

A Preliminary Inventory and Assessment of Health Care Facilities within Manhattan Community District 3

Presented to the Manhattan Community Board 3 Human Services Committee
by Amy Yang, 2014 Community Planning Fellow

July 8, 2014

Project Overview

Area Background

Methodology

Initial Analysis

Limitations

Future Framework

Project Overview - Tasks

To create an inventory of healthcare facilities within Community District 3

To determine the demand for certain types of healthcare facilities within Community District 3

To evaluate if current facilities meet the current demand, and where demand is unmet or saturated

To identify potential solutions to meet the demand

Project Overview - Boundaries

BOUNDARIES USED

Community District 3

United Hospital Fund
(UHF) Neighborhoods

Census Tracts



IMAGE SOURCE: NYC DOHMH, NYC DCP

Area Background - Race

Percentage of the White Population by Census Tract in 2012

Legend

 CD 3 Boundary

 Open Space

% of White population in census tract

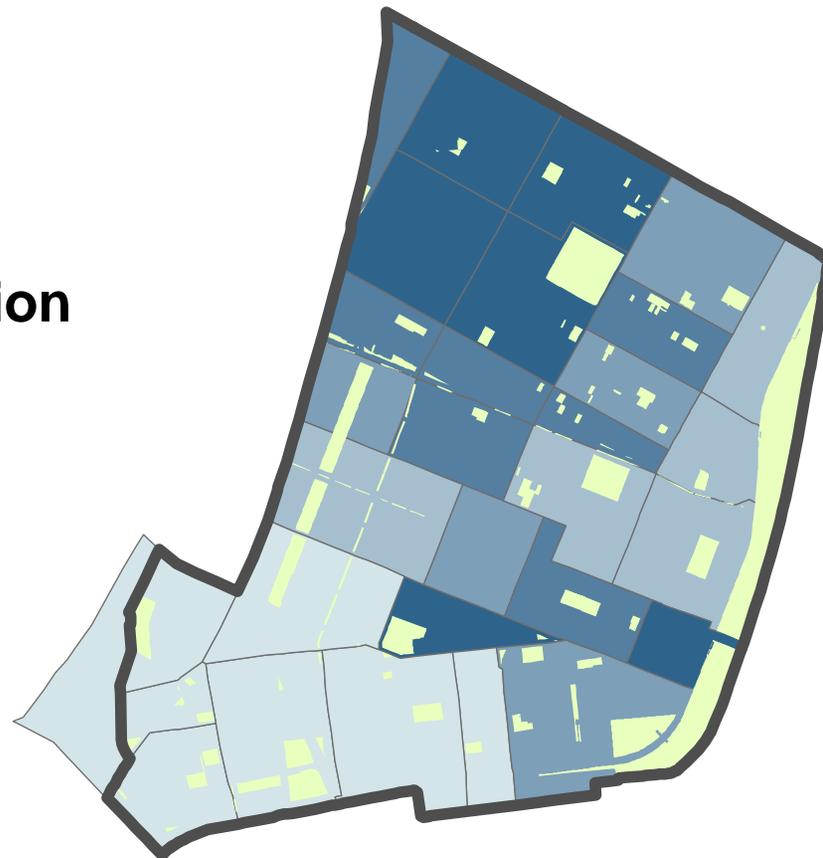
 Under 20%

 20-35%

 35-55%

 55-70%

 Over 70%



39% of entire population

Area Background - Race

Percentage of the Asian Population by Census Tract in 2012

Legend

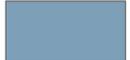
 CD 3 Boundary

 Open Space

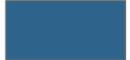
% of Asian population in census tract

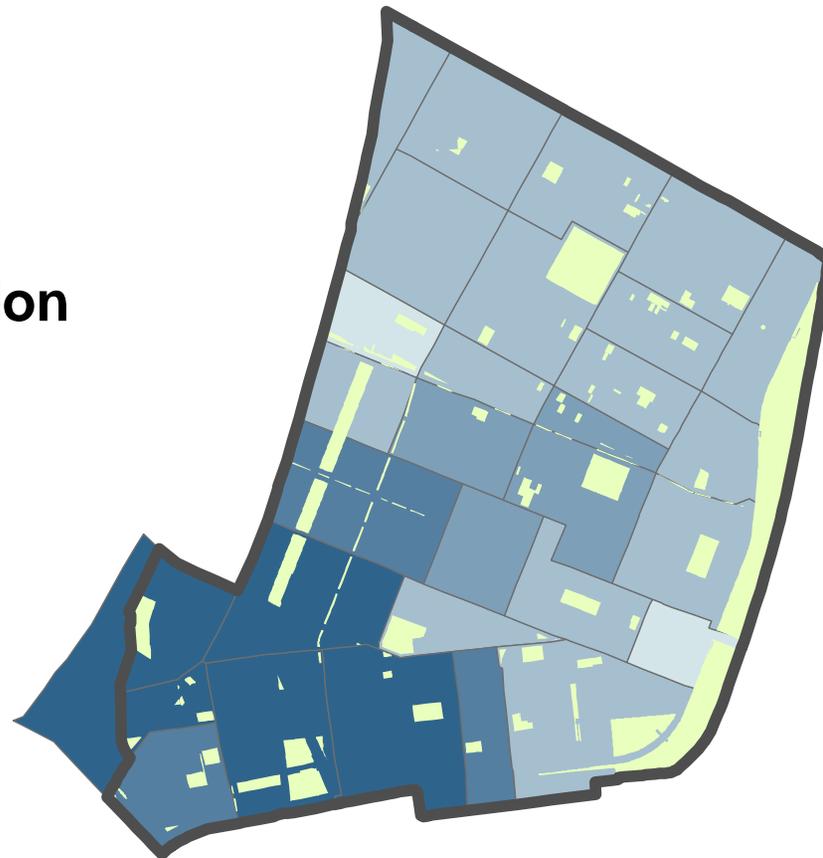
 Under 10%

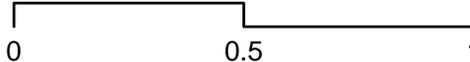
 10-25%

 25-35%

 35-60%

 Over 60%



 Miles
0 0.5 1

36% of entire population

Area Background - Race

Percentage of the Hispanic Population by Census Tract in 2012

Legend

 CD 3 Boundary

 Open Space

% of Hispanic population in census tract

 Under 6%

 6-16%

 16-25%

 25-50%

 Over 50%



0 0.5 1 Miles

Area Background - Race

Percentage of the Black or African American Population by Census Tract in 2012

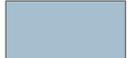
Legend

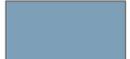
 CD 3 Boundary

 Open Space

% of Black or African American population in census tract

 Under 2%

 2-7%

 7-10%

 10-15%

 Over 15%



0 0.5 1 Miles

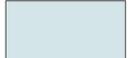
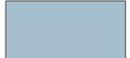
Area Background - Income

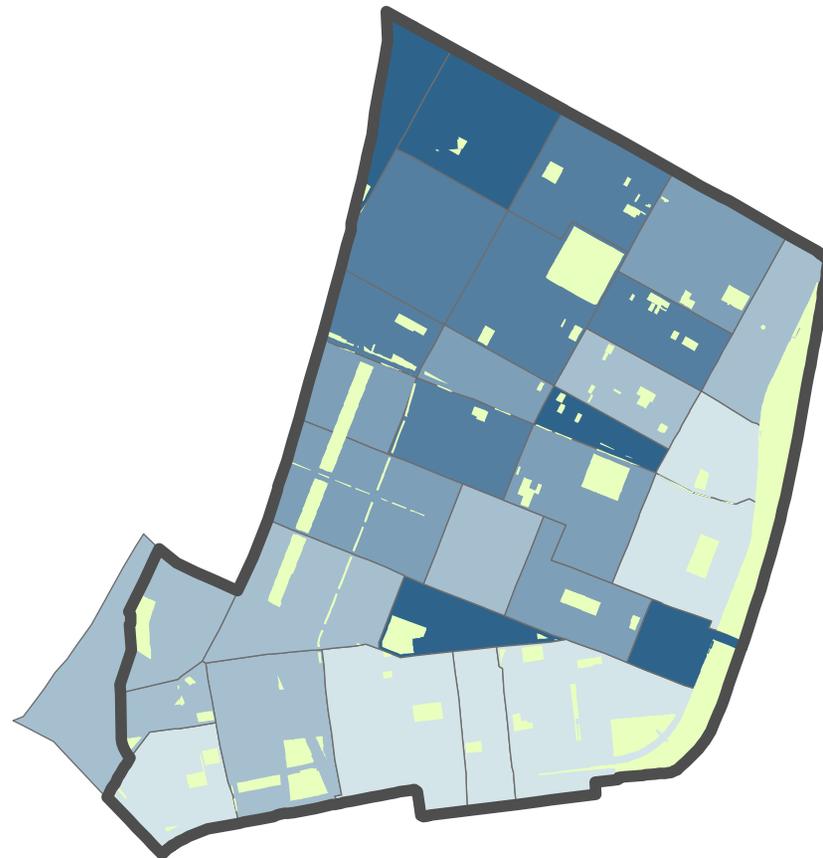
Median Income of Occupied Households by Census Tract in 2012

Legend

-  CD 3 Boundary
-  Open Space

Median Household Income, 2012

-  Under \$25,500
-  \$24,500-\$36,000
-  \$36,000-\$50,000
-  50,000-\$67,000
-  Over \$67,000



