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Analysis of COVID-19 Infection Rate in NYC Jails

Coronavirus Infection Rates as of April 6, 2020

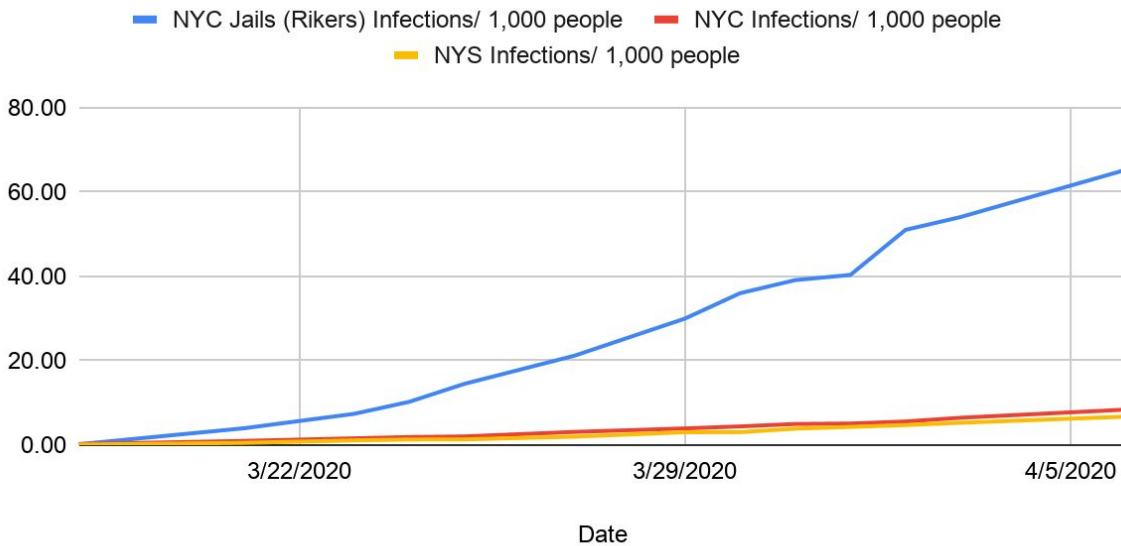
Locations:	Cases*	Population	Infection Rate	Infections/ 1,000 people
NYC Jails (Rikers)**	286	4,383	6.525%	65.25
New York City	68,776	8,175,133	0.841%	8.41
New York State	131,239	19,440,469	0.675%	6.75
United States	367,004	331,002,651	0.111%	1.11
Hubei Province (Wuhan)	67,803	59,020,000	0.115%	1.15
China	81,708	1,439,323,776	0.006%	0.06
Lombardy, Italy	51,534	10,040,000	0.513%	5.13
Italy	132,547	60,461,826	0.219%	2.19
*last updated	4/6/2020 at 10:50 PM			

** 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.

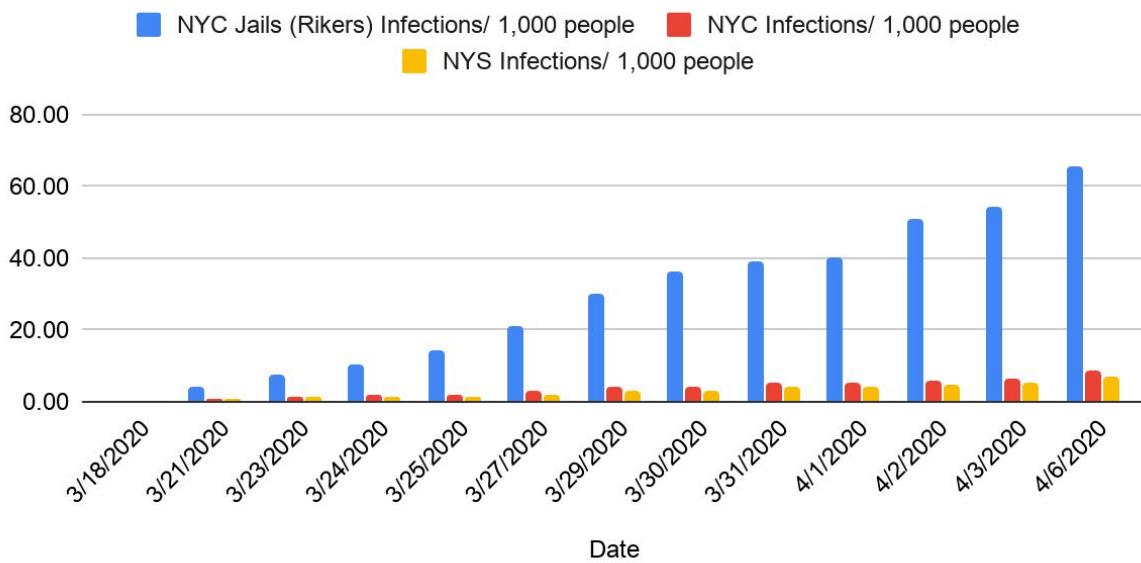
Rikers Island Comparisons	
NYC Jails, primarily Rikers Island, have an infection rate X times higher than:	
	X
New York City	7.76
New York State	9.67
United States	58.85
Hubei Province (Wuhan)	56.80
China	1,149.45
Lombardy, Italy	12.71
Italy	29.77

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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)	Board of Correction, Daily Covid-19 Update, Monday April 6, 2020, https://www1.nyc.gov/assets/boc/downloads/pdf/News/covid-19/Public_Reports/Board%20of%20Correction%20Daily%20Public%20Report_4_6_2020.pdf .	NYC OpenData, Daily Inmates In Custody, https://data.cityofnewyork.us/Public-Safety/Daily-Inmates-In-Custody/7479-ugqb (last updated April 6, 2020). New numbers are posted each day at around 3:30pm.
New York City	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, (April 6, 2020), 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-data.page (Last Visited April 6, 2020).	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 (April 6, 2020 9:00 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 April 6, 2020, 9:00 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 (April 3, 2020), https://www.statista.com/statistics/1090007/china-confirmed-and-suspected-wuhan-coronavirus-cases-region/ (last visited April 6, 2020 9:00 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 April 6, 2020, 9:00 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 April 3, 2020, by region, https://www.statista.com/statistics/1099375/coronavirus-cases-by-region-in-italy/ (last visited April 6, 2020, 9:00 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 April 6, 2020, 9:00 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
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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
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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/>