

March 31, 2020

Analysis of COVID-19 Infection Rate in NYC Jails

Coronavirus Infection Rates as of March 31, 2020

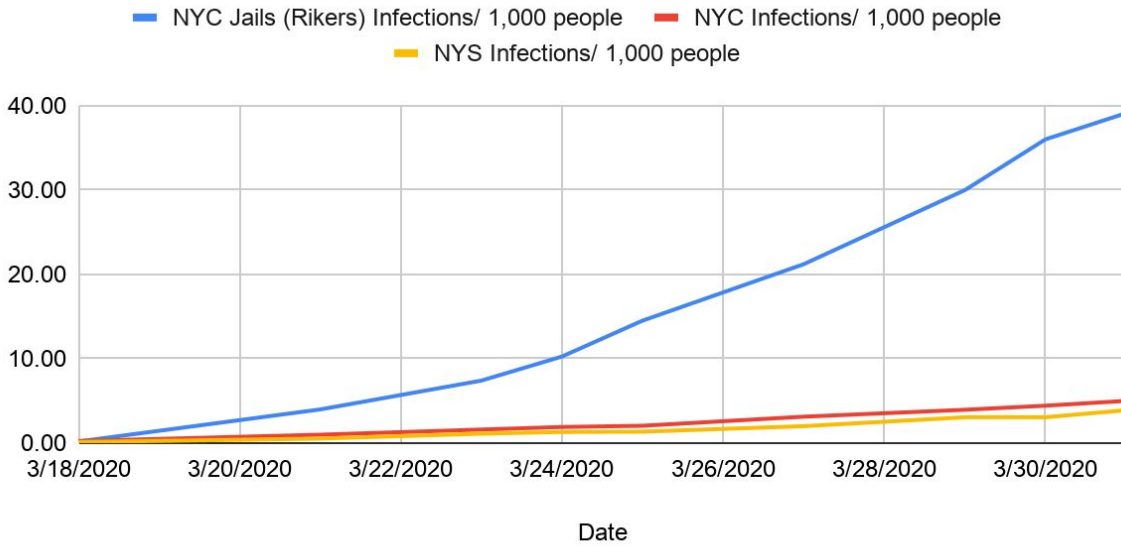
Locations:	Cases*	Population	Infection Rate	Infections/ 1,000 people
NYC Jails (Rikers)**	180	4,604	3.910%	39.10
New York City	40,900	8,175,133	0.500%	5.00
New York State	75,795	19,440,469	0.390%	3.90
United States	176,518	331,002,651	0.053%	0.53
Hubei Province (Wuhan)	67,801	59,020,000	0.115%	1.15
China	81,518	1,439,323,776	0.006%	0.06
Lombardy, Italy	42,161	10,040,000	0.420%	4.20
Italy	105,792	60,461,826	0.175%	1.75
*last updated	March 31st at 3:30PM			

** This is not the cumulative number of cases of people who have contracted COVID-19 while detained in NYC jails. NYC DOC is releasing the daily number of people currently in NYC Jails who have tested positive for COVID-19, which does not include those who contracted COVID-19 in DOC custody who have been released. It may also not reflect the number of those in DOC custody who are hospitalized. The Legal Aid Society is seeking clarity from the Department of Correction to get accurate and cumulative data.

