TOTAL POPULATION
6,019,929

RACE AND ETHNICITY

36.5%	White
21.5%	Hispanic
20.6%	Black or African American
19%	Asian, Native Hawaiian & other Pacific Islanders
2.4%	American Indian / Alaska Native
	Additional races
	Two or more races

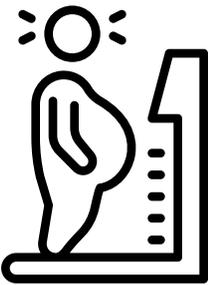## POPULATION CHARACTERISTICS

39%	Born outside US
17.3%	Household income below federal poverty level
16.2%	Less than a high school diploma or equivalent
12.6%	Uninsured
11.8%	Unmet Medical Care
5.5%	Unemployment rate

MCC Catchment Area

Legend:
- Kings County (Brooklyn)
- New York County (Manhattan)
- Queens County (Queens)

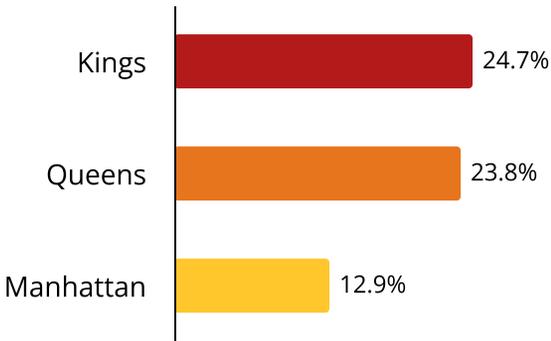2020 New York-Presbyterian Hospital Cancer Registry Data
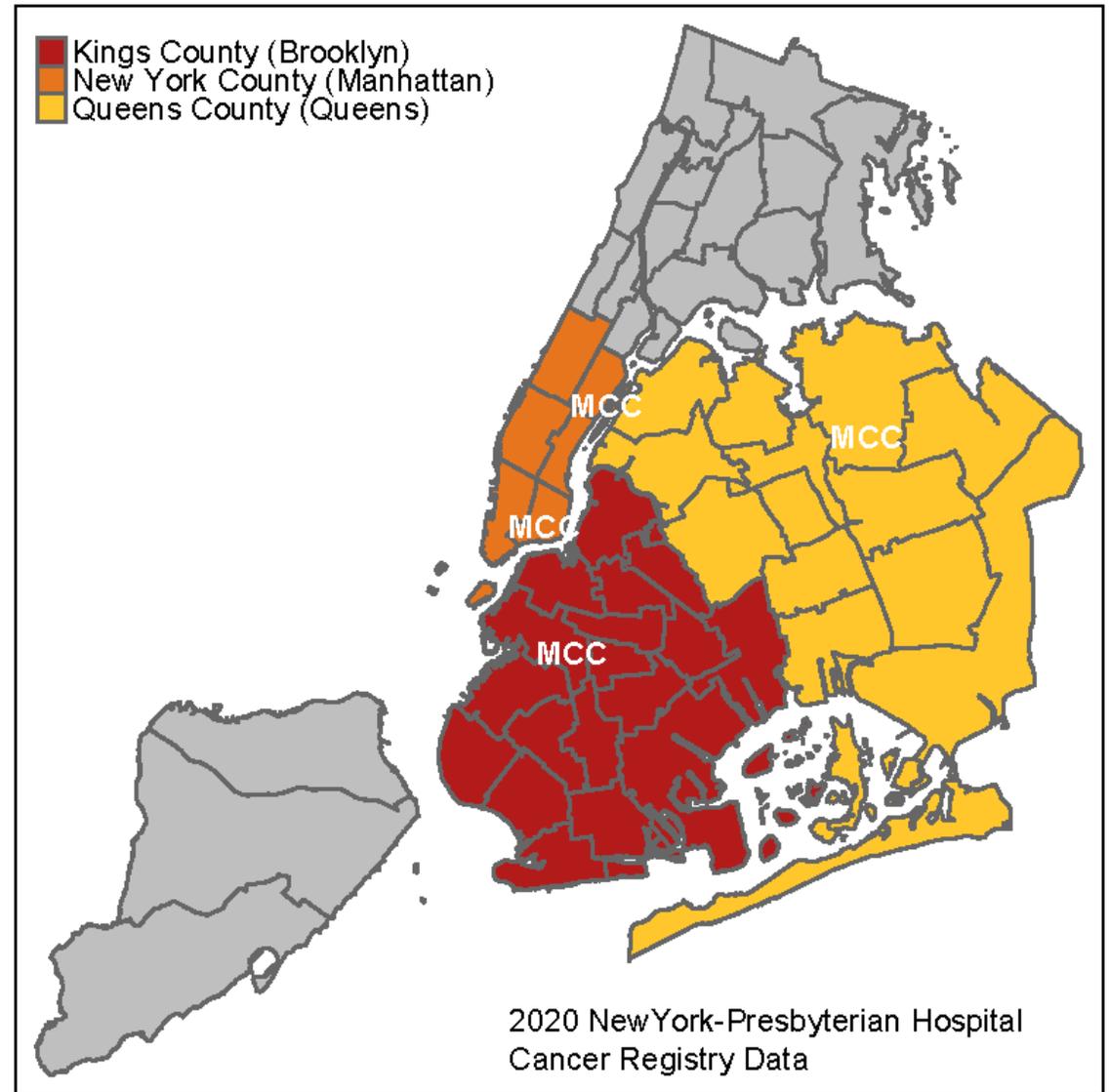
The 'catchment area' (colored areas above) is a center-defined geographic area where MCC aims to serve in the research we conduct, the communities we engage, and the outreach we perform. While 74% of MCC's yearly analytic cancer cases reside throughout our catchment area, the proportions that reside in Brooklyn and Queens are higher than Manhattan. Within our catchment area, there are several high priority neighborhoods where we especially target outreach secondary to disproportionate cancer burden in that area.
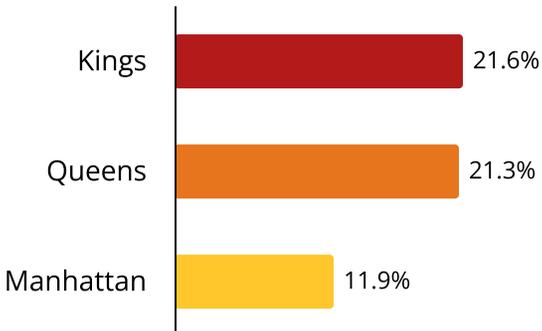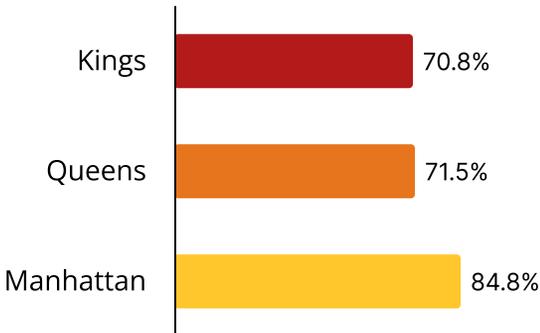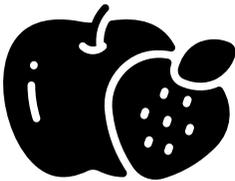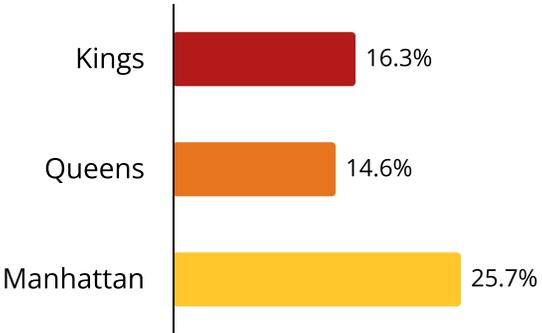
Behavioral Risk Factors by County

