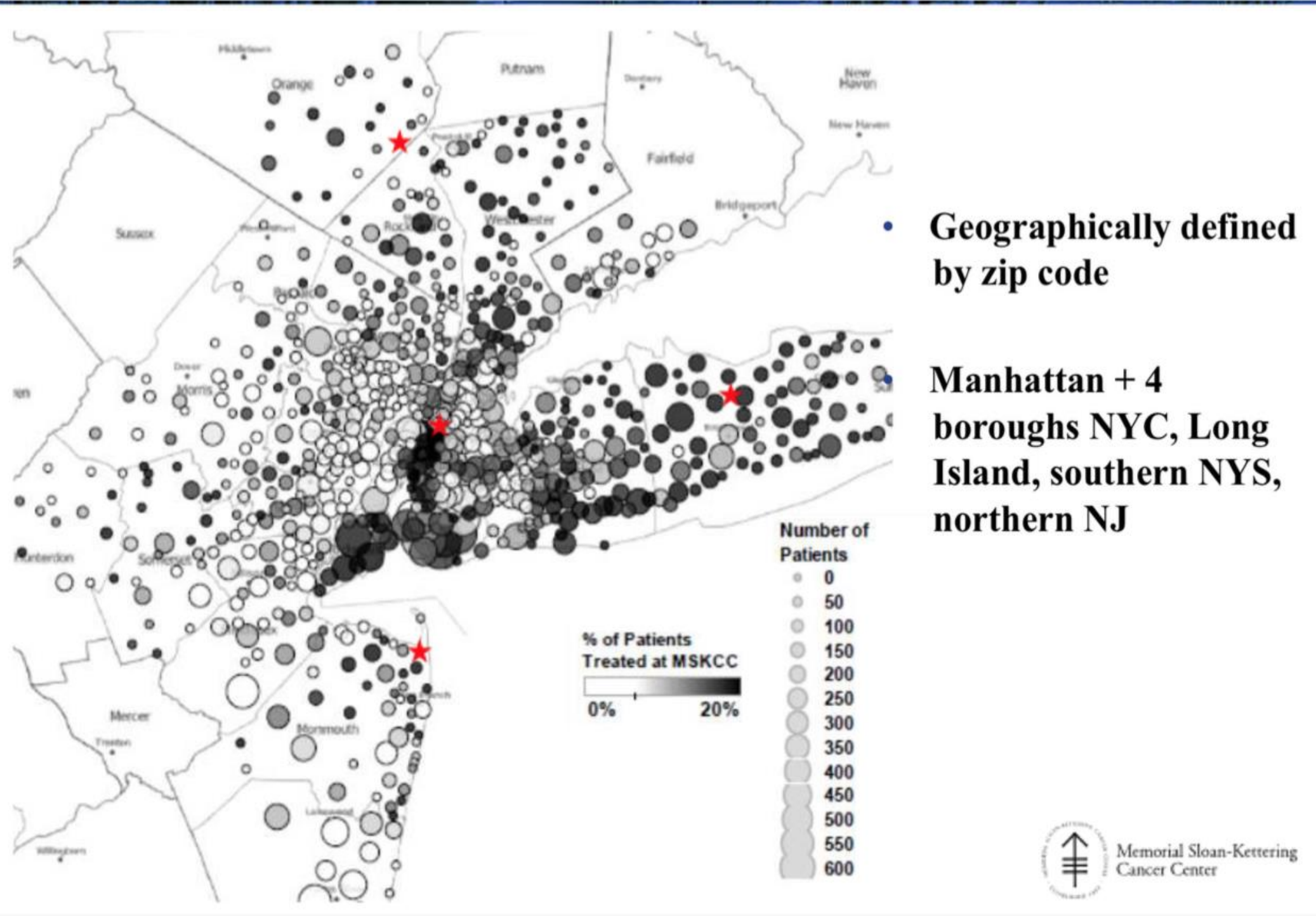
I DO NOT have a financial interest in commercial products or services discussed in this presentation.