Area Background - Poverty Status

Percentage of Population Living Below the Poverty Line by Census Tract in 2012

Legend

 CD 3 Boundary

 Open Space

% of population living below poverty

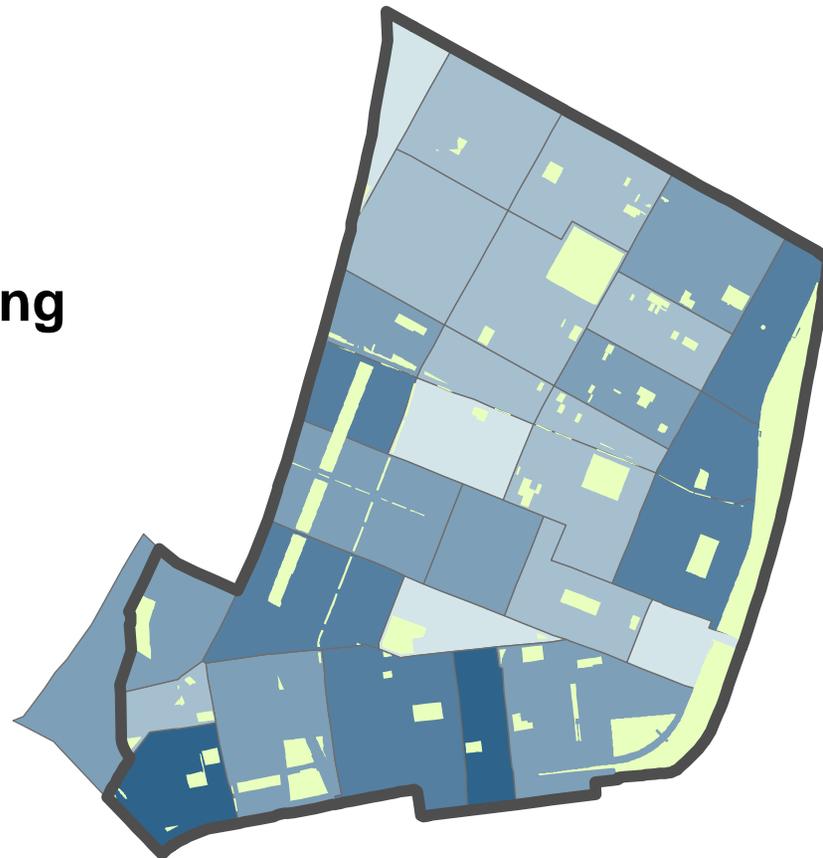
 Under 12%

 12-20%

 20-30%

 30-45%

 Over 45%



0 0.5 1 Miles

Area Background - Poverty Status

Percentage of Population Over 65 Years Old Living Below the Poverty Line by Census Tract in 2012

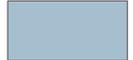
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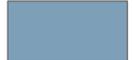
 CD 3 Boundary

 Open Space

% of population over 65 living below poverty

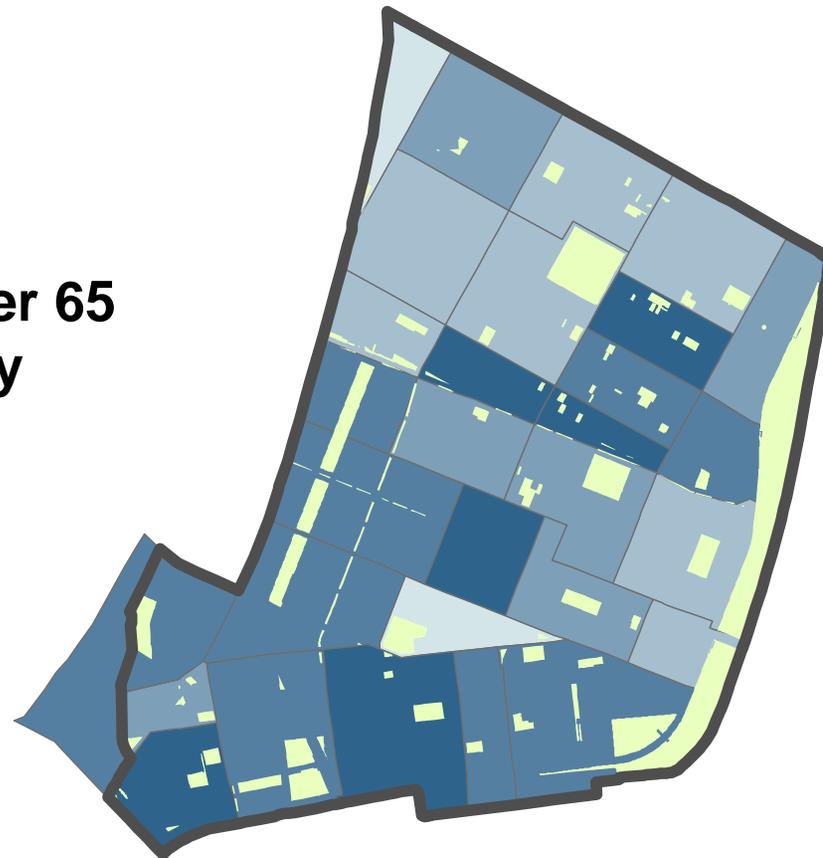
 Under 12%

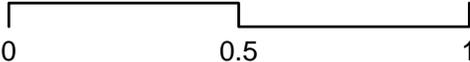
 12-25%

 25-35%

 35-45%

 Over 45%



 Miles
0 0.5 1

Area Background - Sexuality

In 2011, WNYC reported that the number of same-sex couples grew by 27% over the last decade

Rough area of higher proportion of same sex couples: Midtown West, extending to the northern section of CD 3

Homeless youth: approximately 40% identify as Lesbian, Gay, Bisexual or Transgendered – compared with 10% of the general youth population in the United States