Obesity

County	Percentage
Kings	24.7%
Queens	23.8%
Manhattan	12.9%

Sugary Drink Consumption

County	Percentage
Kings	21.6%
Queens	21.3%
Manhattan	11.9%

Physical Activity

County	Percentage
Kings	70.8%
Queens	71.5%
Manhattan	84.8%

Heavy Drinking (Binge Drinking)

County	Percentage
Kings	16.3%
Queens	14.6%
Manhattan	25.7%

Fruit and Vegetable Consumption

County	Percentage
Kings	90.6%
Queens	90.6%
Manhattan	91.6%

Current Smoker

County	Percentage
Kings	11.4%
Queens	10.3%
Manhattan	7.4%

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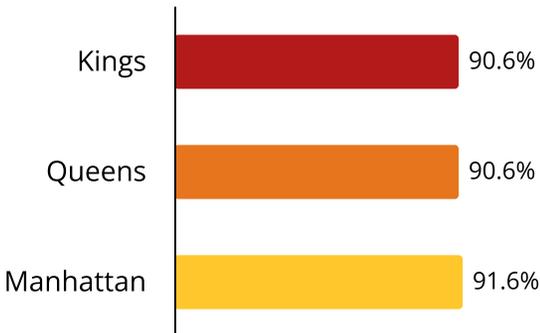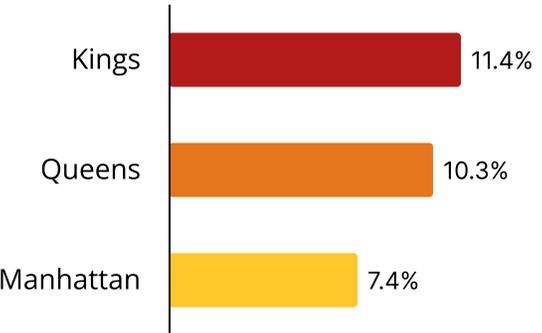
Cervical, Breast, and Colorectal Cancer Screenings by County

Pap test in past 3 years (women 18-65)	Mammogram in past 2 years (women ≥40)	Colonoscopy in past 10 years (adults aged 50 and older)

Pap test in past 3 years (women 18-65)

- Kings: 83.9%
- Queens: 81.7%
- Manhattan: 86.5%

Mammogram in past 2 years (women ≥40)

- Kings: 78%
- Queens: 73.2%
- Manhattan: 72.9%

Colonoscopy in past 10 years (adults aged 50 and older)

- Kings: 68.1%
- Queens: 69.1%
- Manhattan: 75.6%

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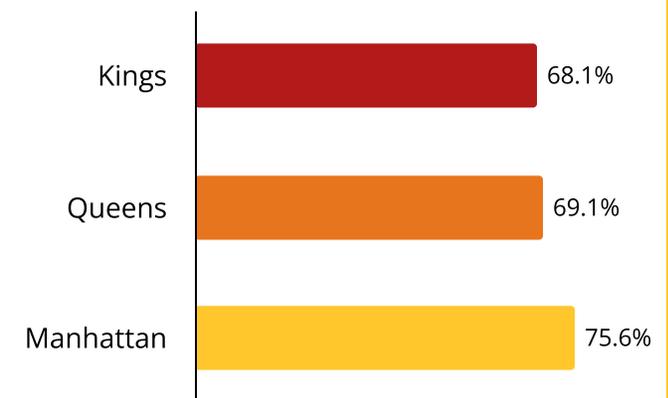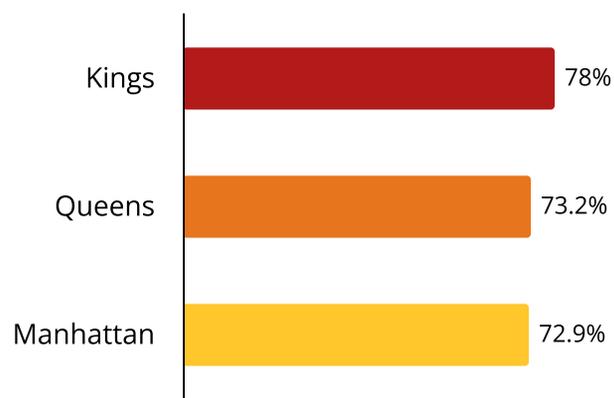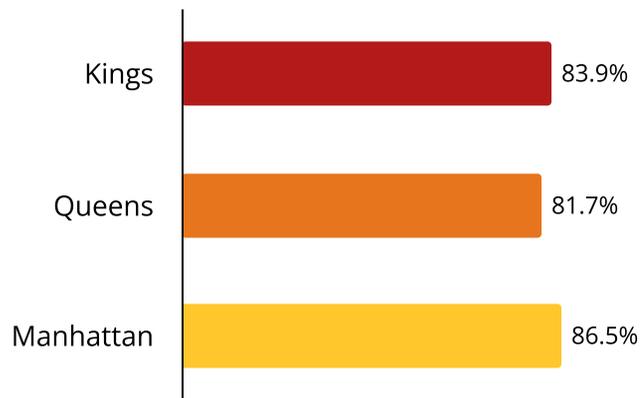
Age-adjusted Cancer Incidence Rates in MCC Catchment Area Per 100,000 Persons

