The COVID-19 Crisis in New York City

- 22,321 COVID-19 related deaths in NYC
- At least 1-in-5 residents tested positive for antibodies
- Over 800,000 residents newly unemployed
- City faces budget shortfall of $9.5 billion
- From March 22\textsuperscript{nd} to June 7\textsuperscript{th} all social & economic activity in New York City was severely curtailed

Website: [https://www1.nyc.gov/site/doh/covid/covid-19-data.page](https://www1.nyc.gov/site/doh/covid/covid-19-data.page)
Census Tract Centroids Allocated into Hospital Service Areas
Northern portion of Queens, NY
Tract Based Hospital Service Areas
New York City
Hospital Service Area
Elmhurst Hospital, Queens NY

Population FactFinder

Demographic Profile

2014-2018 American Community Survey (ACS)


Age and Sex

<table>
<thead>
<tr>
<th>Selected Area</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Estimate</td>
<td>MOE</td>
</tr>
<tr>
<td>Total population</td>
<td>372,058</td>
<td>5,299</td>
</tr>
<tr>
<td>Male</td>
<td>188,136</td>
<td>3,326</td>
</tr>
<tr>
<td>Female</td>
<td>183,922</td>
<td>3,219</td>
</tr>
<tr>
<td>Under 5 years</td>
<td>24,285</td>
<td>1,397</td>
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<tr>
<td>5 to 9 years</td>
<td>20,470</td>
<td>1,074</td>
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<tr>
<td>10 to 14 years</td>
<td>20,623</td>
<td>1,060</td>
</tr>
<tr>
<td>15 to 19 years</td>
<td>18,340</td>
<td>1,027</td>
</tr>
<tr>
<td>20 to 24 years</td>
<td>22,279</td>
<td>1,167</td>
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<tr>
<td>25 to 29 years</td>
<td>30,432</td>
<td>1,408</td>
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<tr>
<td>30 to 34 years</td>
<td>32,343</td>
<td>1,392</td>
</tr>
<tr>
<td>35 to 39 years</td>
<td>31,742</td>
<td>1,312</td>
</tr>
</tbody>
</table>

NYC Population FactFinder website: https://popfactfinder.planning.nyc.gov/
Target Areas for Summer Youth Programs
New York City Neighborhood Tabulation Areas (NTAs)*

- **Group 1**: (10 NTAs) Greatest Need
- **Group 2**: (10) Great Need
- **Group 3**: (10)

*Based on percent of population ages 14 to 24, percent of population ages 14 to 24 in poverty, overcrowding, and density.

*Neighborhood Tabulation Areas or NTAs, are aggregations of census tracts that are subsets of New York City’s 55 Public Use Microdata Areas (PUMAs). Primarily due to these constraints, NTA boundaries and their associated names may not definitively represent neighborhoods.

Sources: U.S. Census Bureau, 2010 Census STF 1; 2014-2018 American Community Survey, Summary File
Percent Change in MetroCard Swipes (March 21-27 vs. Jan./Feb. Weekly Avg.)

- Decline of 90% to 100%
- -80% to -89.9%
- -70% to -79.9%
- -60% to -69.9%
- -50% to -59.9%

Percent of Workers in Healthcare (Workers at place of residence)

- 23% to 33%
- 13% to 22.9%
- Less than 13%

There is less than a 10% chance any given geography in this map is misclassified due to sampling error. For each individual category, there is less than a 20% chance that any given geography is misclassified due to sampling error.

Sources: U.S. Census Bureau, 2014-2018 American Community Survey, Summary Files; MTA Fare Data (http://web.mta.info/developers/ fare.html)
Map Reliability Calculator

How error prone is your map? If you’re mapping American Community Survey (ACS) data, then our Map Reliability Calculator will help guide you in the creation of statistically reliable map categories.

- Map Reliability Calculator (2.5k geo limit — faster)
- Map Reliability Calculator (75k geo limit — slower)

For examples of how to use the Map Reliability Calculator, see case study #2 in the U.S. Census Bureau’s ACS Handbook on What State and Local Government Users Need to Know.

Watch our presentation to the Centers for Disease Control and Prevention (CDC) for a broad overview of issues related to mapping ACS data and background on the Map Reliability Calculator.

Map Reliability Calculator website: https://www1.nyc.gov/site/planning/planning-level/nyc-population/nyc-population-map-reliability-calculator.page
Commute Mode by Workplace for Retail Workers
New York City Boroughs, 2014-2018

Means of Transportation
- Worked at Home
- Subway
- Other*
- Bus
- Car, Truck, or Van

*Other includes streetcar, rail, ferry, taxi, motorcycle, bicycle, walked, and other means

Source: U.S. Census Bureau, 2014-2018 American Community Survey, PUMS
COVID-19 Death Rate by Neighborhood Poverty
New York City ZIP Code Tabulation Areas (ZCTAs)

COVID Death Rate (per 100,000)

- Low Poverty
- Medium Poverty
- High Poverty
- Very High Poverty

Neighborhood poverty is the percent of a ZIP code’s population living below the Federal Poverty Level, per the 2013-2017 American Community Survey. Low poverty: under 10%; Medium poverty: 10% to 19.9%; High poverty: 20% to 29.9%; Very high poverty: 30% and over.