COVID-19 AND SOCIAL INEQUALITIES IN NEW YORK CITY

Jinwon Kim

Assistant Professor of Sociology
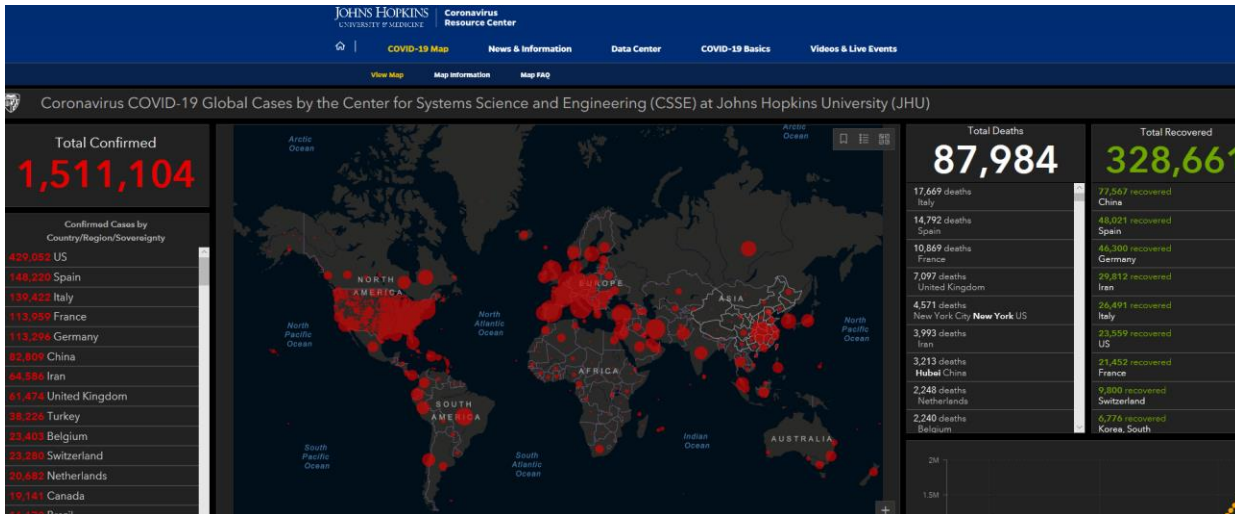
New York City College of Technology CUNY

OVERVIEW

- Brief overview: COVID-19 in the United States

- State/city level research
  - New York State and New York City
  - Intersectionality: race and class in Queens, New York City

- Racism and Asian America

- Unemployment and Rent Strike 2020

- What's next?
  - Race matters
  - Farm workers and undocumented immigrants

COVID-19 IN THE UNITED STATES

- Johns Hopkins University
  - https://coronavirus.jhu.edu/map.html

- CDC
  - https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html

HOTSPOTS IN THE UNITED STATES

10 cases • 10,000 cases

Zoom and hover over map for more detail

Boston

Chicago

Detroit

New York –New Jersey

Seattle

San Francisco-Bay

L.A.

New Orleans

Miami

Washington 8,600+
Montana 300+
North Dakota 200+
Minnesota 1,000+
Maine 500+
Oregon 1,100+
Idaho 1,200+
South Dakota 300+
Wisconsin 2,500+
Michigan 18,800+
New Hampshire 700+
New York 140,000+
Massachusetts 15,200+
Wyoming 200+
Iowa 1,000+
Pennsylvania 14,500+
New Jersey 44,400+
Nevada 2,100+
Utah 1,700+
Colorado 5,400+
Nebraska 400+
Illinois 13,500+
Indiana 5,500+
Ohio 4,700+
West Virginia 400+
Maryland 3,300+
California 17,500+
Kansas 900+
Missouri 3,000+
Kentucky 1,200+
Virginia 3,300+
Arizona 2,500+
New Mexico 700+
Oklahoma 1,400+
Arkansas 900+
Tennessee 4,000+
North Carolina 3,200+
South Carolina 2,400+
Georgia 9,100+
Alabama 2,100+
Mississippi 1,900+
Texas 8,900+
Louisiana 16,200+
Florida 14,700+
Alaska 200+
Hawaii 400+
Puerto Rico 500+