Cancer Type	Rate
Female breast	129
Prostate	120.1
Lung and bronchus	42.9
Colorectal	35.4
Corpus uterus and NOS	30.2
Thyroid	20.2
Non-Hodgkin lymphomas	19.3
Urinary bladder (incl. in situ)	15.9
Kidney and renal pelvis	14
Leukemias	13.5
Pancreas	13.2
Ovary	11
Melanoma of the skin	10.8
Stomach	10.4
Oral cavity and pharynx	9.5
Liver / intrahepatic bile duct	9.3
Cervix uteri	8.6
Myeloma	7.9
Brain and other central nervous system	6
Testis	5.7
Esophagus	3.1
Hodgkin lymphoma	2.8
Larynx	2.1

Cancers with Higher Incidence Rates in MCC Catchment Area Compared to US

Stomach	**51% higher**
Thyroid	**45% higher**
Cervical	**12% higher**
Myeloma	**11% higher**

Data Source for US rates: United States Cancer Statistics, Year 2016-2020 (Accessed 5/25/2023)
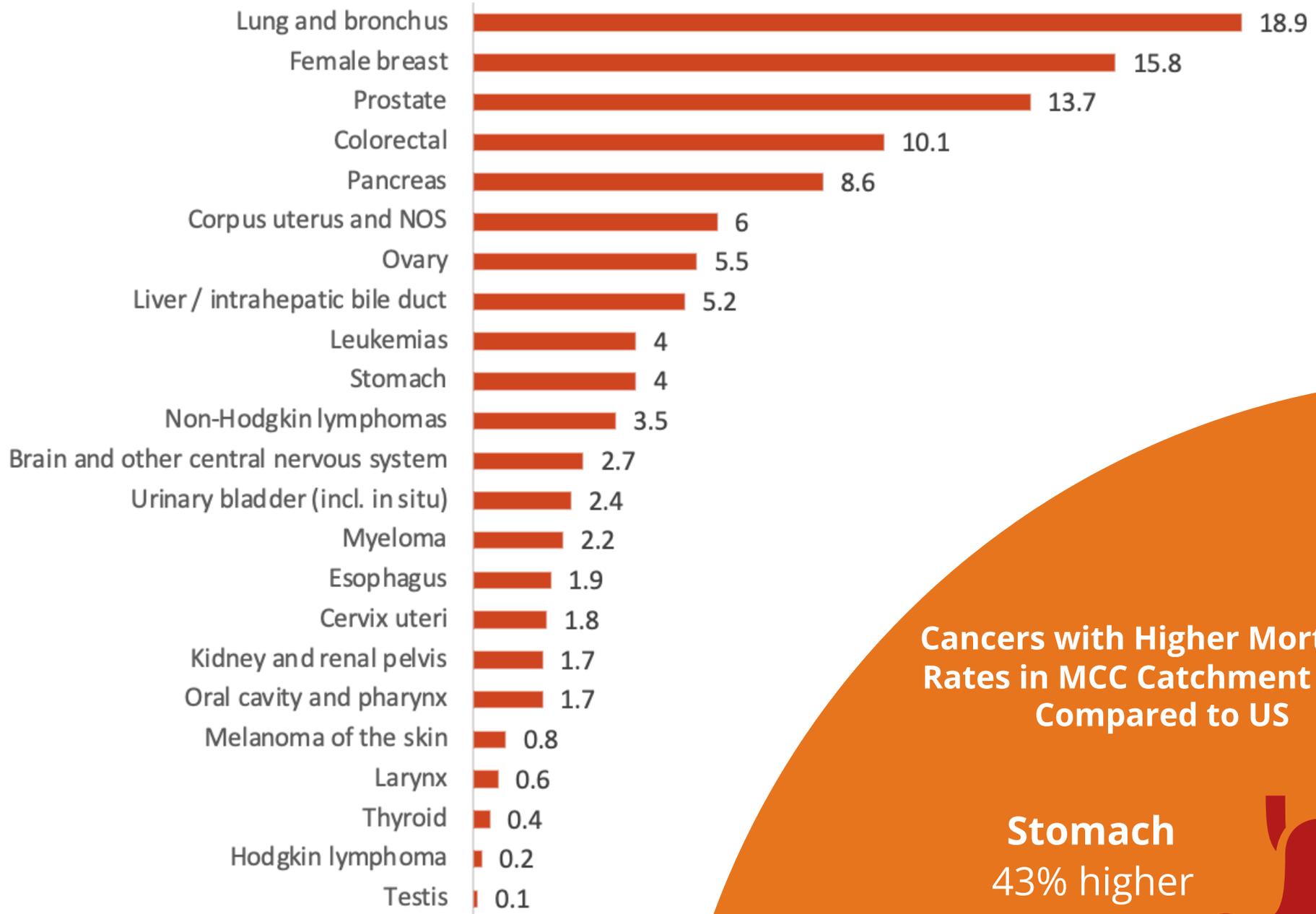*Data Source for MCC CA rates: NY state Registry SEER Stat data, Year 2016-2020 (Accessed 5/25/2023)*
Note: Rates are age standardized using Census 2000 population. The number of new cancers per 100,000 people

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Disparities in New Cancer Cases in MCC Catchment Area by County

Kings Compared to MCC Manhattan*

Cervix uteri	63% higher
Stomach	62% higher
Myeloma	37% higher
Colorectal	30% higher
Liver / intrahepatic bile duct (men)	28% higher
Kidney and renal pelvis	22% higher
Lung and bronchus (men)	18% higher
Prostate	10% higher

Queens Compared to MCC Manhattan*

Stomach	79% higher
Cervix uteri	63% higher
Colorectal	25% higher
Kidney and renal pelvis	21% higher

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Age-adjusted Cancer Mortality Rates in MCC Catchment Area Per 100,000 Persons

Cancer Type	Rate
Lung and bronchus	18.9
Female breast	15.8
Prostate	13.7
Colorectal	10.1
Pancreas	8.6
Corpus uterus and NOS	6
Ovary	5.5
Liver / intrahepatic bile duct	5.2
Leukemias	4
Stomach	4
Non-Hodgkin lymphomas	3.5
Brain and other central nervous system	2.7
Urinary bladder (incl. in situ)	2.4
Myeloma	2.2
Esophagus	1.9
Cervix uteri	1.8
Kidney and renal pelvis	1.7
Oral cavity and pharynx	1.7
Melanoma of the skin	0.8
Larynx	0.6
Thyroid	0.4
Hodgkin lymphoma	0.2
Testis	0.1

Cancers with Higher Mortality Rates in MCC Catchment Area Compared to US

Stomach
43% higher

Corpus uterus and NOS
18% higher

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Disparities in Cancer Death Cases in MCC Catchment Area by County

Kings Compared to MCC Manhattan*

Cervix uteri	110% higher
Stomach	81% higher
Corpus uterus and NOS	73% higher
Colorectal	46% higher
Female breast	36% higher
Liver / intrahepatic bile duct	33% higher
Prostate	31% higher
Lung and bronchus	14% higher