Project Team

- **Project Leader – Joseph Osborne, MD, PhD**
- **Co-Project Leaders – Carol Brown, MD and Francesca Gany, MD, MS**
- **Project Team – Rosario Costas-Muniz, PhD, Marlene Camacho Rivera, ScD, MPH, Jason Gonsky, MD, PhD, Manuel Paris, MA (Project Coordinator)**

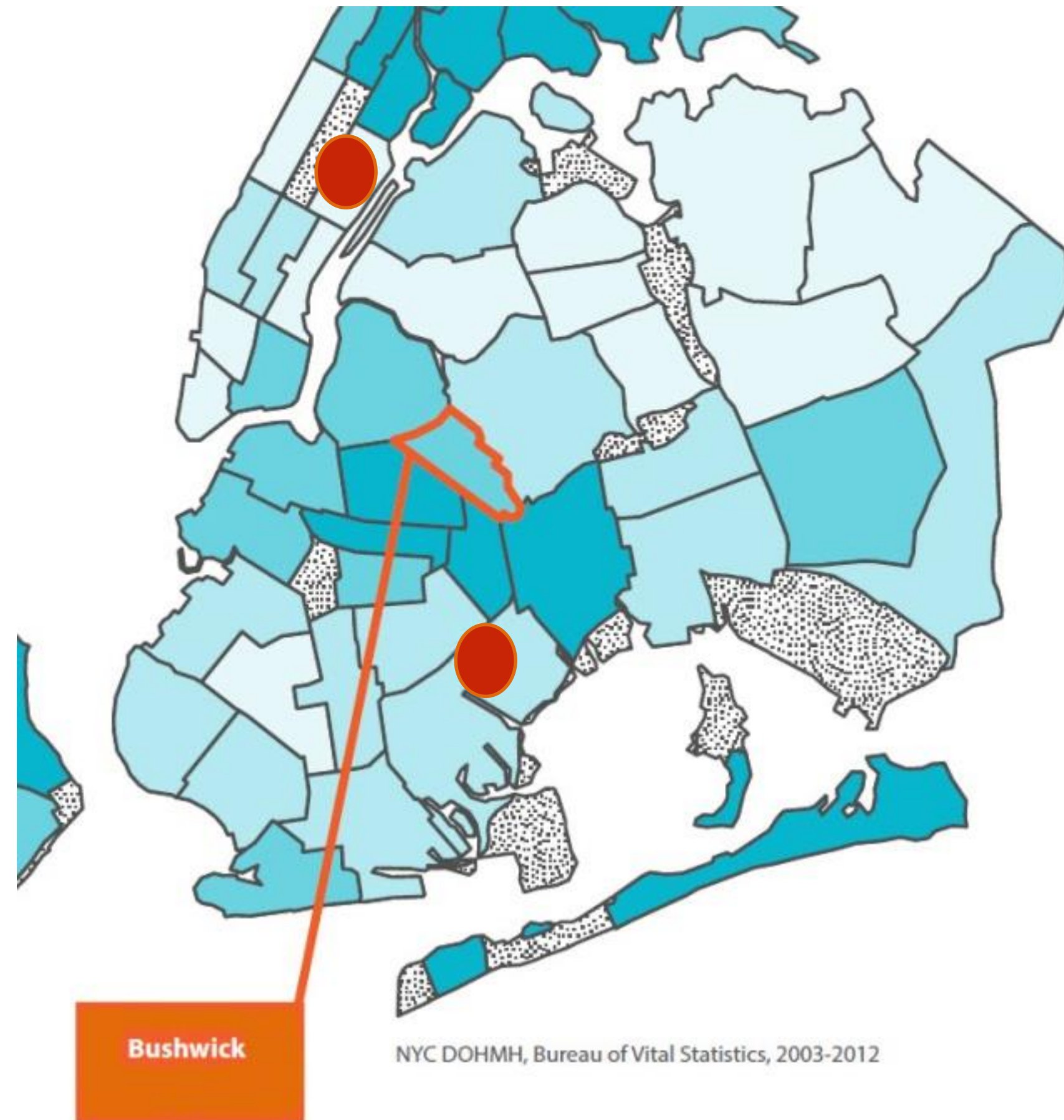
Memorial Sloan Kettering Cancer Center Catchment Area