Note: The map shows the known locations of coronavirus cases by county. Circles are sized by the number of people there who have tested positive, which may differ from where they contracted the illness. Sources: State and local health agencies and hospitals.
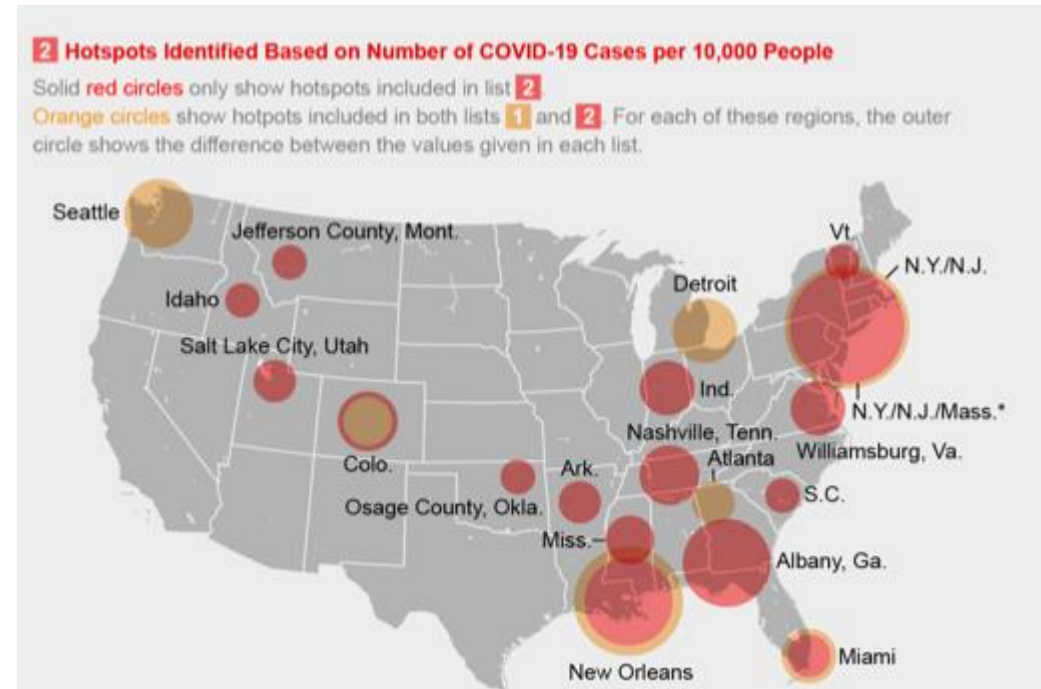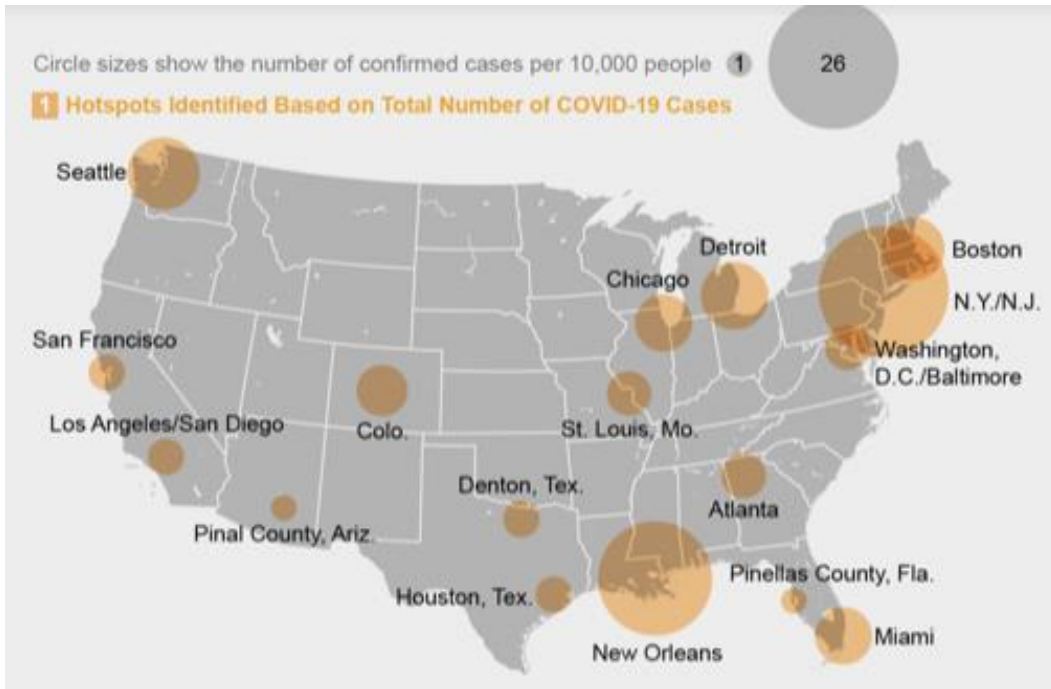
- The United States
  - Total cases: 424,963
  - Deaths: 14,613

- The New York Times
  - Updated April 8, 2020, 6:06 P.M. E.T.

HOTSPOTS IN THE UNITED STATES

- Based on total number of cases

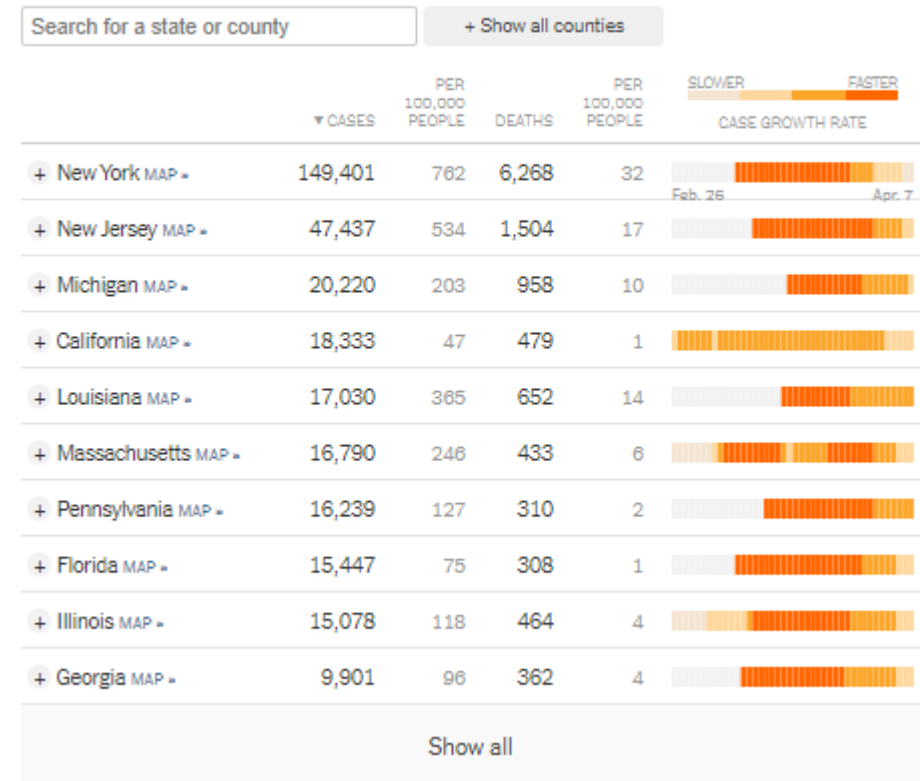- Based on number of cases per 10,000 people