Queens Compared to MCC Manhattan*

Cervix uteri	90% higher
Stomach	50% higher
Colorectal (women)	26% higher

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Racial/Ethnic Disparities for Cancer Mortality in MCC Catchment Area

Hispanic Adults Compared to Non-Hispanic White Adults

Cervix uteri	83% higher
Liver / intrahepatic bile duct	60% higher
Hodgkin lymphoma	50% higher
Stomach	41% higher

Non-Hispanic Black Adults Compared to Non-Hispanic White Adults

Prostate	155% higher
Cervix uteri	133% higher
Corpus uterus and NOS	127% higher
Myeloma	81% higher
Stomach	52% higher
Larynx	50% higher
Liver / intrahepatic bile duct	41% higher
Colorectal	40% higher
Female breast	26% higher

Non-Hispanic Other* Adults Compared to Non-Hispanic White Adults

Liver / intrahepatic bile duct	97% higher
Stomach	93% higher
Cervix uteri	33% higher
Oral cavity and pharynx	24% higher

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Adolescents and Young Adults (AYAs), ages 15-39, 2016-2020

Common Types of New Cancers Among AYAs in MCC Catchment Area

- Breast (female): 16%
- Thyroid: 20%
- Testis: 7%
- Non-Hodgkin Lymphoma: 6%
- Other: 51%

Legend:
- Breast (female)
- Thyroid
- Testis
- Non-Hodgkin Lymphoma
- Other
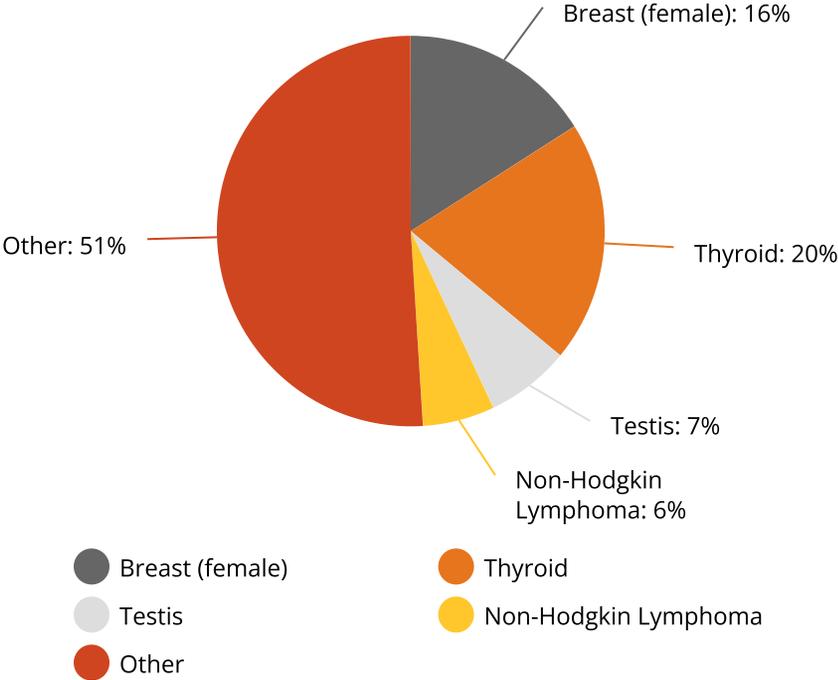
Common Cancer Types Causing Death Among AYAs in MCC Catchment Area
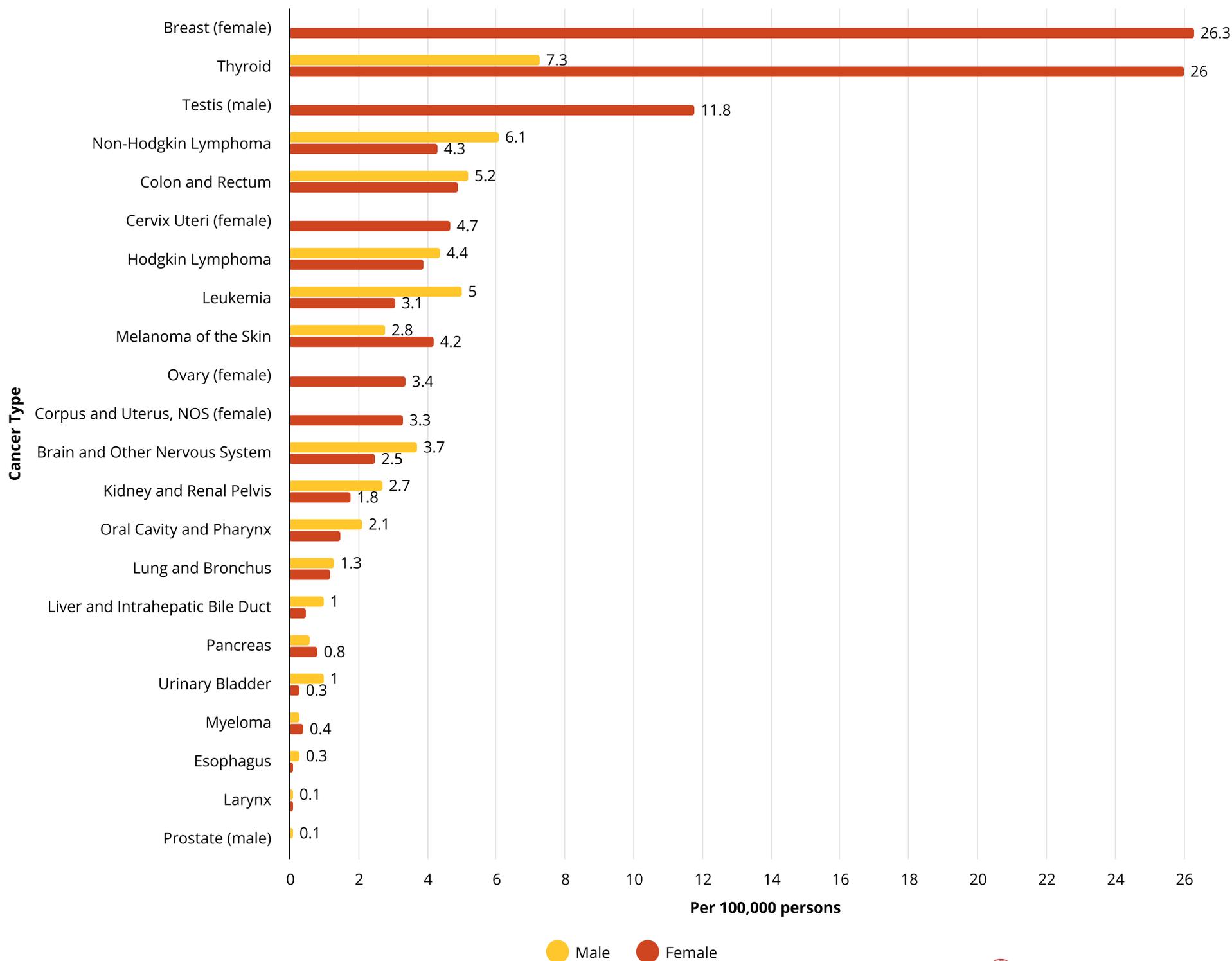
Pending Data from New York City Department of Health and Mental Hygiene, Vital Statistics