Area Background - Disability

Percentage of Population Living with Disability by Census Tract in 2012

Legend

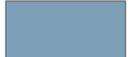
 CD 3 Boundary

 Open Space

% of population living with disability

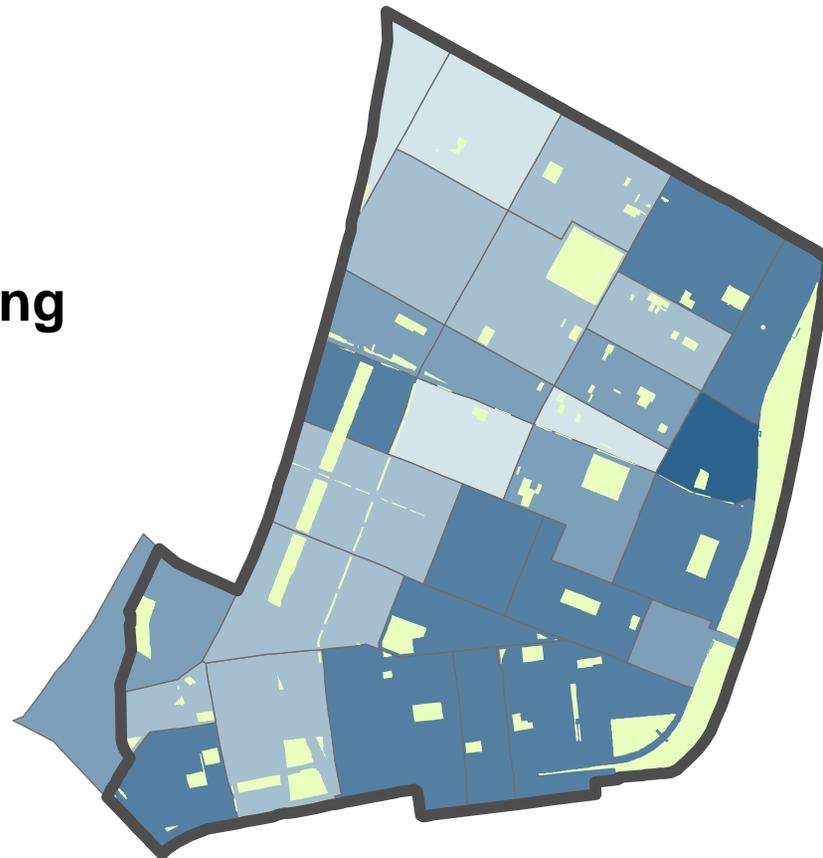
 Under 6%

 6-10%

 10-15%

 15-22%

 Over 22%



Area Background - Disability

Percentage of Population Under 18 Years Old Living with Disability by Census Tract in 2012

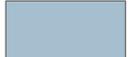
Legend

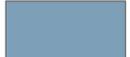
 CD 3 Boundary

 Open Space

% of disabled population under 18 years old

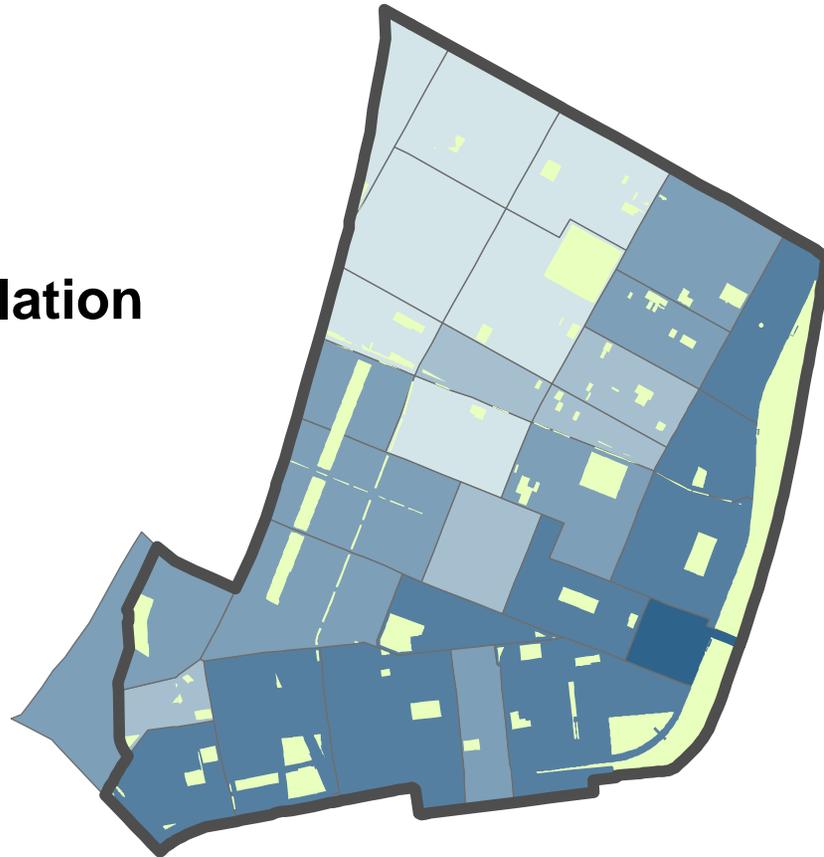
 Under 8%

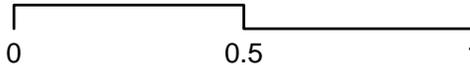
 8-12%

 12-16%

 16-22%

 Over 22%



 Miles
0 0.5 1

Area Background - Disability

Percentage of Population 18 to 64 Years Old Living with Disability by Census Tract in 2012