NEW YORK STATE AND CITY

- Why city and state level research? Why New York?
  - Ununiformed executive order and policies by state.
    - No national lockdown
  - Different demographic characteristics.
  - New York
    - Epicenter in North America
    - New York State as of April 8, 2020, 6:06 P.M. E.T.
      - Total cases: **149,401**
      - Deaths: **6,268**

Cases and deaths by state and county

Search for a state or county   + Show all counties

	▼CASES	PER 100,000 PEOPLE	DEATHS	PER 100,000 PEOPLE	CASE GROWTH RATE
+ New York MAP ▪	149,401	762	6,268	32	
+ New Jersey MAP ▪	47,437	534	1,504	17	
+ Michigan MAP ▪	20,220	203	958	10	
+ California MAP ▪	18,333	47	479	1	
+ Louisiana MAP ▪	17,030	365	652	14	
+ Massachusetts MAP ▪	16,790	246	433	6	
+ Pennsylvania MAP ▪	16,239	127	310	2	
+ Florida MAP ▪	15,447	75	308	1	
+ Illinois MAP ▪	15,078	118	464	4	
+ Georgia MAP ▪	9,901	96	362	4	

SLOWER — FASTER (CASE GROWTH RATE); Feb. 26 — Apr. 7

Show all
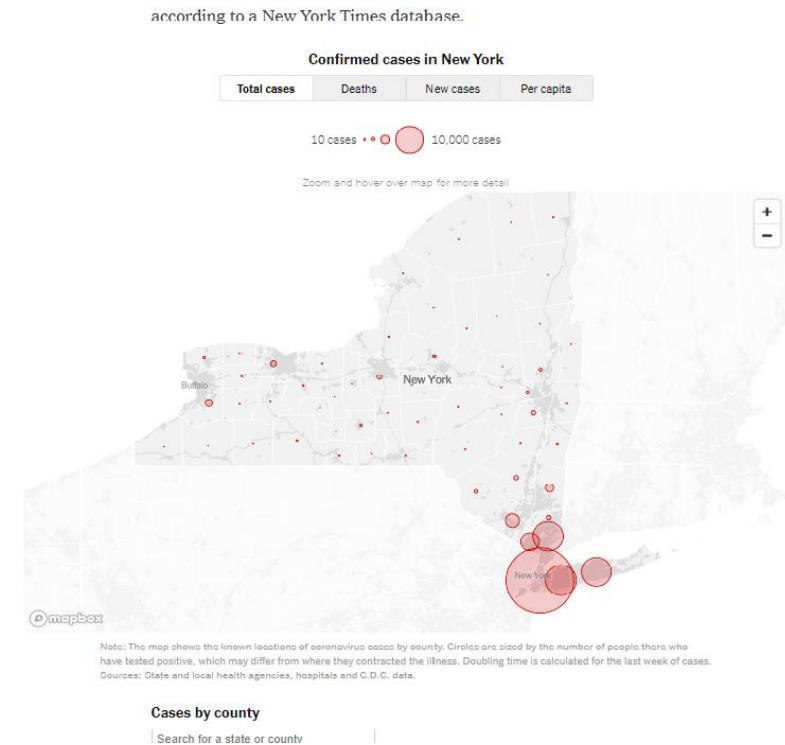
Source: The New York Times

Updated April 8, 2020, 6:06 P.M. E.T.

- Why New York City?
  - Epicenter of COVID-19 in United States
    - New York Metropolitan area
  - The largest city in the United States with high density.

- Statistical data
  - Cases: **80,204**
  - Deaths: **4,260**

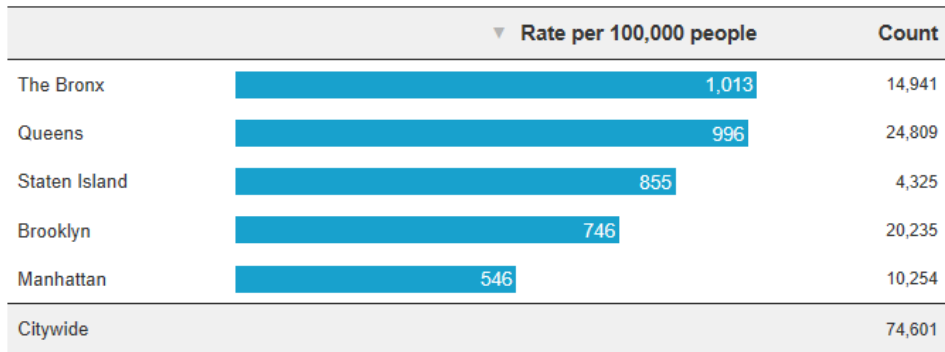Source: NYC Health, Coronavirus Disease 2019 (COVID-19) as of April 8, 2020 at 5:00 PM.

according to a New York Times database.

Confirmed cases in New York

| Total cases | Deaths | New cases | Per capita |

10 cases · • ◦ ○ ⬤ 10,000 cases

Zoom and hover over map for more detail

Buffalo   New York

New York

Note: The map shows the known locations of coronavirus cases by county. Circles are sized by the number of people there who have tested positive, which may differ from where they contracted the illness. Doubling time is calculated for the last week of cases. Sources: State and local health agencies, hospitals and C.D.C. data.