MSKCC defines its catchment area as the geographic area including all zip codes in which 50 or more patients treated at the Center reside. In addition to Manhattan and the four other boroughs of New York City, the primary catchment area of MSKCC includes portions of Long Island, southern New York State, northern New Jersey, and southwestern Connecticut. MSKCC’s catchment includes 77% of all active patients. 23% MSK patients come from the mid-Atlantic region outside the area depicted, the rest of the US or from other countries. The demographic composition of the cancer population living in the MSKCC catchment area and that of the MSKCC patients is below



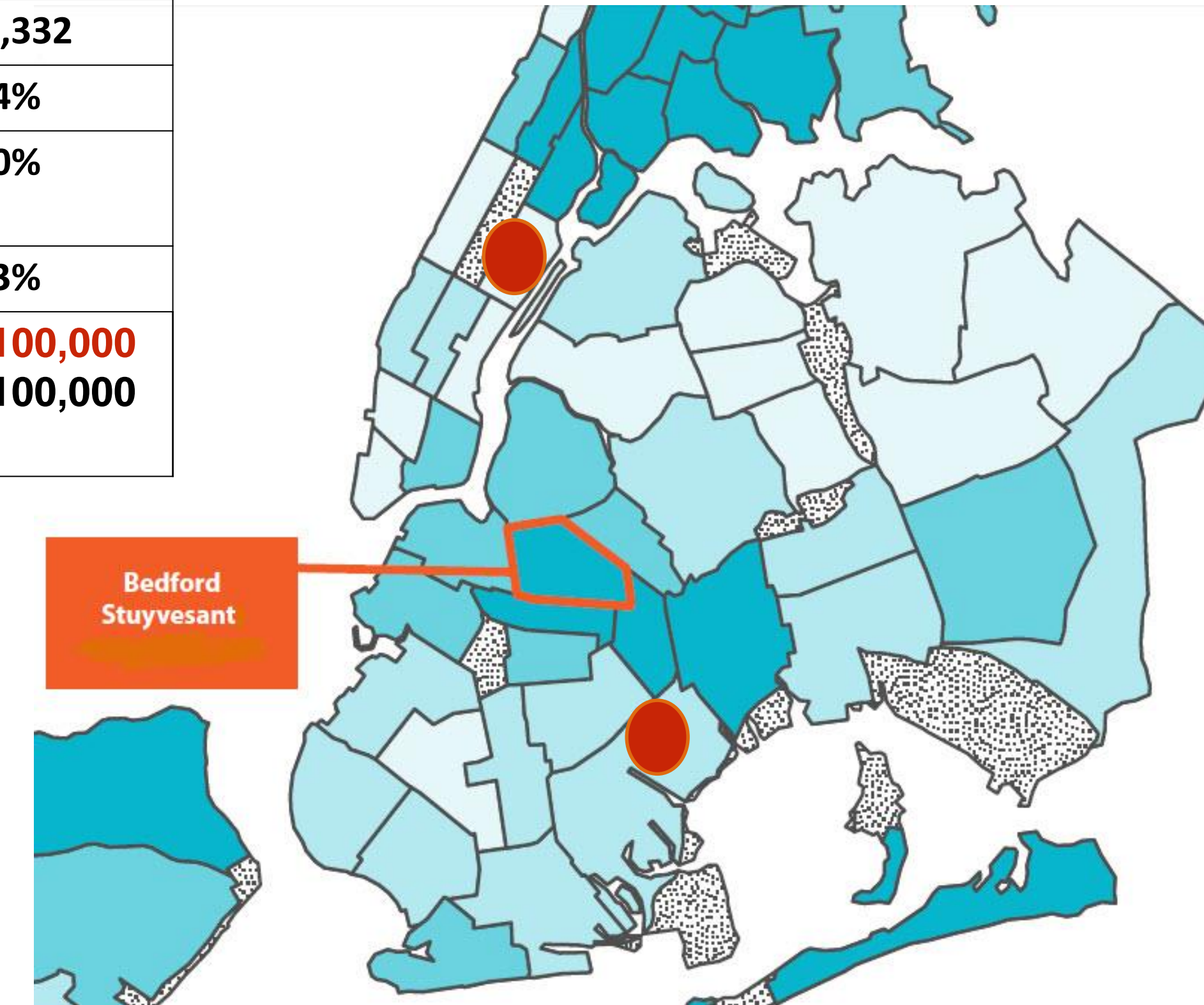
	Catchment Area Cancer Population (%)
Gender	
Male	49.8
Female	50.2
Race	
White	78.4
Black	13.5
Asian/Pacific Islander	7.9
American Indian/Alaskan Native	0.2
Race Other/Unknown	--
Ethnicity	
Hispanic/Latino	9.6
Not Hispanic/Latino	90.4
Ethnicity Other/Unknown	--