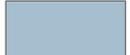
Legend

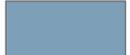
 CD 3 Boundary

 Open Space

% of disabled population 18-64 years old

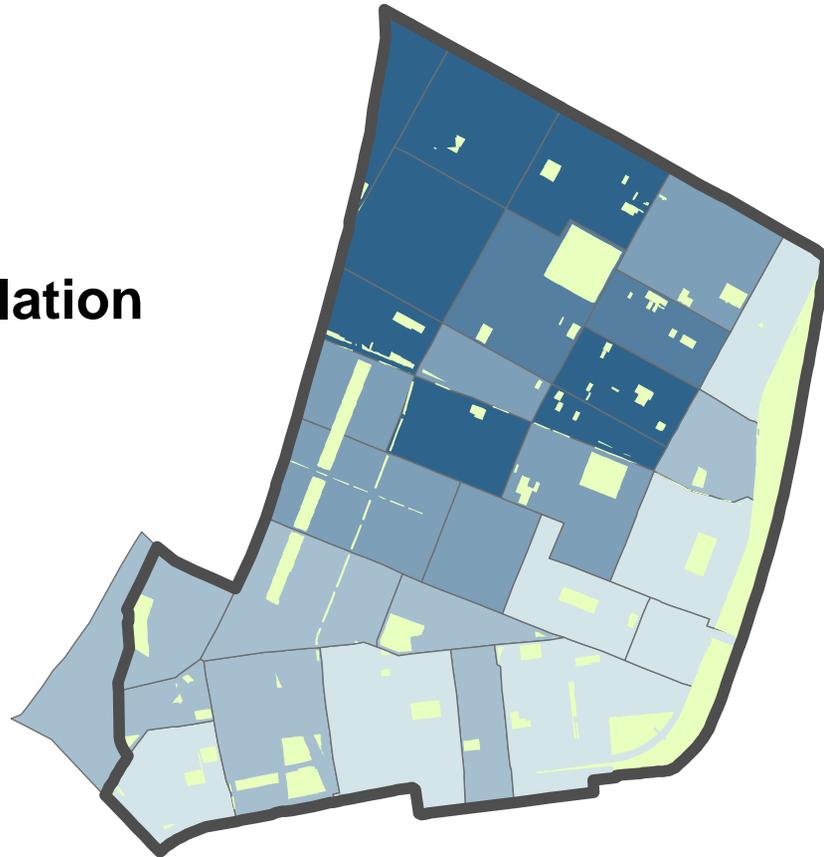
 Under 63%

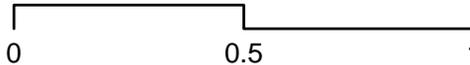
 63-70%

 70-75%

 75-80%

 Over 80%



 Miles
0 0.5 1

Area Background - Disability

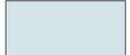
Percentage of Population Over 65 Years Old Living with Disability by Census Tract in 2012

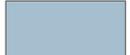
Legend

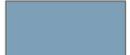
 CD 3 Boundary

 Open Space

**% of disabled population
over 65 years old**

 Under 9%

 9-13%

 13-17%

 17-20%

 Over 20%



0 0.5 1 Miles

Area Background - Age

Median Age by Census Tract, 2012

Legend

 CD 3 Boundary

 Open Space

Median Age

 Under 30 Years Old

 30-35 Years Old

 35-40 Years Old

 40-43 Years Old

 Over 43 Years Old



0 0.5 1 Miles

Area Background - Education

Percentage of Population* With Less than 9th Grade Education by Census Tract in 2012