Cases by county

Search for a state or county

Source: The New York Times

Updated April 8, 2020, 6:06 P.M. E.T.

Borough	
- Bronx	15803 (20%)
- Brooklyn	21109 (27%)
- Manhattan	10642 (14%)
- Queens	25715 (33%)
- Staten Island	4661 (6%)
- Unknown	37

Rates by Borough

This chart shows the number of positive cases per 100,000 people in each borough. It indicates the spread of COVID-19 relative to each borough's population.
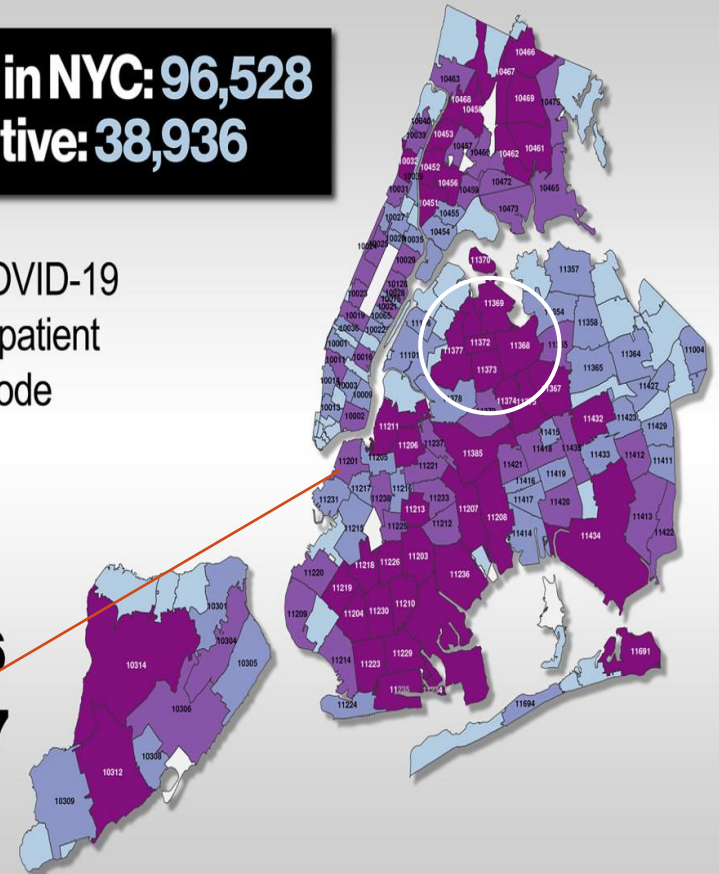
	Rate per 100,000 people	Count
The Bronx	1,013	14,941
Queens	996	24,809
Staten Island	855	4,325
Brooklyn	746	20,235
Manhattan	546	10,254
Citywide		74,601

Created with Datawrapper

Source: City of New York, April 8, 2020

Total tested in NYC: 96,528
Testing positive: 38,936

Total count of COVID-19 cases based on patient address by zip code

6-112
113-182
183-306
307-947

Orthodox Jews

New York Post, April 1 2020

Corona, Elmhurst and
Jackson Heights, Queens

Corona
Elmhurst

Jackson Heights

Coronavirus Cases by ZIP code

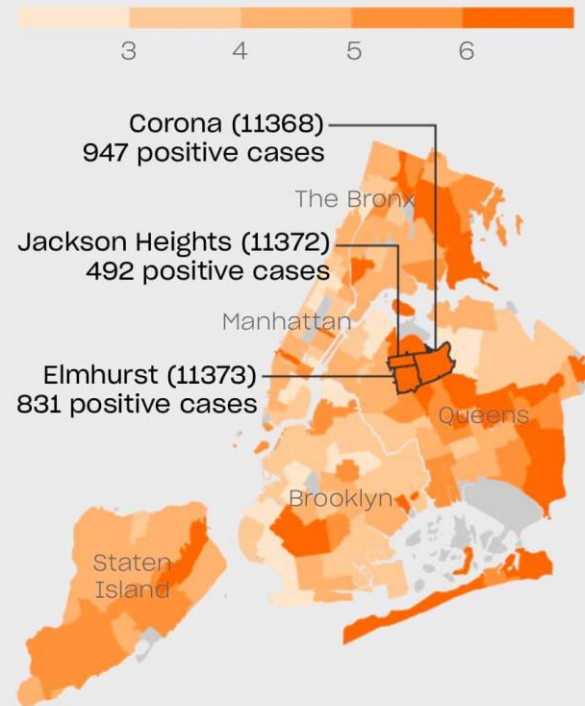| ZIP code	Borough	Total cases	Cases per 1,000 people
11368	Queens	947	9
11373	Queens	831	9
11219	Brooklyn	771	9
10467	Bronx	638	7
11230	Brooklyn	631	8
11211	Brooklyn	601	6
11204	Brooklyn	534	7
11372	Queens	492	8
10469	Bronx	470	7
10314	Staten Island	452	5
11691	Queens	436	7
11385	Queens	425	4
11375	Queens	418	6
11236	Brooklyn	416	5
11432	Queens	405	7
10468	Bronx	397	6
11213	Brooklyn	394	6
10453	Bronx	386	5
11210	Brooklyn	386	6
11370	Queens	378	12