Target Catchment Areas



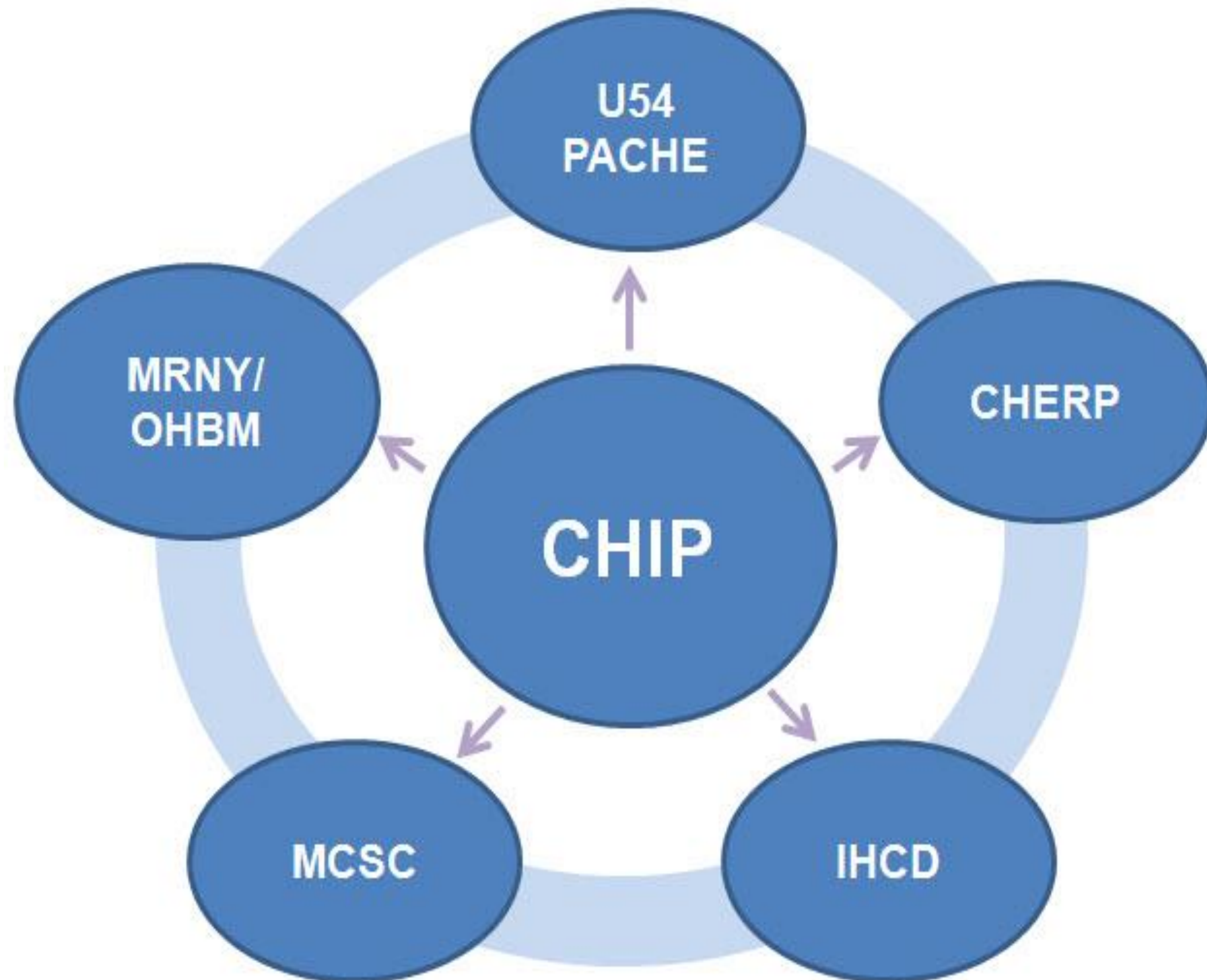
NYC DOHMH, Bureau of Vital Statistics, 2003-2012