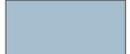
Legend

 CD 3 Boundary

 Open Space

% of population who have less than 9th grade education

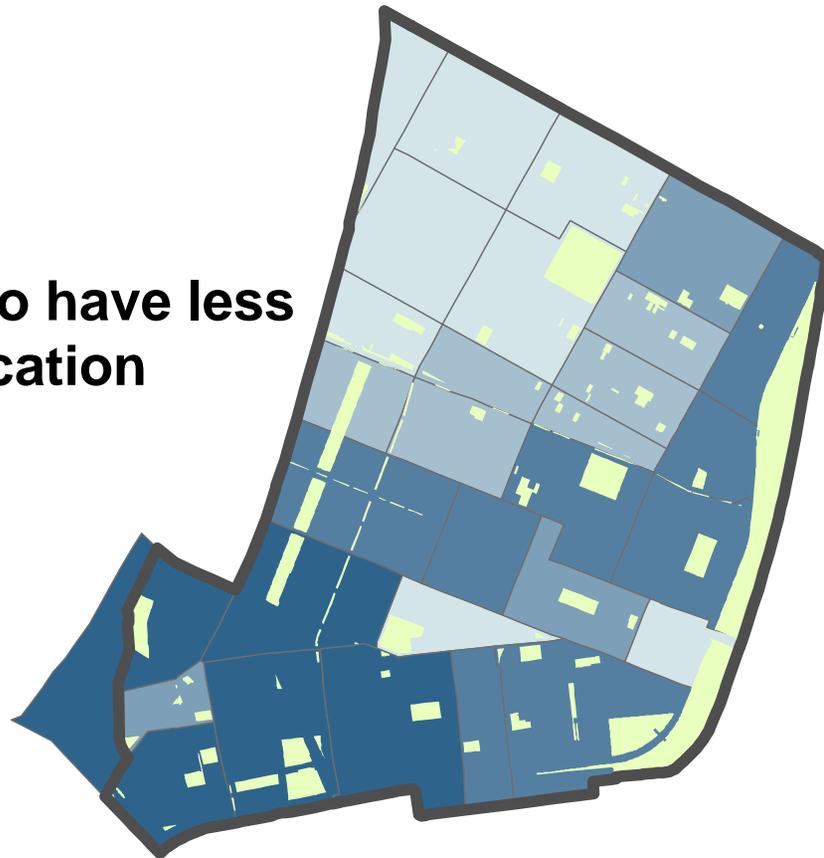
 Under 6%

 6-15%

 15-20%

 20-30%

 Over 30%



0 0.5 1 Miles

Area Background - Education

Percentage of Population* With a Bachelor's Degree by Census Tract in 2012

Legend

 CD 3 Boundary

 Open Space

% of population with a Bachelor's degree

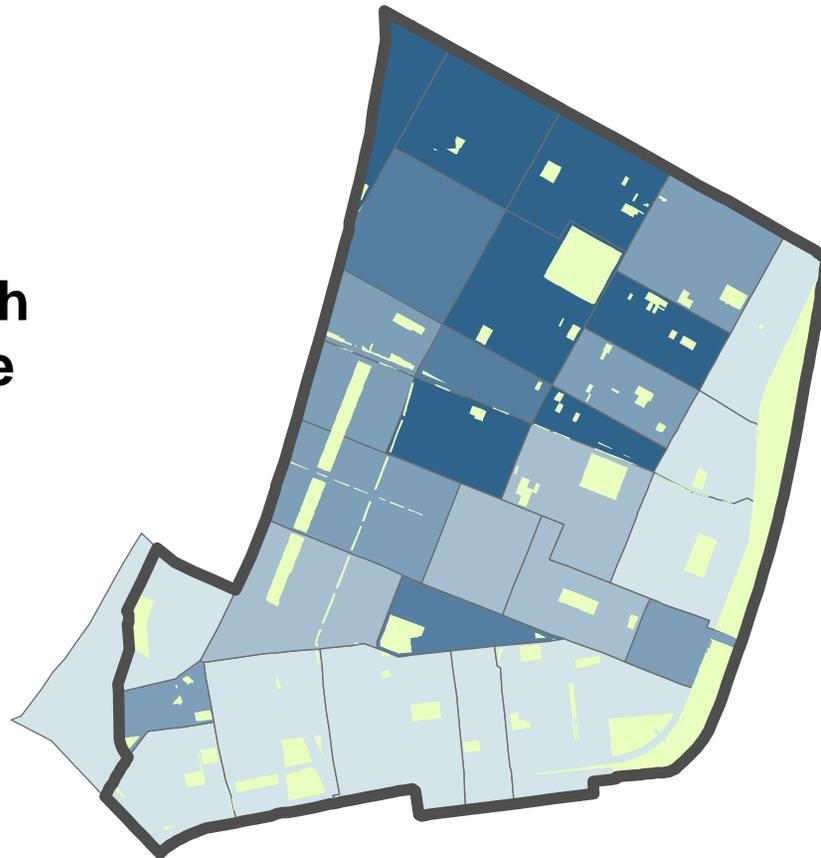
 Under 14%

 14-25%

 25-33%

 33-40%

 Over 40%



0 0.5 1 Miles

Area Background - Health Insurance Coverage

Percentage of Uninsured Population by Census Tract in 2012

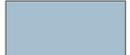
Legend

 CD 3 Boundary

 Open Space

% population without medical insurance

 Under 7%

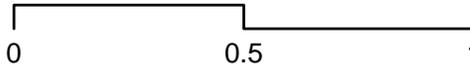