Total tested in NYC:
96,528
Testing positive:
38,936

Total count of COVID-19
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Queens
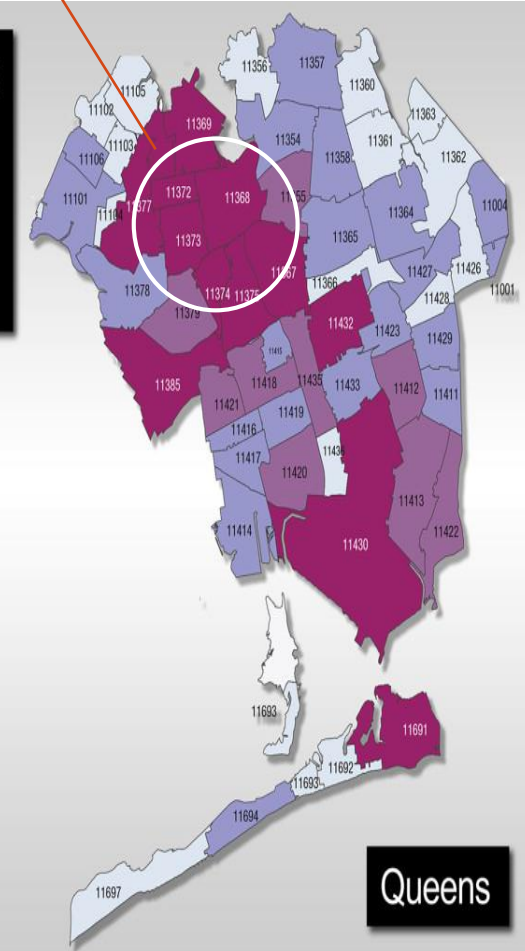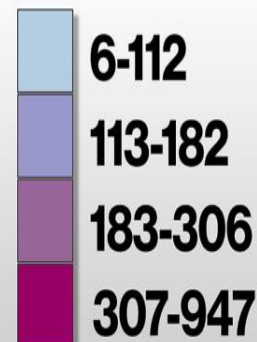
Corona, Elmhurst and Jackson Heights have NYC's highest concentration of COVID-19 cases

Positive tests for COVID-19 per 1,000 residents as of March 31, 2020 by ZIP code

3   4   5   6

Corona (11368)
947 positive cases

The Bronx

Jackson Heights (11372)
492 positive cases

Manhattan

Elmhurst (11373)
831 positive cases

Queens

Brooklyn

Staten Island

Source: NYC Department of Health and

- Why Corona, Elmhurst and Jackson Heights in Queens?

Lack of hospitals and hospital beds

Low-income families and immigrants

Frontline workers

LACK OF MEDICAL FACILITIES

- Elmhurst Hospital Center

- "'People Are Dying': 72 Hours Inside a NYC Hospital Battling Coronavirus."
  - The New York Times, March 25, 2020

A doctor at Elmhurst Hospital Center in Queens said it had faced "the first wave of this tsunami."
Dave Sanders for The New York Times

Demise of three Queens hospitals 11 years ago adds to pain of borough's coronavirus tragedies

- Lack of hospitals
  - Queens – 9 hospitals
  - Brooklyn - 15 hospitals /Manhattan 20 hospitals

- Lack of hospital beds
  - 1.66 beds per 1,000 residents in Queens
  - 2.18 in Brooklyn /5.67 in Manhattan

Source: State Department of Health, reported by Patch.com

CLASS & RACE MATTER

- Corona, Elmhurst and Jackson Heights
  - Queens VS. gentrified Brooklyn:
    - 4 times higher in Queens
  - Immigrant and working-class and low-income families.
    - Large (sometimes multiple) families in a small apartment
      - Harder to be quarantined

	Corona (11368)	Elmhurst (11373)	Jackson Heights (11372)	Manhattan	New York City
Hispanic or Latino (of any race)	75.5%	41.4%	57.2%	25.9%	29.2%
Race (one race) White Black Asian	37.7% 10.5% 12.0%	21.7% 2.1% 48.6%	57.3% 3.2% 20.5%	55.5% 4.5% 12.3%	42.2% 24.3% 14.2%
Foreign-born	60.1%	**67.0**%	58.4%	29.2%	36.8%

Source: ACS Profile Report: 2014-2018 (5-year estimates)

	Corona (11368)	Elmhurst (11373)	Jackson Heights (11372)	Manhattan	New York City
Median household income	$50,797	$51,183	$56,383	$85,066	$63,799
Persons below poverty	20.2%	**15.6%**	12.1%	15.5%	17.3 %
No insurance coverage (under 65)	25.8%	19%	15.2%	6.0%	8.2 %
Bachelor degree or higher	12.4%	26.4%	29.5%	61.4%	39 %

Source: ACS Profile Report: 2014-2018 (5-year estimates)

	Corona (11368)	Elmhurst (11373)	Jackson Heights (11372)	Manhattan	New York City
% of People living in rental homes	79.3%	69.4%	71.7%	73.7%	62.7 %
Average gross rent	$1,534	$1,518	$1,482	$1,866	$1,549
Occupants per room 1.00 or less 1.01-1.50 1.51 or more	70.3% 15.9% 13.7%	79.8% 11.4% 8.8%	87.3% 7.2% 5.5%	93.9% 3.0% 3.1%	90.9% 5.4% 3.6%
Commute to work (public transportation)	65.5%	70.4%	65.2%	59.9%	55.9 %

Source: ACS Profile Report: 2014-2018 (5-year estimates)

- Frontline workers in Corona, Elmhurst, and Jackson Heights
  - Higher percentage of people in
    - Food preparation and serving
    - Personal care and service (child care workers and aides to the elderly)

CaptainKangajew
@CaptainKangaJew

Replying to @baeegif and 4 others

I doubt it. I'd wager its that they have a higher portion of working class immigrants that are still working (see subway pic from this week) and more multi-generational households.