Rates of New Cancer Cases in MCC Catchment Area by Cancer Type and Sex Among AYAs, ages 15-39, 2016-2020

Cancer Type (vertical axis)

Cancer Type	Male	Female
Breast (female)		26.3
Thyroid	7.3	26
Testis (male)		11.8
Non-Hodgkin Lymphoma	6.1	4.3
Colon and Rectum	5.2	
Cervix Uteri (female)		4.7
Hodgkin Lymphoma	4.4	
Leukemia	5	3.1
Melanoma of the Skin	2.8	4.2
Ovary (female)		3.4
Corpus and Uterus, NOS (female)		3.3
Brain and Other Nervous System	3.7	2.5
Kidney and Renal Pelvis	2.7	1.8
Oral Cavity and Pharynx	2.1	
Lung and Bronchus	1.3	
Liver and Intrahepatic Bile Duct	1	
Pancreas		0.8
Urinary Bladder	1	0.3
Myeloma		0.4
Esophagus	0.3	
Larynx		0.1
Prostate (male)	0.1	

Per 100,000 persons (horizontal axis)

Legend: ● Male ● Female

Data Source : NY state Registry SEER Stat data, Year 2016-2020 (Accessed 2/9/2024).
Note: Rates are age standardized using Census 2000 population. The number of new cancers per 100,000 people.

Definitions

Born Outside of the US	Percentage of people born outside the U.S. or U.S. territories (U.S. territories include Puerto Rico, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands) or abroad to a U.S. citizen parent or parents
Current Smoker	Percentage of adults ages 18 and older who report being current smokers (smoking at least 100 cigarettes and now report smoking every day or some days)
GED / High school degree or higher	Percentage of adults ages 25 and older with General Education Development (GED), a high school diploma or educational degree above a High School diploma (Associate's, Bachelor's, or Graduate or professional degree)
Fruit and Vegetable Consumption	Percentage of adults ages 18 and older who report eating one or more servings of fruits and/or vegetables in the last day
Health Insurance	Percentage of adults ages 18 and older who report not having health insurance coverage
Heavy Drinking (Binge Drinking)	Percentage of adults ages 18 and older who report binge drinking (5 or more drinks for men and 4 or more drinks for women on one occasion during the past 30 days)
Highest Level of Education Achieved	Percentage of adults ages 25 and older whose highest level of education is less than a high school diploma or GED; Percentage of adults ages 25 and older who have a high school diploma or a high school diploma and some college; Percentage of adults ages 25 and older who obtained an educational degree above a High School diploma (Associate's, Bachelor's, or Graduate or professional degree)
Obesity	Percentage of adults ages 18 and older who have obesity (Body Mass Index of 30 or greater) based on self-reported height and weight
Physical Activity	Percentage of adults ages 18 and older who report participating in any physical activity in the last 30 days
Poverty	Percentage of residents living below 100% of New York City's calculated poverty threshold based on income and necessary expenses
Sugary Drink Consumption	Percentage of adults ages 18 and older who report drinking one or more 12 ounce sugar-sweetened beverage (sodas, fruit punch, sweet iced tea, sports drinks, etc.) on average per day
Unemployment	Percentage of the civilian (non-military) labor force (ages 16 and older) who are unemployed
Unmet Medical Care	Percentage of adults ages 18 and older who report not getting needed medical care at least once in the past 12 months

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Priority Neighborhoods in MCC Catchment Area*

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Manhattan

Upper East Side

Lower East Side

Brooklyn

Bedford-Stuyvesant

Coney Island

Crown Heights North

Crown Heights South

East Flatbush

Flatbush

Queens

Long Island City

Jackson Heights/Corona

Jamaica

Ridgewood

Flushing

Upper East Side, Manhattan

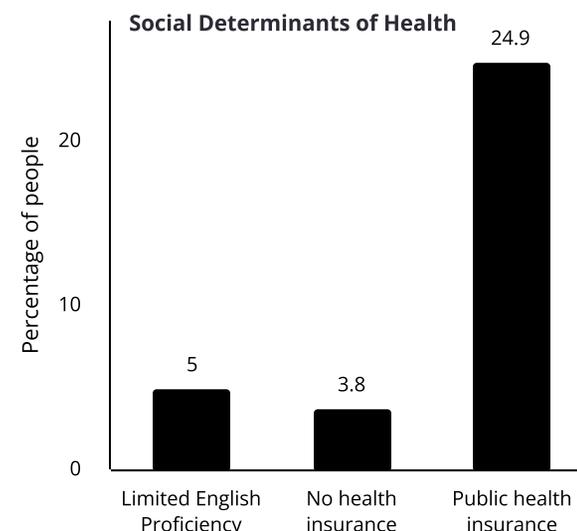White 73.5%

Asian 11.4%

Black/African American 2.7%

Hispanic/Latino 8.0%

Multi-race, other 4.4%

24% Foreign Born

6% Below poverty line

Social Determinants of Health

Percentage of people

Limited English Proficiency	5
No health insurance	3.8
Public health insurance	24.9

