

March 25, 2020

Analysis of COVID-19 Infection Rate in NYC Jails, including Rikers Island

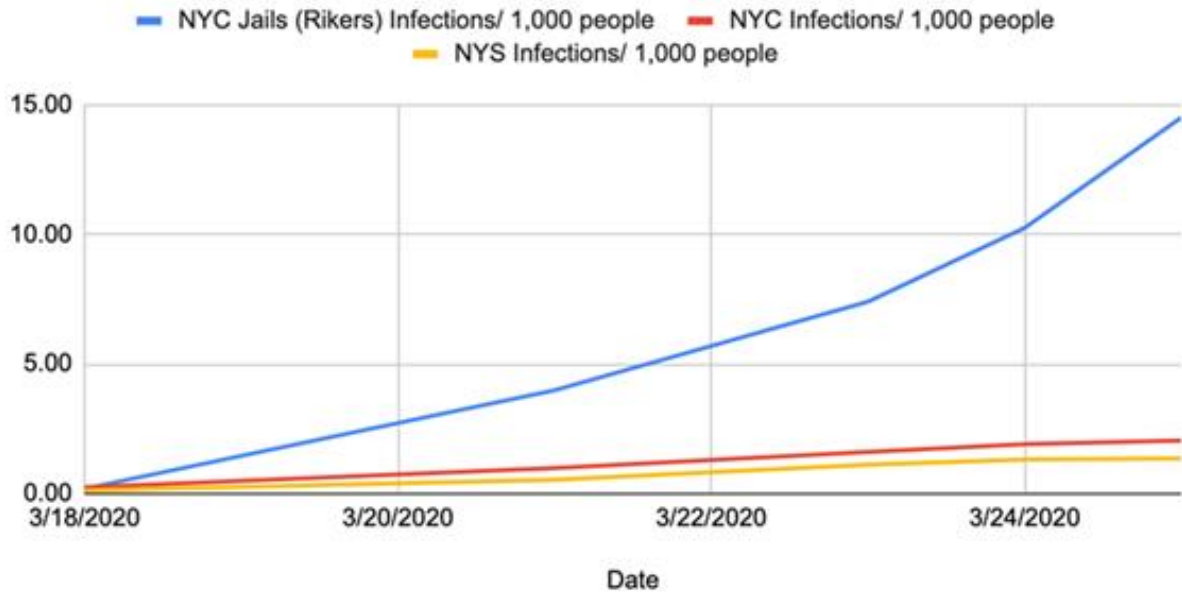
Coronavirus Infection Rates as of March 25, 2020

	Cases*	Population	Infection Rate	Infections/ 1,000 people
NYC Jails (Rikers Island)	75	5,169	1.451%	14.51
New York City**	16,788	8,175,133	0.205%	2.05
New York State	26,376	19,440,469	0.136%	1.36
United States	55,006	331,002,651	0.017%	0.17
Hubei Province (Wuhan)	67,801	59,020,000	0.115%	1.15
China	81,218	1,439,323,776	0.006%	0.06
Lombardy, Italy	30,703	10,040,000	0.306%	3.06
Italy	69,176	60,461,826	0.114%	1.14
*last updated March 25, 2020 at 10:52 AM				
**last updated March 25, 2020 at 2:10 PM				

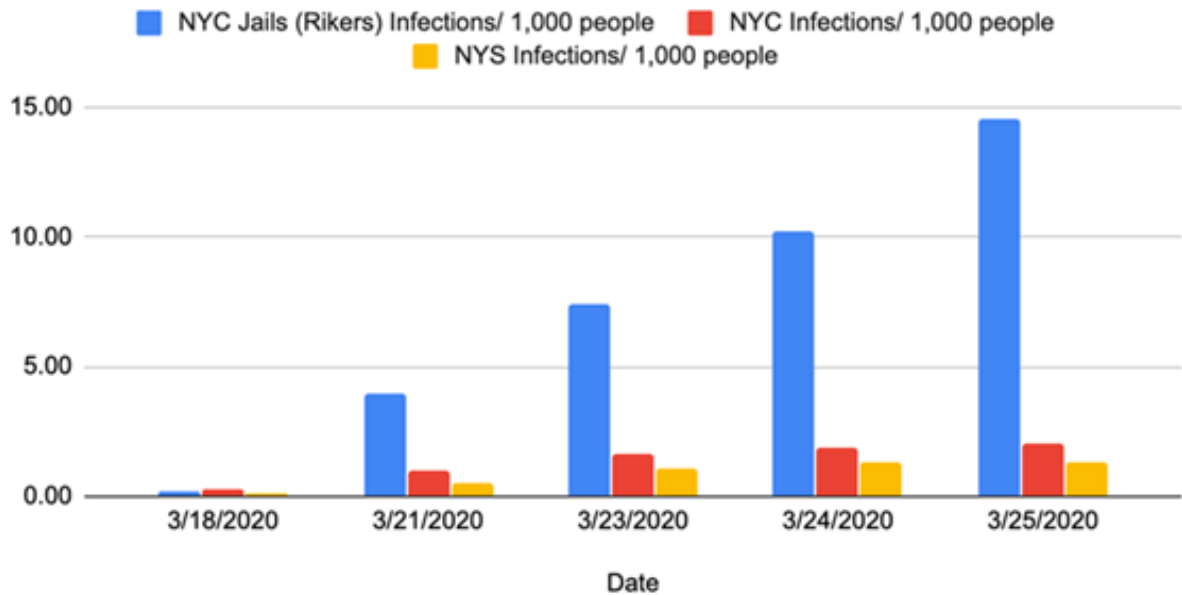
Rikers Island Comparisons	
NYC Jails, primarily Rikers Island, have an infection rate X times higher than:	
	X
NYC	7.07
NYS	10.69
US	87.31
Hubei Province (Wuhan)	12.63
China	257.13
Lombardy, Italy	4.74
Italy	12.68

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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)	NYC DOC Daily Report, March 25, 2020.	Updated number provided by Chelsia Marcius, N.Y. Daily News, phone call to DOC and City of New York on March 25, 2020; Latest Published Information at NYC OpenData, Daily Inmates In Custody, https://data.cityofnewyork.us/Public-Safety/Daily-Inmates-In-Custody/7479-ugqb (last updated March 24, 2020).
New York City	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 .	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	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 .	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 25, 2020, 9:28 AM).	Worldometer, Countries in the world by population (2020), https://www.worldometers.info/world-population/population-by-country/ (last visited March 25, 2020).
Hubei Province	NPR, China's Wuhan Prepares to Emerge from Lockdown as New Cases Dwindle (March 24, 2020 11:36 AM), https://www.npr.org/sections/coronavirus-live-updates/2020/03/24/820649826/coronavirus-wuhan-prepares-to-emerge-from-lockdown-as-	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 25, 2020 (9:28 AM)).	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 24 2020, by region, https://www.statista.com/statistics/1099375/coronavirus-cases-by-region-in-italy/ .	Google, "Lombardy Italy Population," https://www.google.com/publicdata/explore?ds=mo4ppjima872_&met_y=population&idim=subregion:ITC4:ITH3:ITI4&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 25, 2020 (9:28 AM)).	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/mm/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/ny-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/mm/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
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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/mm/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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Data and updates available at: <https://legalaidnyc.org/covid-19-infection-tracking-in-nyc-jails/>