	Bushwick	Bedford Stuyvesant
Population Size	114,134	154,332
Percentage of AA	20%	54%
Percentage of Hispanics	65%	20%
Percentage LEP	33%	13%
Death Rate NYC Median	137.6/100,000 156.7/100,000	176.8/100,000 156.7/100,000



MSK IRB approved –1/2017
1000 iPad based surveys

CHIP and community based org



CHIP methods I - Instrument Development.

- Balance between measures working group core items, MSKCC priority areas (e.g. PC and CRC focus, participation in clinical trials) and local community considerations (e.g. presence of comorbidities, individual experiences with cancer and caregiving).
- Short questionnaire (< 40 items), interviewer administered in English and Spanish Currently being pilot tested for content, structure, and ease of use.

CHIP methods II - REDCAP

- REDCAP (Research Electronic Data Capture) interface.
- Our tablet-based database will use REDCAP which is a PHP-based system first developed at Vanderbilt University and now managed and updated through a national consortium that supports the rapid setup of secure, Web-based, study specific database systems and associated forms.
- REDCAP includes a complete suite of HIPAA compliant tools that can be exported to statistical packages as well as being compliant with an audit trail and integration with the institutional LDAP server

P30 English Questionnaire

 Adding new Record ID 1

Record ID

1

1. Are you male or female?

* must provide value



- ☐ Male
- ☐ Female
- ☐ DON'T KNOW
- ☐ REFUSED

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2. What is your race?

* must provide value

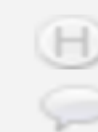


- ☐ White or Caucasian
- ☐ Black or African American
- ☐ American Indian or Alaska Native
- ☐ Asian Indian
- ☐ Chinese
- ☐ Japanese
- ☐ Korean
- ☐ Vietnamese
- ☐ Samoan
- ☐ Native Hawaiian
- ☐ Guamanian or Chamorro
- ☐ Filipino
- ☐ Don't know
- ☐ Refused
- ☐ Other

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3. Are you of Hispanic, Latino, or Spanish Origin?