Lower East Side, Manhattan

White 33.7%

Asian 30.8%

Black/African American 7.8%

Hispanic/Latino 23.7%

Multi-race, other 4.0%

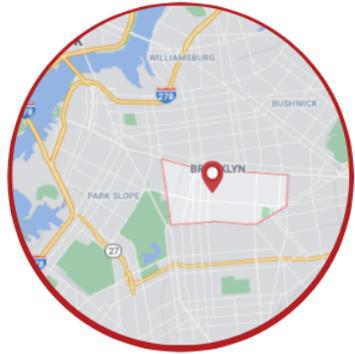**34% Foreign Born**

22% Below poverty line

Social Determinants of Health

Percentage of people

Limited English Proficiency	28
No health insurance	8.6
Public health insurance	47.5
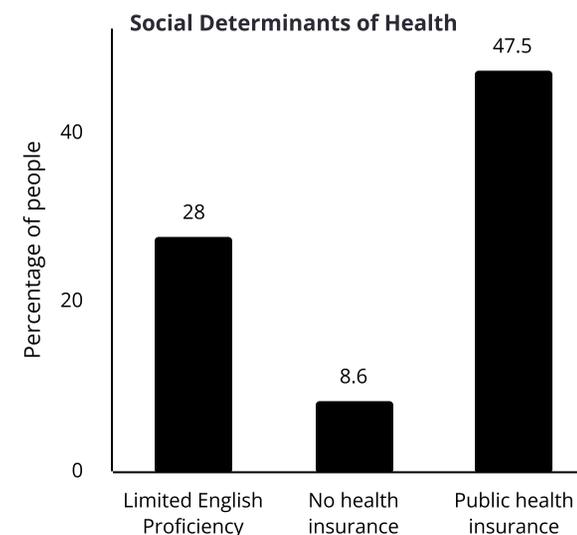
*Priority neighborhoods were identified by cross-referencing NYP hospital admission data, established outreach programs & neighborhood cancer burden
Data source: NYC DOHMH, Community Health Survey; U.S. Census Bureau, American Community Survey, Census-2020.
Google Maps (Accessed 1/16/2022)

Crown Heights North, Brooklyn

White 28.7%

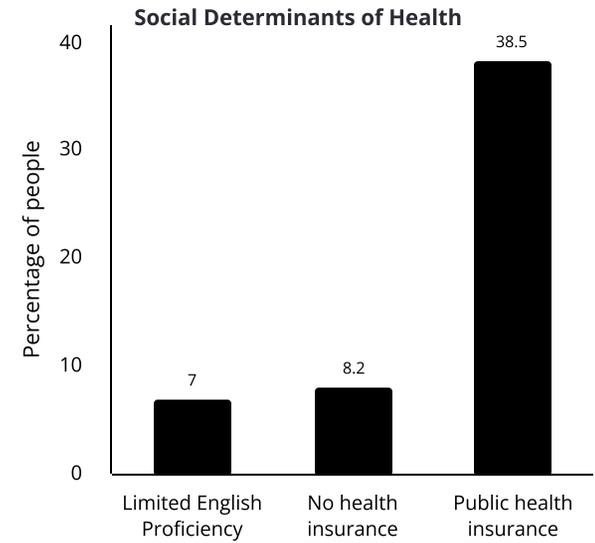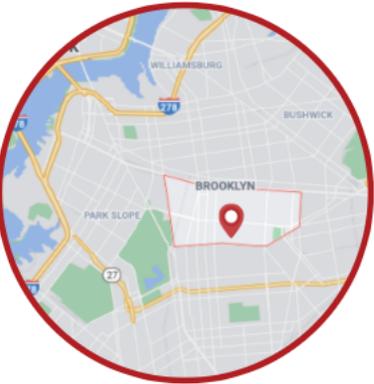Asian 5%

Black/African American 45.9%

Hispanic/Latino 13.1%

Multi-race, other 7.3%

27% Foreign Born

21% Below poverty line

Social Determinants of Health

	Percentage of people
Limited English Proficiency	7
No health insurance	8.2
Public health insurance	38.5

Crown Heights South, Brooklyn

White 28%

Asian 2.6%

Black/African American 51.8%

Hispanic/Latino 10.3%

Multi-race, other 7.3%

40% Foreign Born

21% Below poverty line

Social Determinants of Health

	Percentage of people
Limited English Proficiency	9
No health insurance	12.5
Public health insurance	42.2
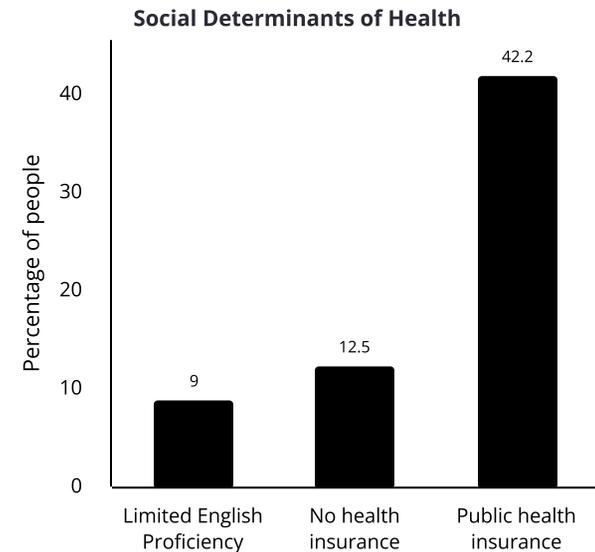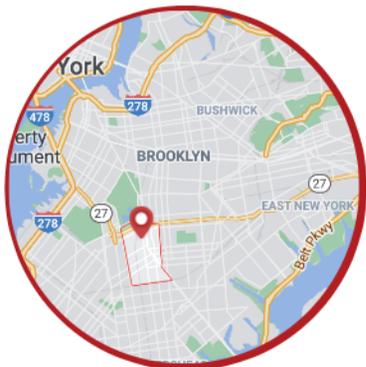
Flatbush, Brooklyn

White 37.5%

Asian 13%

Black/African American 28.2%

Hispanic/Latino 15%

Multi-race, other 6.3%

41% Foreign Born

19% Below poverty line

Social Determinants of Health

	Percentage of people
Limited English Proficiency	23
No health insurance	14.4
Public health insurance	46.1

East Flatbush, Brooklyn

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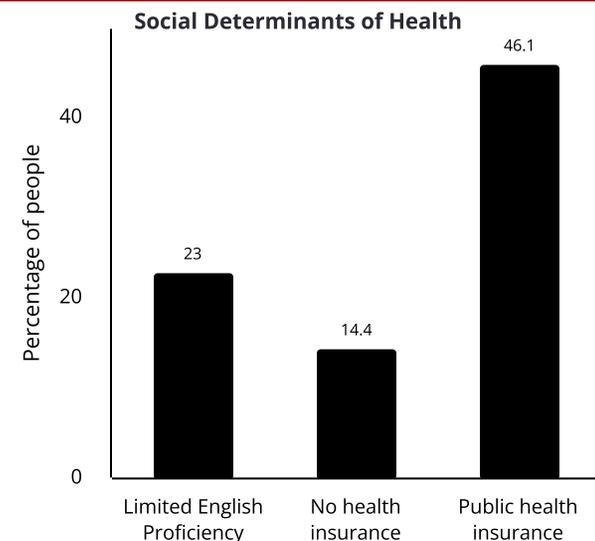
White 3.6%
Asian 1.9%
Black/African American 78.4%
Hispanic/Latino 8.2%
Multi-race, other 8%