 7-9%

 9-11%

 11-15%

 Over 15%

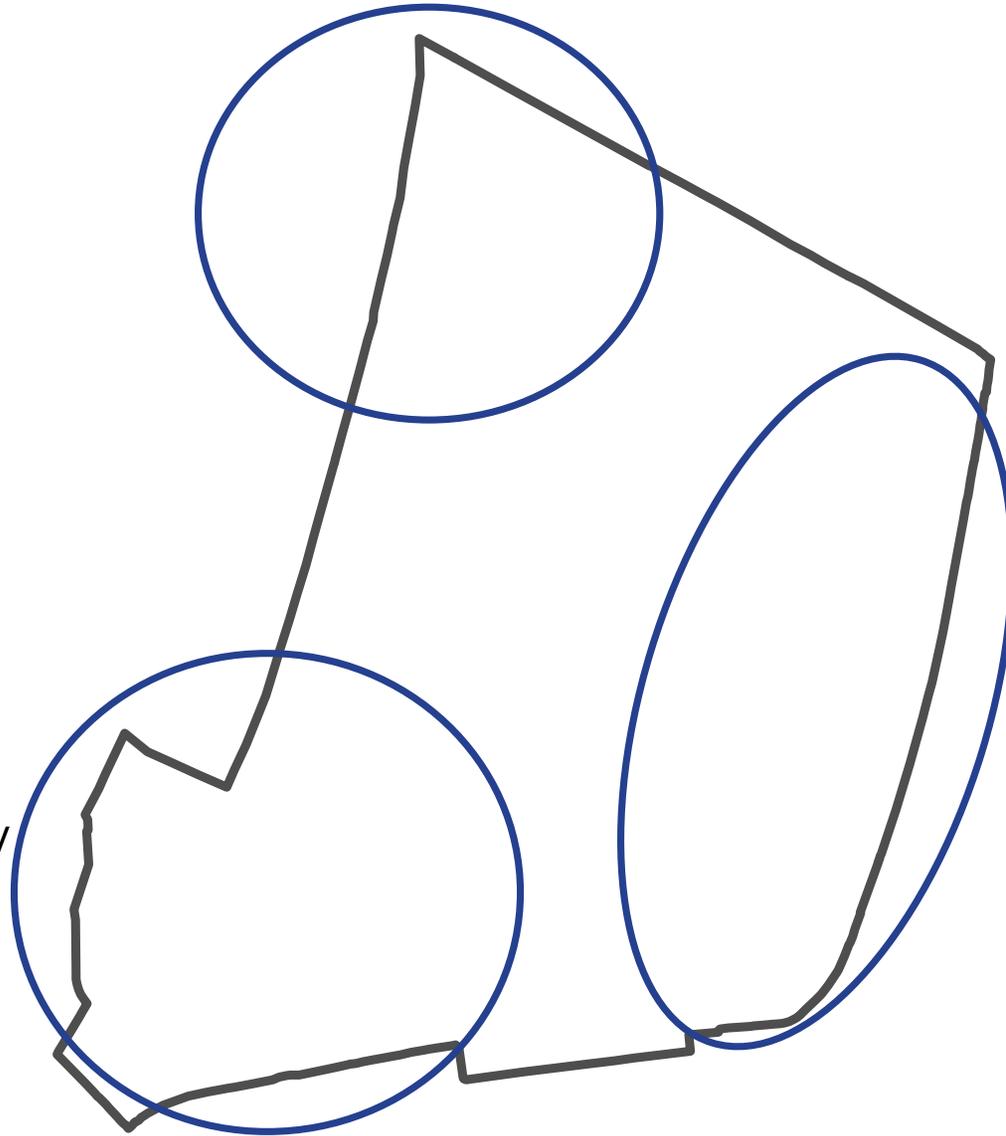


 Miles
0 0.5 1

People and Areas to Highlight

Union Square:
LGBTQ sensitive
care, disability ac-
cessibility, binge
drinking

Chinatown/Two
Bridges: Care for
the elderly, afford-
able care, disability
accessability, care
for Chinese speak-
ers, TB is high,
youth in poverty,
mental health ser-
vices



East side:
care for Span-
ish speakers,
STD care and
education,
binge drink-
ing, LGBTQ
sensitive care

Methodology

Compiled lists from various sources

Developed a structure that allows for:

- Flexibility in analysis

- Breadth of issues

- Updatability

Challenges

- Many highly specialized or hybrid service and facility typologies

- Error in the NAICS database

FACILITY TYPES

PRIVATE OFFICE (EXCEPT ALTERNATIVE)