♡ 10   9:20 PM - Mar 27, 2020

See CaptainKangajew's other Tweets

BuzzFeed, April 1, 2020

RACISM AND ASIAN AMERICA

- MSNBC interview with Rep. Judy Chu (D-Calif.), March 31, 2020.
  - 1,000 cases reported in the past five weeks and averaging approximately 100 per day

- Texas
  - Midland
    - Stabbing three people including a 2-year-old and a 6-year-old child inside a Sam's Club in Midland on March 14.

Angelo State University, March 27
Source: San Angelo Live, April 3

- Hate crime in New York City

NEWS

NYPD Investigating Hate Crime After Asian Woman Allegedly Punched For Not Wearing Face Mask

BY SOPHIA CHANG

MARCH 11, 2020 12:56 P.M. • 60 COMMENTS

EMBED <>   MORE VIDEOS ▶

Dave Evans has the latest on a disturbing new video which shows what appears to be a racially-motivated crime sparked by fear over the coronavirus.

- Spraying Febreeze air freshener at an Asian man

Police in New York released video of an apparent acid attack in Brooklyn

The unidentified female was in the company of three other females when they approached a 51-year-old female while on board an MTA bus. NYPD

- Three teenage girls and one woman made anti-Asian comments and hit an Asian woman on the head with an umbrella.

- Acid attack in Brooklyn, April 5
  - Source: amNY, April 7

UNEMPLOYMENT AND RENT STRIKE 2020

:TheUpshot

The Unemployment Rate Is Probably Around 13 Percent

It's almost certainly at its highest level since the Great Depression. Here's how we estimated it.
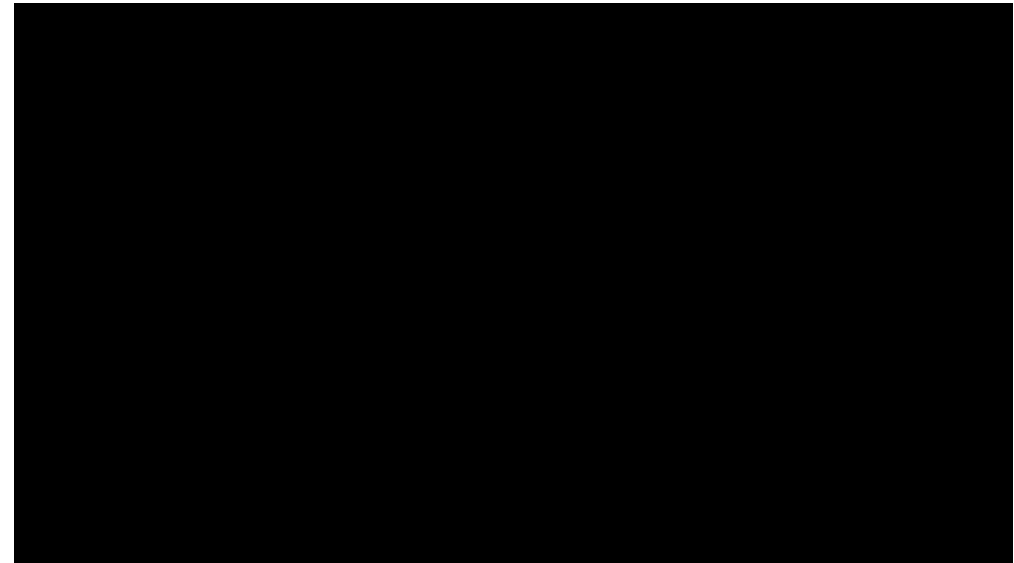
By Justin Wolfers

April 3, 2020

f t ✉ ↪ ⬜ [82]

By The New York Times | Sources: Bureau of Labor Statistics; Historical Statistics of the United States (annual estimates before 1948)

U.S Weekly initial jobless claims

- More than 366,000 people filed for unemployment in the week of March 22
  - About 15,800 at the same time in 2019
    Data: New York's Department of Labor.

A survey from March 20 to 22 by the CUNY Graduate School of Public Health and Health Policy

40% of N.Y. Tenants May Not Pay Rent This Month. What Happens Then?

Many unemployed tenants won't be able to pay April rent. There will be a domino effect on landlords, real estate industry officials said.

Henry True said he had lost all of his freelance jobs and could not pay his $600 rent for a shared Brooklyn apartment. *Sarah Blesener for The New York Times*
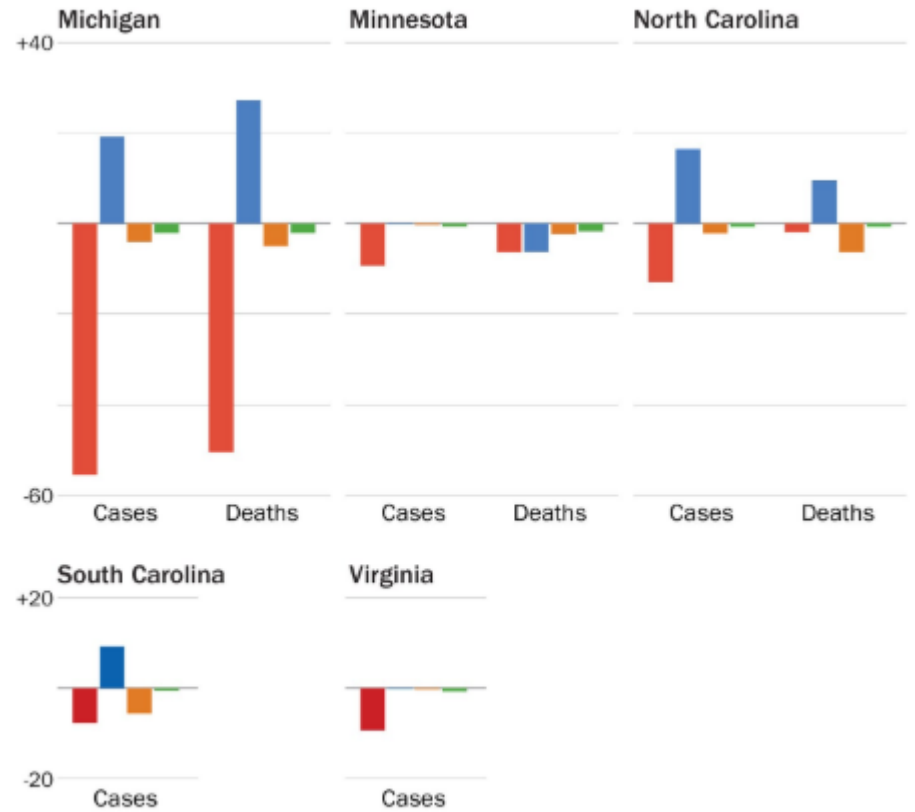
By **Matthew Haag**