* must provide value



- ☐ Yes
- ☐ No
- ☐ Don't Know
- ☐ Refused
- ☐ Other

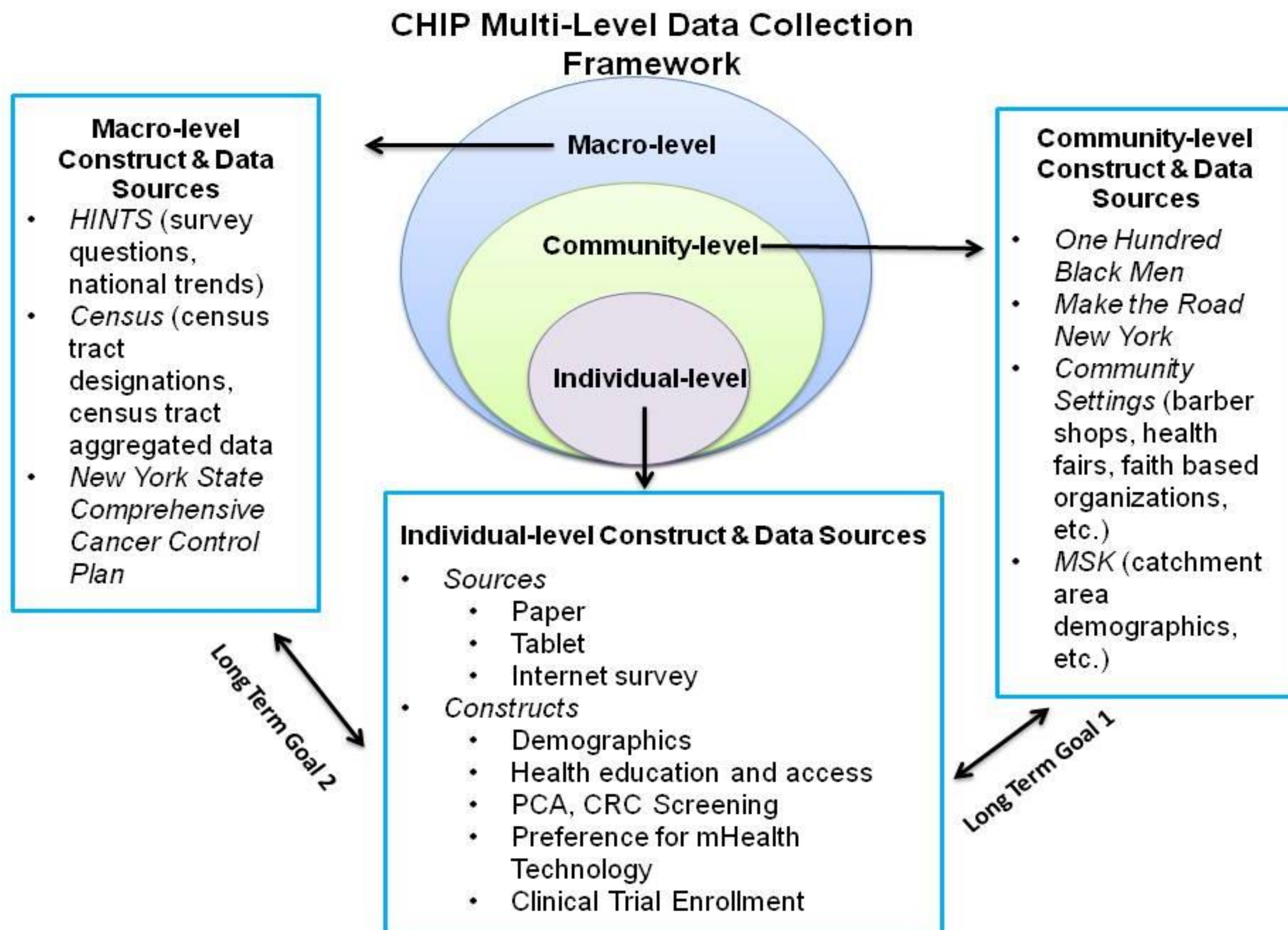
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CHIP methods II – Sampling strategy

- Non-random street intercepts sampling method.
- Site of participant recruitment based on designated spaces for daily activities within community (e.g. supermarkets, churches, movie theatres, important community and service organizations).
- Target sample size of 1,000 participants; target of 40% Hispanic and 45% Black.
- Post-stratification survey weights will be applied to ensure comparison with other population-based surveys

