

April 9, 2020

Analysis of COVID-19 Infection Rate in NYC Jails

Coronavirus Infection Rates as of April 9, 2020

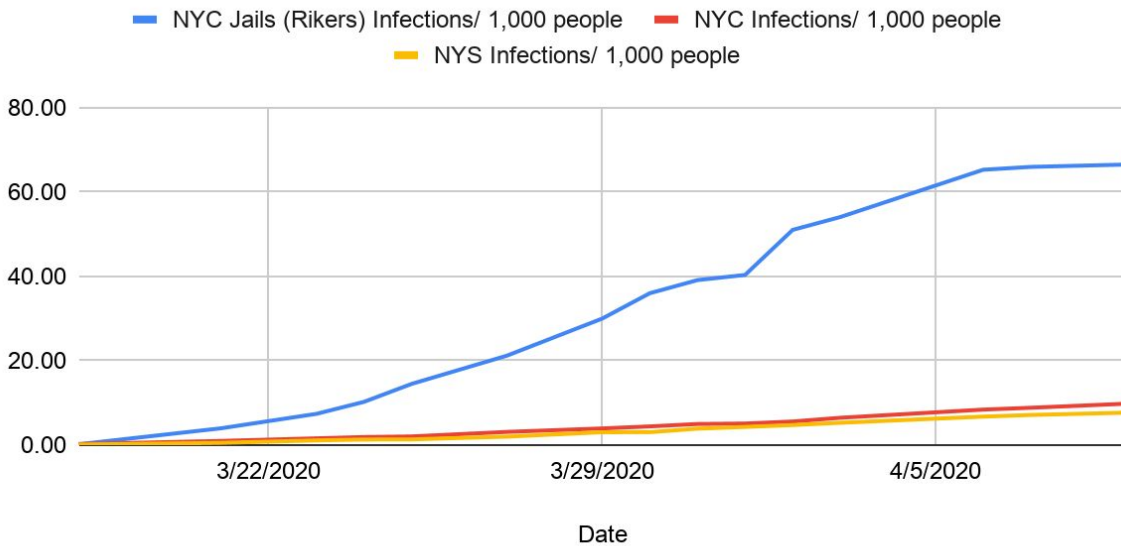
Locations:	Cases*	Population	Infection Rate	Infections/ 1,000 people
NYC Jails (Rikers)**	288	4,263	6.756%	67.56
New York City	84,373	8,175,133	1.032%	10.32
New York State	159,937	19,440,469	0.823%	8.23
United States	462,391	331,002,651	0.140%	1.40
Hubei Province (Wuhan)	67,803	59,020,000	0.115%	1.15
China	81,865	1,439,323,776	0.006%	0.06
Lombardy, Italy	54,802	10,040,000	0.546%	5.46
Italy	143,626	60,461,826	0.238%	2.38
*last updated	4/9/2020 at 9:55 PM			

** This is not the cumulative number of cases of people who have contracted COVID-19 while detained in NYC jails. NYC BOC is releasing the daily number of people currently incarcerated in DOC custody who have tested positive for COVID-19, which does not include those who contracted COVID-19 in DOC custody who have been released, transferred, or died while in custody.

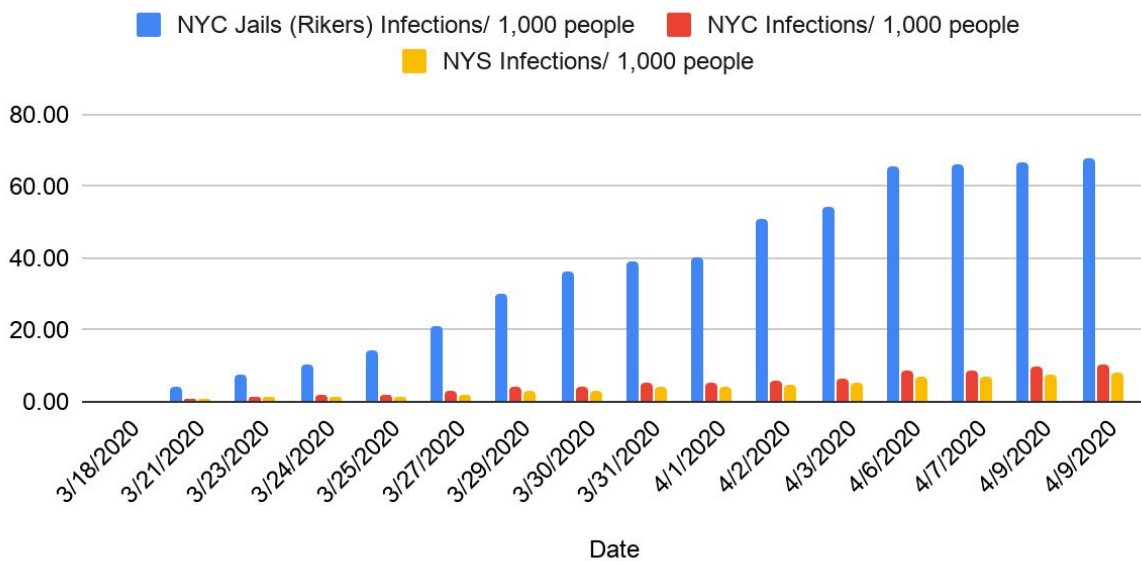
Rikers Island Comparisons	
NYC Jails, primarily Rikers Island, have an infection rate X times higher than:	
	X
New York City	6.55
New York State	8.21
United States	48.36
Hubei Province (Wuhan)	58.81
China	1,187.78
Lombardy, Italy	12.38
Italy	28.44

April 9, 2020

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



April 9, 2020

Chart Citations:

	Cases*	Population
NYC Jails (Rikers)	Board of Correction, Daily Covid-19 Update, Thursday, April 9, 2020, https://www1.nyc.gov/assets/boc/downloads/pdf/News/covid-19/Public_Reports/Board%20of%20Correction%20Daily%20Public%20Report_4_9_2020_to%20publish.pdf	NYC OpenData, Daily Inmates In Custody, https://data.cityofnewyork.us/Public-Safety/Daily-Inmates-In-Custody/7479-ugqb (last updated April 8, 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 9, 2020, 9:30 AM), https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary-04092020-1.pdf ; Daily Updates available at: https://www1.nyc.gov/site/doh/covid/covid-19-data.page (Last Visited April 9, 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	Coronavirus in the U.S.: Latest Map and Case Count, N.Y. Times (April 9, 2020 5:31 PM), https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html#states .	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 9, 2020, 5:29 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 9, 2020), https://www.statista.com/statistics/1090007/china-confirmed-and-suspected-wuhan-coronavirus-cases-region/ (last visited April 9, 2020 5:32 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 9, 2020, 5:29 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 9, 2020, by region, https://www.statista.com/statistics/1099375/coronavirus-cases-by-region-in-italy/ (last visited April 9, 2020, 5:30 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 9, 2020, 5:29 PM).	Worldometer, Countries in the world by population (2020), https://www.worldometers.info/world-population/population-by-country/ (last visited March 25, 2020)

April 9, 2020

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 .
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3/27/2020 to 4/5/2020	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 .
4/6/2020 to Present	Board of Correction, Daily Covid-19 Update, https://www1.nyc.gov/site/boc/covid-19.page	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, https://www1.nyc.gov/site/doh/covid/covid-19-data.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 .



April 9, 2020

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