- 2/3 of New York City population- renters

- Domino effect
  - Some landlords: water and sewer bills for their properties
  - Property taxes (due by July 1)
    - 30% of the city's revenue

- A 90-day moratorium on evictions by Gov. Andrew M. Cuomo of New York
  - Rent strike?

WHAT'S NEXT?

- Race matters

How covid-19 cases compare to state demographics
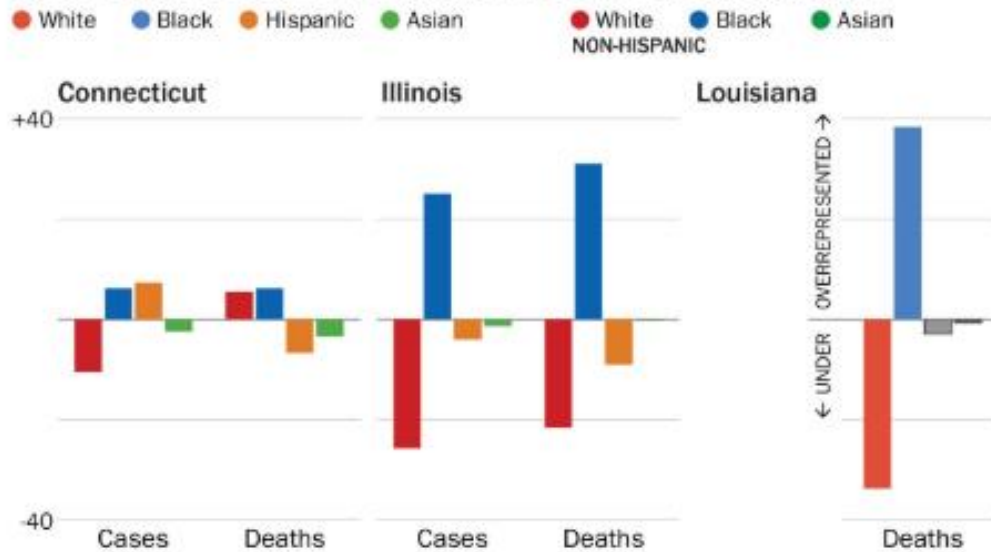
Source: State Departments of Health, Graphs created by The Washington Post, April 7, 2020

- Preliminary data by New York City

	COVID-19 Deaths	Racial makeup in NYC
Hispanic	34%	29%
Black	28%	22%
White	27%	32%
Asian	7%	14%

- Hispanics: 22 deaths per 100,000 people.
- Blacks: 20 deaths per 100,000.
- Whites: 10 deaths per 100,000.
- Asians: 8 deaths per 100,000.

- City of New York
  - Released in April, 8, 2020

- The Bronx

NYC Boroughs Total Deaths

— Bronx — Brooklyn — Manhattan — Queens — Staten Island
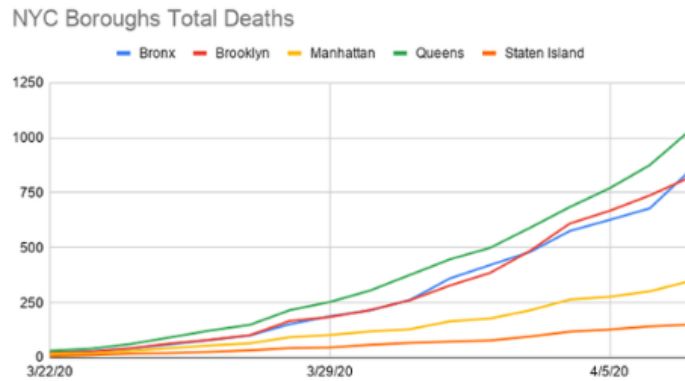
When viewed by borough, Queens has the most deaths because it has the most population and the highest number of cases.

NYC Boroughs Total Deaths Per 100,000 Population

— Bronx — Brooklyn — Manhattan — Queens — Staten Island
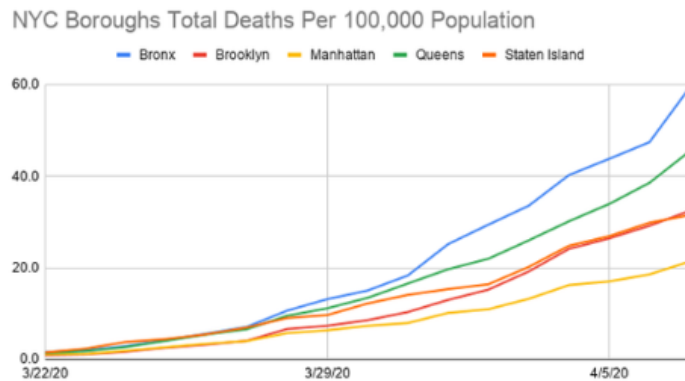
- Pre-existing Conditions: diabetes, asthma and hypertension.