Multilevel Data Management



DATA COLLECTION

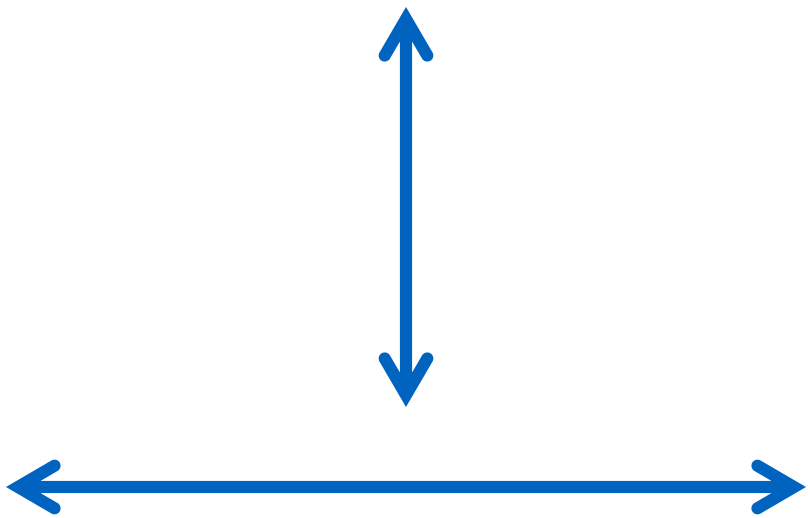
Tablet-based
1000 surveys



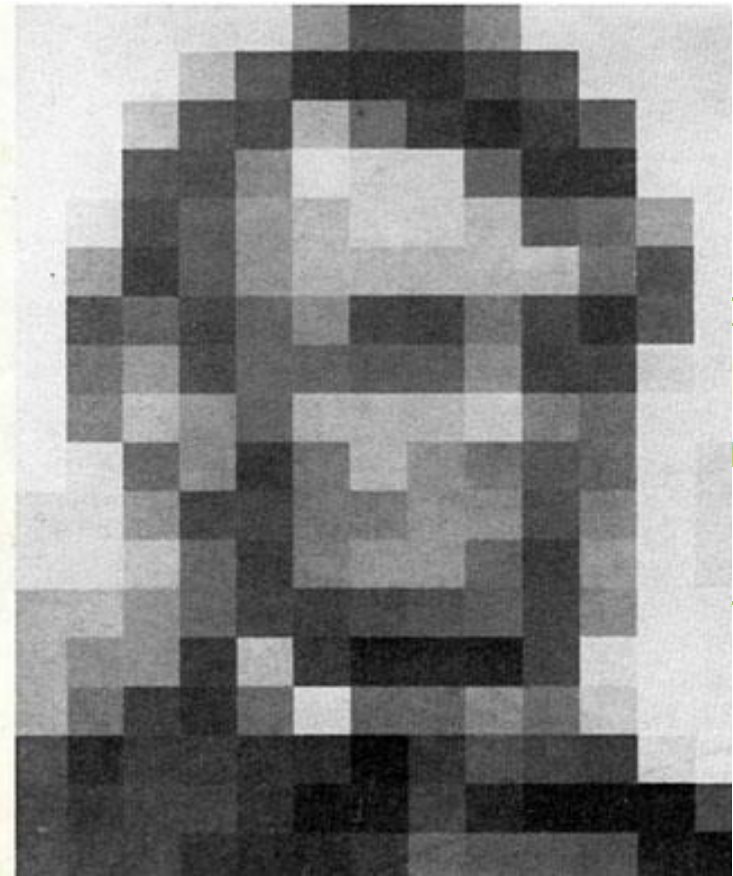
REDCAP



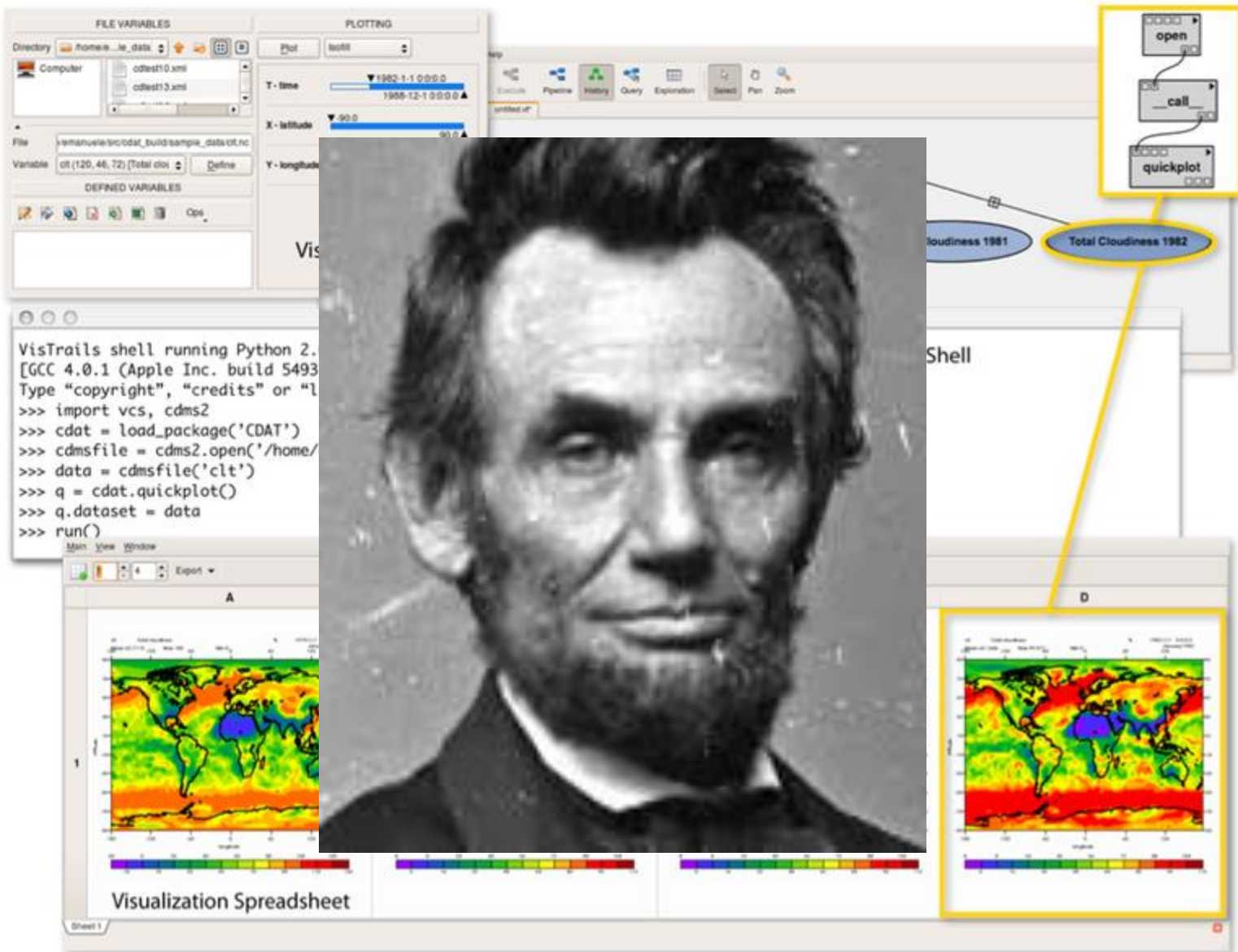
The computer
randomly assigns
patients to two
or more groups,
helping to
prevent bias



33%



offered
health





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