RETAIL

SOCIAL SERVICES

ALTERNATIVE MEDICINE

HOME HEALTH SERVICE

SBHC

COMMUNITY HEALTH CENTER

DIAGNOSTIC CENTER

MEDICAL LABORATORY

RESIDENTIAL FACILITY

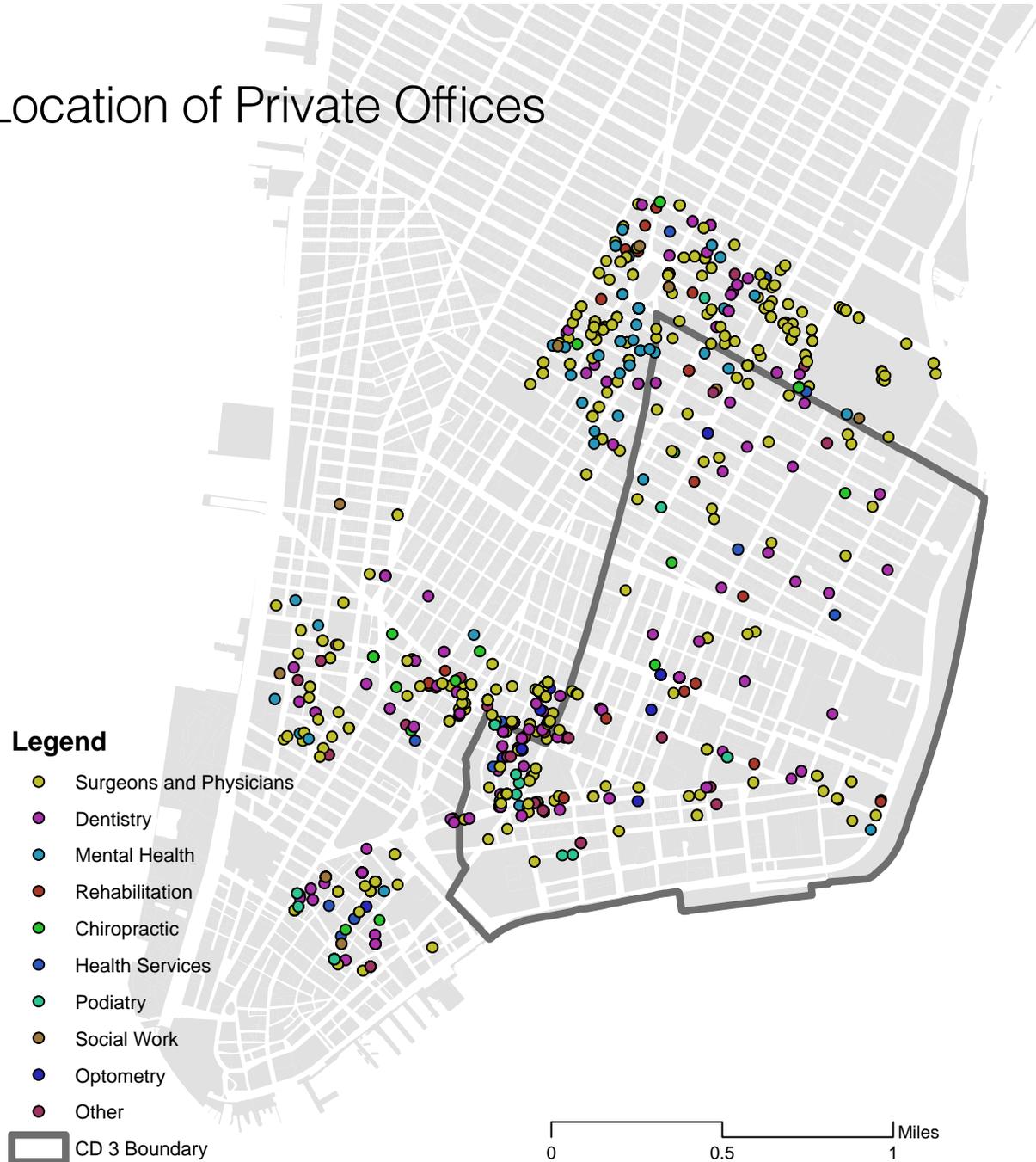
HOSPITAL

DIAGNOSTIC AND TREATMENT CENTER

HOSPITAL EXTENSION CLINIC

Initial Analysis

Location of Private Offices



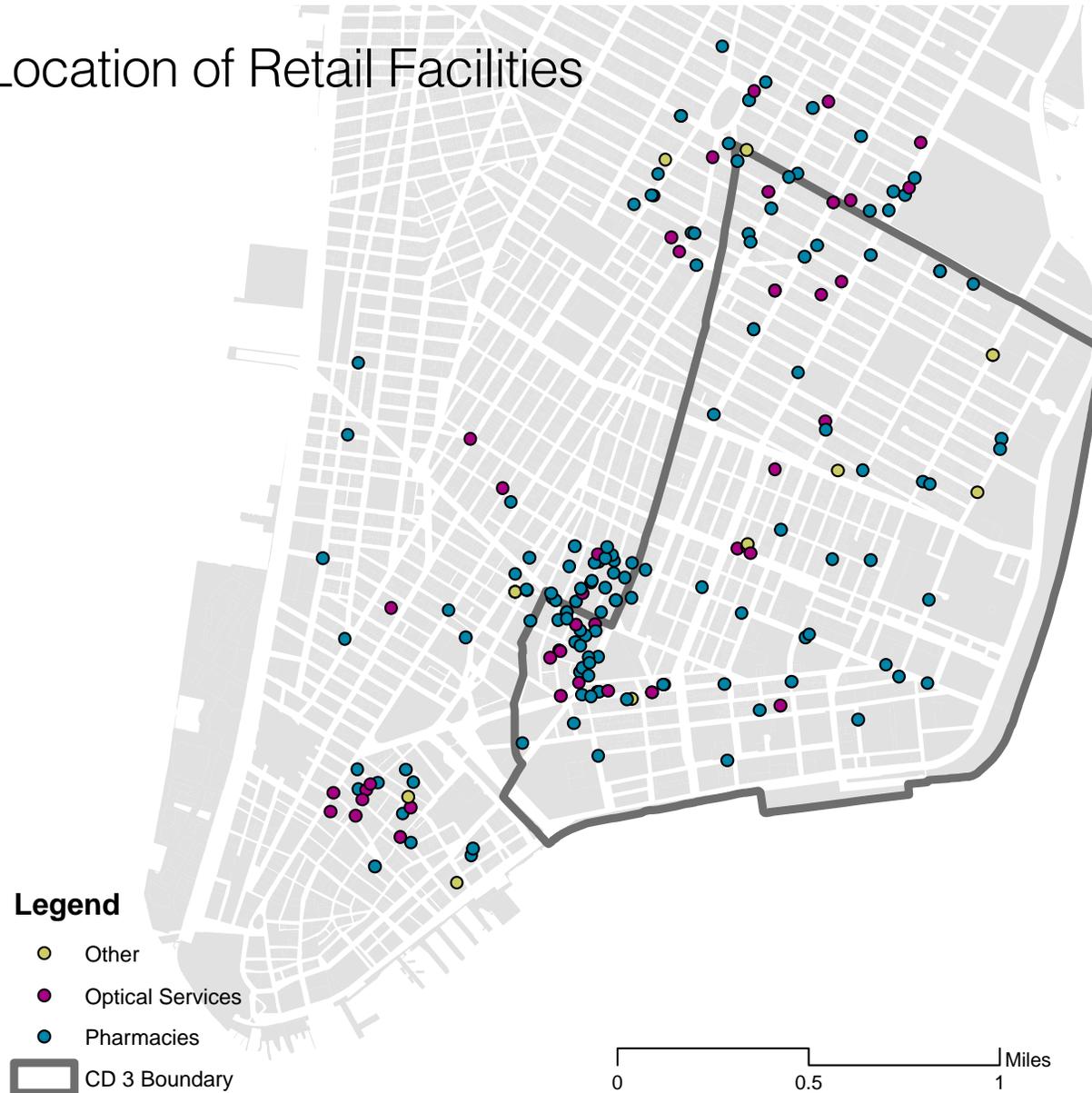
Initial Analysis

Location of Facilities Offering
Alternative Medicine



Initial Analysis

Location of Retail Facilities



PHASE ONE: ASSESS HEALTH CARE NEEDS

1. Chinatown/Two Bridges: low-income, low-education, high poverty, high percentage of Chinese population, older population

Care for elderly

Affordable care

Disability accessibility

TB care and education

Care for Chinese speakers

Mental health care

2. East side: high percentage of Hispanic population, low income

LGBTQ sensitive care

STD care and education

Binge drinking initiatives

Care for Spanish speakers

3. Union Square: most affluent area, with pockets of affluence in the middle and northwest, high educational attainment, high percentage of White population, younger population

LGBTQ sensitive care

Disability accessibility

Binge drinking initiatives

PHASE TWO: BUILD THE INVENTORY + CONDUCT INITIAL ANALYSIS

1. Facilities clustered in Union Square and Chinatown
2. High proportion of small practices; mostly acupuncture in Chinatown
3. Pharmacies scattered relatively evenly throughout the District; sometimes reaching places that do not have any other health care resources

PHASE THREE: MAKE [POLICY] RECOMMENDATIONS

1. Investigate medical facilities as retail (may provide alternate insight into hospital closings/mergers and the increase of luxury construction in their places)
2. Push for more city-wide research at the community district level
3. Continuing pursuing research on health care behavior to further assess adequacy of resources - personal health care geography survey