- Less testing availability

- NYCHA development

Source: The City, April 3, 2020/Graphs: Gothamist, April 7

- Chicago
  - Black: 70% of Chicago's death from COVID-19
    - (29% of Chicago's population)

    - Source: The Guardian, April 8, 2020

- New Orleans
  - Death rate in New Orleans
    - 37.93 per 100,000 people as of April 3
      - 18.86 per 100,000 people in New York City
    - 70% of deaths in Louisiana Black
      - (32% of the population in the state)
  - Health conditions among residents
    - High rates of obesity, diabetes, hypertension, heart disease and kidney disease.

    - Source: New York Post, April 5.

- Michigan
  - Particularly Detroit
    - 77% of the city population–black
  - The black population in Michigan: 13%
    - 1/3 of the infections
    - 40% of the deaths
    (Detroit Metro Times, April 5, 2020)

- Michigan Data

Cases by Race

Race	Percentage of Overall Cases by Race	Percentage of Deceased Cases by Race
American Indian or Alaska Native	<1%	<1%
Asian/Pacific Islander	1%	1%
Black or African American	33%	40%
Caucasian	23%	29%
Multiple Races	2%	1%
Other	3%	3%
Unknown	37%	25%

Totals may not add to 100% due to rounding

Cases by Ethnicity

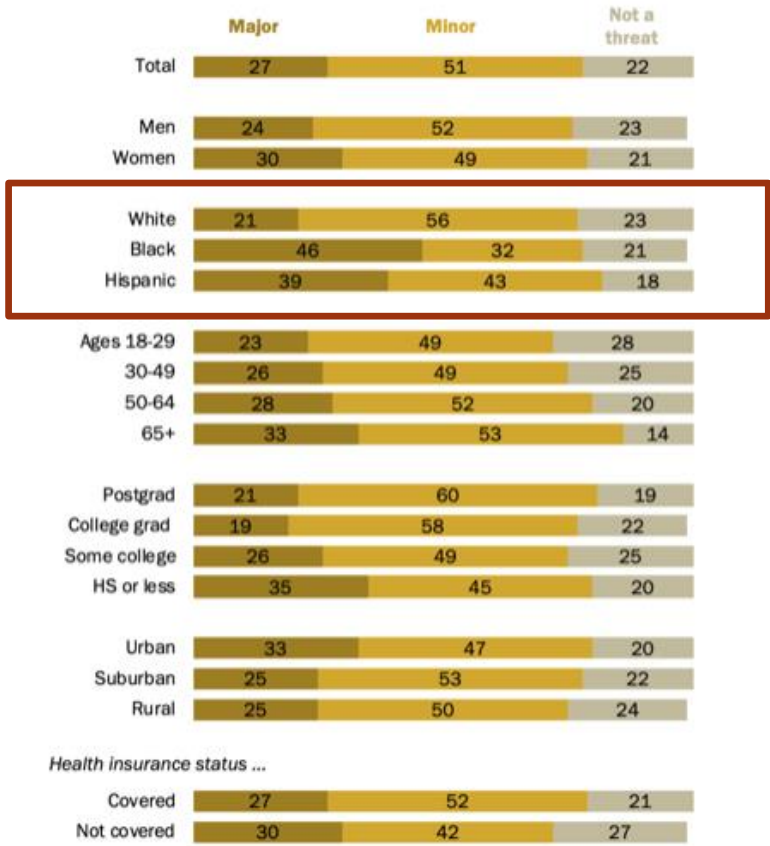| Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	1%	<1%
Non-Hispanic Latino	46%	59%
Unknown	53%	40%

Totals may not add to 100% due to rounding

- Source: State of Michigan

Personal health concerns over the coronavirus higher among black and Hispanic people than white people

% who say the coronavirus outbreak is a ____ threat to their personal health

	Major	Minor	Not a threat
Total	27	51	22
Men	24	52	23
Women	30	49	21
White	21	56	23
Black	46	32	21
Hispanic	39	43	18
Ages 18-29	23	49	28
30-49	26	49	25
50-64	28	52	20
65+	33	53	14
Postgrad	21	60	19
College grad	19	58	22
Some college	26	49	25
HS or less	35	45	20
Urban	33	47	20
Suburban	25	53	22
Rural	25	50	24

Health insurance status ...

	Major	Minor	Not a threat
Covered	27	52	21
Not covered	30	42	27

Note: No answer responses not shown.
Source: Survey of U.S. adults conducted March 10-16, 2020.

PEW RESEARCH CENTER

- The coronavirus as a threat to their health
  - 46% of black people
  - 21% of white people
  - 39% of Hispanic people

- Source: Pew Research Center, March 18, 2020

- Farm workers

Migrant or seasonal farm workers make up 254,000 of California's agricultural workforce. They are also reporting a lack of personal protections and sick days.

- Undocumented immigrants
  - Over 4 percent of the country's labor force (7 million)
  - Little job security
    - Lost jobs in construction, restaurants and other service sectors
    - No paid sick leave
  - Not able to have the federal relief fund
    - Many of them pay taxes by using Individual Tax Identification Number(ITIN)
- Source: Washington Post, April 5