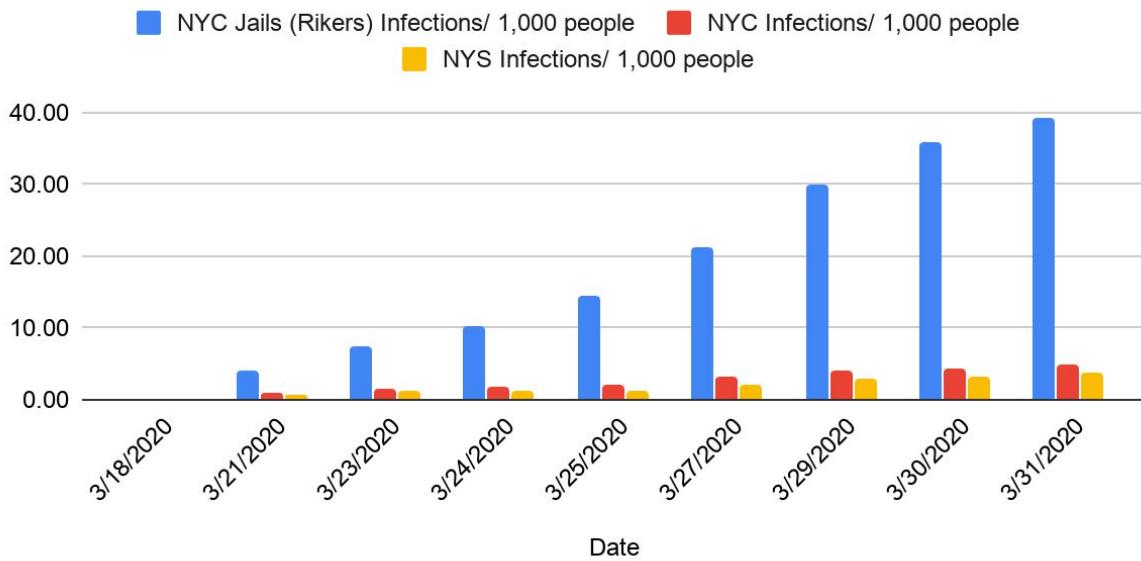
Rikers Island Comparisons	
NYC Jails, primarily Rikers Island, have an infection rate X times higher than:	
	X
New York City	7.81
New York State	10.03
United States	73.31
Hubei Province (Wuhan)	34.03
China	690.31
Lombardy, Italy	9.31
Italy	22.34

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NYC Jails (Rikers) Infections/ 1,000 people, NYC Infections/ 1,000 people and NYS Infections/ 1,000 people



NYC Jails (Rikers) Infections/ 1,000 people, NYC Infections/ 1,000 people and NYS Infections/ 1,000 people



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Chart Citations:

	Cases*	Population
NYC Jails (Rikers)	This is according to a report from the DOC on March 31, 2020, obtained by and on file with the Legal Aid Society.	NYC OpenData, Daily Inmates In Custody, https://data.cityofnewyork.us/Public-Safety/Daily-Inmates-In-Custody/7479-ugqb (last updated March 31, 2020). New numbers are posted each day at around 3:30pm.
New York City	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, (March 31, 2020 2:00 PM), https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf , Daily Updates available at: Daily updates available at: https://www1.nyc.gov/site/doh/covid/covid-19-main.page	Worldometer, Main Cities by Population in the U.S.A., https://www.worldometers.info/world-population/us-population/ (last visited March 25, 2020).
New York State	Mitch Smith, et al., Coronavirus in the U.S.: Latest Map and Case Count, N.Y. Times (March 31, 2020 2:00 PM), https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html#g-us-map .	World Population Review, New York Population 2020, https://worldpopulationreview.com/states/new-york-population/ (last visited March 25, 2020).
United States	Worldometer, Confirmed Cases and Deaths by Country, Territory, or Conveyance, https://www.worldometers.info/coronavirus/#countries (last visited March 31, 2020, 2:00 PM).	Worldometer, Countries in the world by population (2020), https://www.worldometers.info/world-population/population-by-country/ (last visited March 25, 2020).
Hubei Province	Lai Lin Thomala, Confirmed, death and recovery cases of COVID-19 in Greater China 2020, by region, Statista (March 31, 2020), https://www.statista.com/statistics/1090007/china-confirmed-and-suspected-wuhan-coronavirus-cases-region/ (last visited March 31, 2020 2:00 PM).	Knoema, World Data Atlas, China, Hubei, https://knoema.com/atlas/China/Hubei (last visited March 25, 2020).
China	Worldometer, Confirmed Cases and Deaths by Country, Territory, or Conveyance, https://www.worldometers.info/coronavirus/#countries (last visited March 31, 2020, 2:00 PM).	Worldometer, Countries in the world by population (2020), https://www.worldometers.info/world-population/population-by-country/ (last visited March 25, 2020)
Lombardy, Italy	Statista, Coronavirus (COVID-19) cases in Italy as of March 30, 2020, by region, https://www.statista.com/statistics/1099375/coronavirus-cases-by-region-in-italy/ (last visited March 31, 2020, 2:00 PM).	Google, "Lombardy Italy Population," https://www.google.com/publicdata/explore?ds=mo4pjpima872_&met_y=population&idim=subregion:ITC4:ITH3:IT14&hl=en&dl=en , (citing Eurostat, 2018) (last visited March 25, 2020).
Italy	Worldometer, Confirmed Cases and Deaths by Country, Territory, or Conveyance, https://www.worldometers.info/coronavirus/#countries (last visited March 31, 2020, 2:00 PM).	Worldometer, Countries in the world by population (2020), https://www.worldometers.info/world-population/population-by-country/ (last visited March 25, 2020)