52% Foreign Born

16% Below poverty line

Social Determinants of Health

	Percentage of people
Limited English Proficiency	8
No health insurance	16.5
Public health insurance	44.8
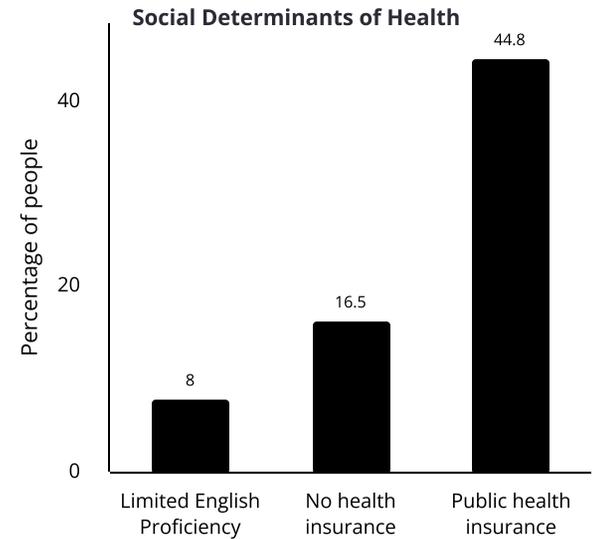
Coney Island, Brooklyn

White 51.7%
Asian 16.5%
Black/African American 12%
Hispanic/Latino 16.1%
Multi-race, other 3.7%

53% Foreign Born

24% Below poverty line

Social Determinants of Health

	Percentage of people
Limited English Proficiency	47
No health insurance	11.5
Public health insurance	61.1
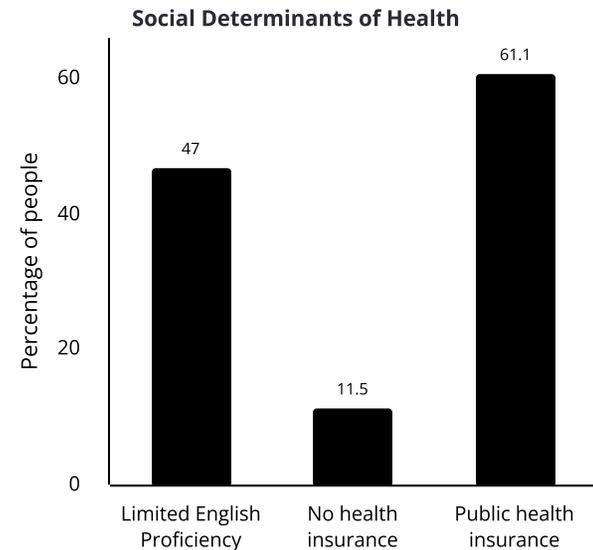
Bedford-Stuyvesant, Brooklyn

White 26.6%
Asian 4.6%
Black/African American 43.8%
Hispanic/Latino 18.7%
Multi-race, other 6.3%

19% Foreign Born

21% Below poverty line

Social Determinants of Health

	Percentage of people
Limited English Proficiency	11
No health insurance	17.7
Public health insurance	47.2

Data source: NYC DOHMH, Community Health Survey; U.S. Census Bureau, American Community Survey, Census-2020. Google Maps (Accessed 1/16/2022)
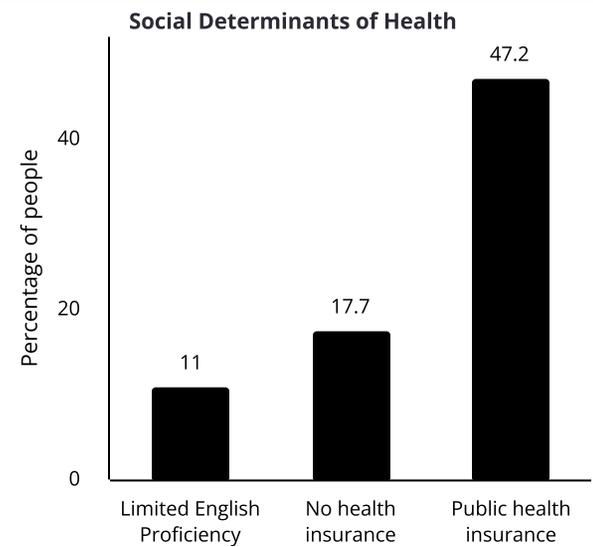
Jamaica, Queens

White 1.8%

Asian 15.2%

Black/African American 53.9%

Hispanic/Latino 18.1%

Multi-race, other 11%

43% Foreign Born

17% Below poverty line

Social Determinants of Health

Limited English Proficiency	No health insurance	Public health insurance
15	12.7	45.8

Percentage of people
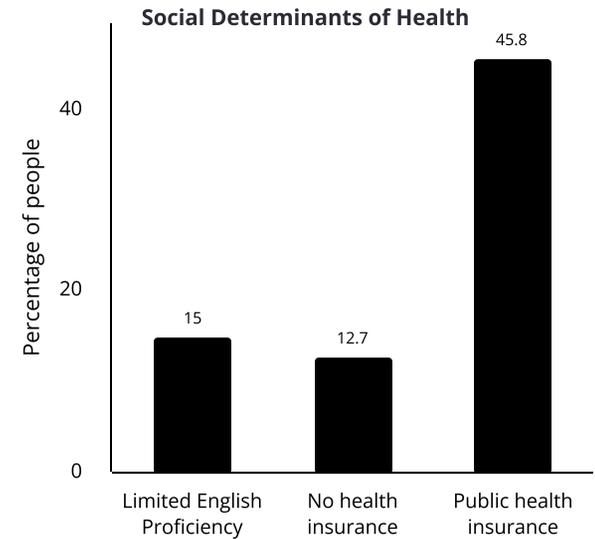
Corona/Jackson Heights, Queens
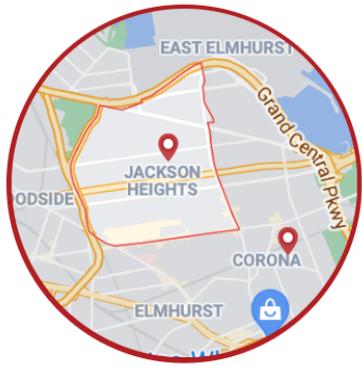
White 9.8%

Asian 19.2%

Black/African American 4.9%

Hispanic/Latino 63.3%

Multi-race, other 2.7%

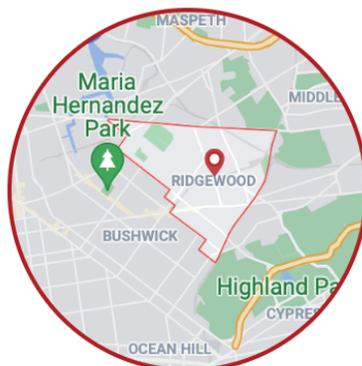**59% Foreign Born**

22% Below poverty line

Social Determinants of Health

Limited English Proficiency	No health insurance	Public health insurance
50	29.9	48.6