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Graph Citations:

Date	NYC Jails (Rikers)	New York City	New York State
3/18/2020	Chelsia Rose Marcus, Rikers Island inmate has contracted coronavirus: officials, N.Y. Daily News (March 18, 2020), https://www.nydailynews.com/coronavirus/ny-coronavirus-rikers-island-inmate-tests-positive-20200318-gf3r7q4cefaxzmqmrmuevzz3y-story.html	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, (March 24, 2020 5:00 PM), https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf .	N.Y. Times, As Testing Expands, Confirmed Cases of Coronavirus in NYC Near 2000 (March 18, 2020), https://www.nytimes.com/2020/03/18/nyregion/coronavirus-new-york-update.html
3/21/2020	N.Y. Times, 'A Storm is Coming': Fears of an Inmate Epidemic as the Virus Spreads in the Jails, (March 20, 2020), https://www.nytimes.com/2020/03/20/nyregion/nyc-coronavirus-rikers-island.html	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, (March 24, 2020 5:00 PM), https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf .	N.Y. Times, N.Y. Weighs Four Temporary Hospital Sites, Including Javits Center, (March 21, 2020), https://www.nytimes.com/2020/03/21/nyregion/coronavirus-new-york-update.html
3/23/2020	NYC DOC Daily Report, March 23, 2020.	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, (March 24, 2020 5:00 PM), https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf .	N.Y. Times, Coronavirus 'Attack Rate' in N.Y. Concerns White House, (March 23, 2020), https://www.nytimes.com/2020/03/23/nyregion/coronavirus-new-york-update.html
3/24/2020	NYC DOC Daily Report, March 24, 2020.	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, (March 24, 2020 5:00 PM), https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf .	N.Y. Times, Trump Expresses Outrage at Having to 'Close the Country' to Slow Virus, (March 24, 2020), https://www.nytimes.com/2020/03/24/world/coronavirus-news-live-updates.html#link-4a7a220 .
3/25/2020	NYC DOC Daily Report, March 25, 2020.	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, (March 25, 2020 9:15 AM), https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf .	Chas Danner et al., Coronavirus in New York: Latest Updates, N.Y. Mag. Intelligencer (updated March 25, 2020 9:32 AM), https://nymag.com/intelligencer/2020/03/new-york-coronavirus-cases-updates.html .
3/27/2020 to present	NYC DOC Daily Reports, obtained by and on file with the Legal Aid Society.	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, https://www1.nyc.gov/site/doh/covid/covid-19-main.page	Mitch Smith, et al., Coronavirus in the U.S.: Latest Map and Case Count, N.Y. Times (live updates), https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html#g-us-map .



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Data and updates available at: <https://legalaidnyc.org/covid-19-infection-tracking-in-nyc-jails/>