Percentage of people
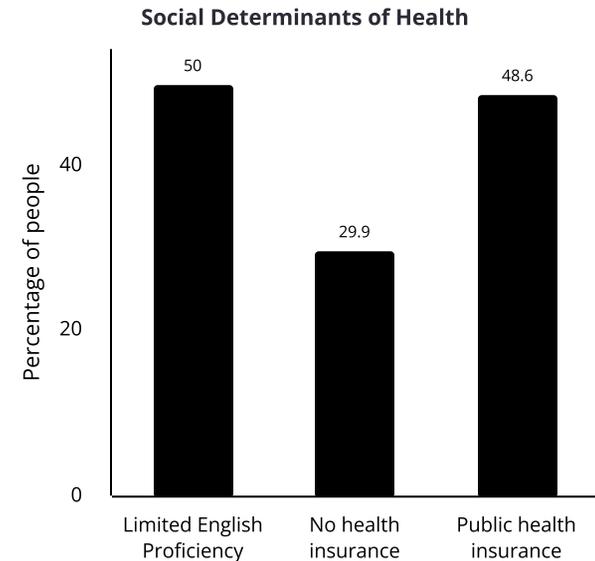
Ridgewood, Queens

White 48.1%

Asian 10.8%

Black/African American 2.2%

Hispanic/Latino 36%

Multi-race, other 2.9%

39% Foreign Born

15% Below poverty line

Social Determinants of Health

Limited English Proficiency	No health insurance	Public health insurance
24	15.2	35.9

Percentage of people

Data source: NYC DOHMH, Community Health Survey; U.S. Census Bureau, American Community Survey, Census-2020.
Google Maps (Accessed 1/16/2022)
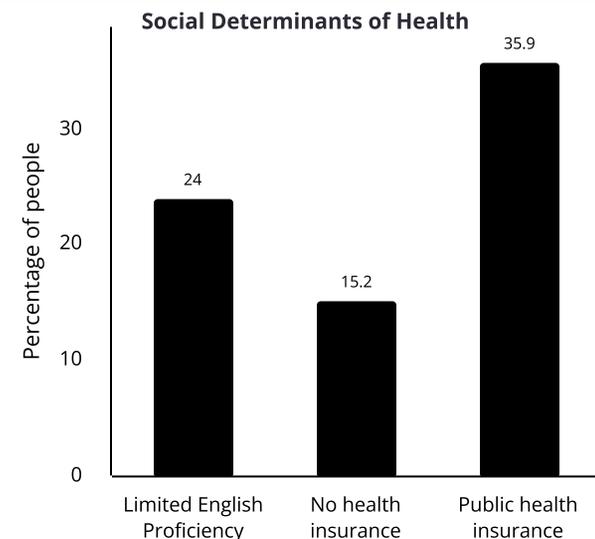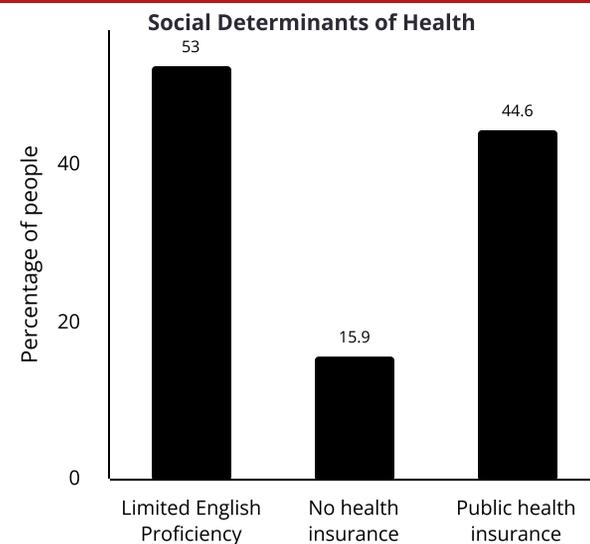
Flushing, Queens

White
20.7%

Asian
57.3%

Black/African
American
2%

Hispanic/
Latino
18.1%

Multi-race,
other
1.9%

57%
Foreign Born

24%
Below poverty line

Social Determinants of Health

Limited English Proficiency	No health insurance	Public health insurance
53	15.9	44.6

Percentage of people

Astoria/Long Island City, Queens

White
46%

Asian
15.2%

Black/African
American
7.8%

Hispanic/
Latino
25.4%

Multi-race,
other
5.5%

38%
Foreign Born

16%
Below poverty line

Social Determinants of Health

Limited English Proficiency	No health insurance	Public health insurance
22	10.4	36.6

Percentage of people
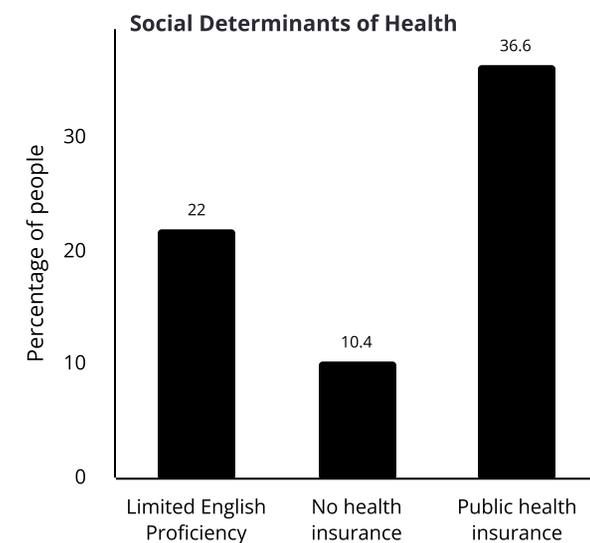
CONTACT US FOR MORE INFORMATION

Contact MCC's Office of Community Outreach and Engagement Team for help with:

Understanding catchment area data

Identifying patients and/or community members to serve as stakeholders on a grant

Learning about the community members and organizations that collaborate with the office

Facilitating connections to community-based organizations and residents for recruitment onto population-level studies

Determining the appropriate monetary compensation for stakeholder engagement in research

Community-engaged terminology (CEnR) for research proposals

Designing study materials that are culturally, linguistically, and literacy level appropriate for the target community

Analyzing and/or visualizing catchment area data for specific cancers for presentations and grants

Email: meyercancercoe@med.cornell.edu
Visit: https://meyercancer.weill.cornell.edu/community

Weill Cornell Medicine
Meyer Cancer Center