

April 20, 2020

## ***Analysis of COVID-19 Infection Rate in NYC Jails***

### **Coronavirus Infection Rates as of April 20, 2020**

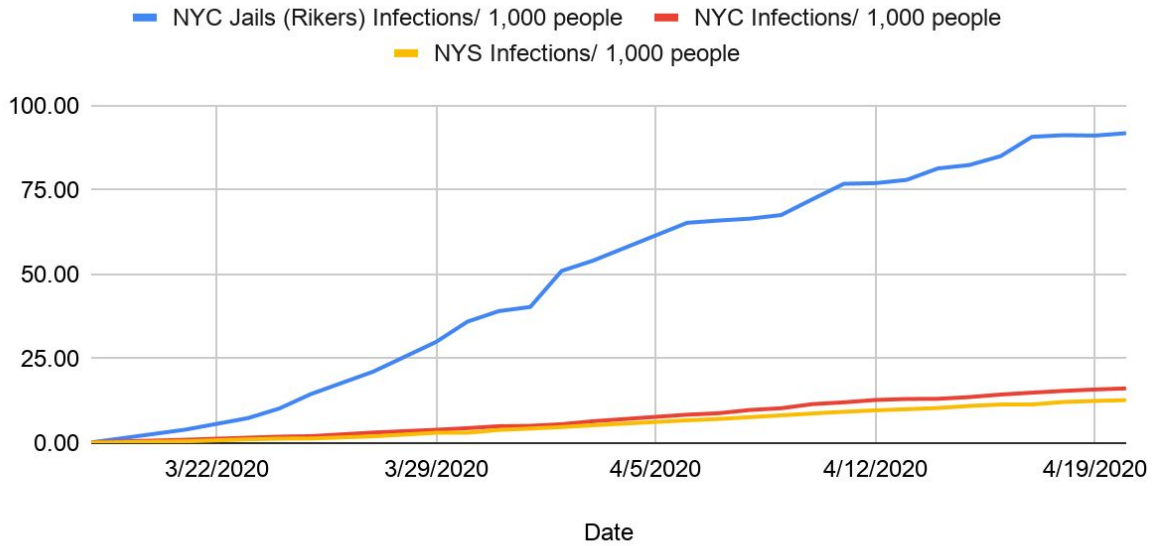
<b>Locations:</b>	<b>Cases*</b>	<b>Population</b>	<b>Infection Rate</b>	<b>Infections/ 1,000 people</b>
<b>NYC Jails (Rikers)**</b>	365	3,976	9.180%	91.80
<b>New York City</b>	132,467	8,175,133	1.620%	16.20
<b>New York State</b>	247,543	19,440,469	1.273%	12.73
<b>United States</b>	784,201	331,002,651	0.237%	2.37
<b>Hubei Province (Wuhan)</b>	68,128	59,020,000	0.115%	1.15
<b>China</b>	82,747	1,439,323,776	0.006%	0.06
<b>Lombardy, Italy</b>	66,971	10,040,000	0.667%	6.67
<b>Italy</b>	181,228	60,461,826	0.300%	3.00
*last updated	4/20/2020 at 11:30 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.

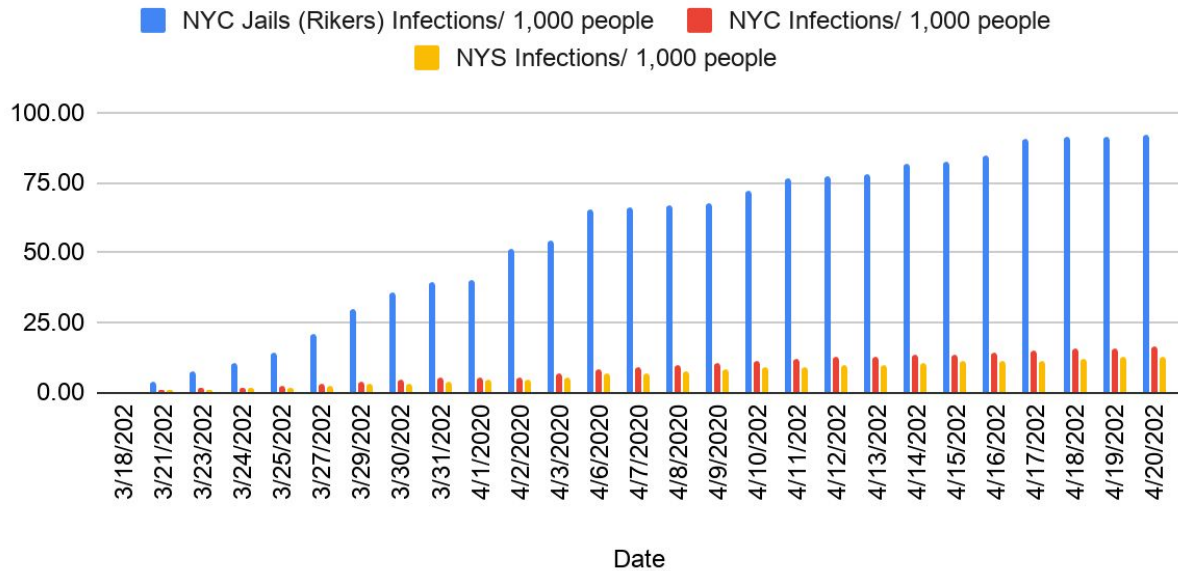
<b>Rikers Island Comparisons</b>	
NYC Jails, primarily Rikers Island, have an infection rate X times higher than:	
	X
New York City	5.67
New York State	7.21
United States	38.75
Hubei Province (Wuhan)	79.53
China	1,596.81
Lombardy, Italy	13.76
Italy	30.63

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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:**

	<b>Cases*</b>	<b>Population</b>
<b>NYC Jails (Rikers)</b>	Board of Correction, Daily Covid-19 Update, Monday, April 20, 2020, <a href="https://www1.nyc.gov/assets/boc/downloads/pdf/News/covid-19/Public_Reports/Board%20of%20Correction%20Daily%20Public%20Report_4_20_2020.pdf">https://www1.nyc.gov/assets/boc/downloads/pdf/News/covid-19/Public_Reports/Board%20of%20Correction%20Daily%20Public%20Report_4_20_2020.pdf</a>	NYC OpenData, Daily Inmates In Custody, <a href="https://data.cityofnewyork.us/Public-Safety/Daily-Inmates-In-Custody/7479-ugqb">https://data.cityofnewyork.us/Public-Safety/Daily-Inmates-In-Custody/7479-ugqb</a> (last updated April 20, 2020). New numbers are posted each day at around 3:30pm.
<b>New York City</b>	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, <a href="https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary-04202020-1.pdf">https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary-04202020-1.pdf</a> (Last Visited April 20, 2020).	Worldometer, Main Cities by Population in the U.S.A., <a href="https://www.worldometers.info/world-population/us-population/">https://www.worldometers.info/world-population/us-population/</a> (last visited March 25, 2020).
<b>New York State</b>	Coronavirus in the U.S.: Latest Map and Case Count, N.Y. Times (April 20, 2020 4:00 PM), <a href="https://www.nytimes.com/interactive/2020/us/coronavirus-us-us-cases.html#states">https://www.nytimes.com/interactive/2020/us/coronavirus-us-us-cases.html#states</a> .	World Population Review, New York Population 2020, <a href="https://worldpopulationreview.com/states/new-york-population/">https://worldpopulationreview.com/states/new-york-population/</a> (last visited March 25, 2020).
<b>United States</b>	Worldometer, Confirmed Cases and Deaths by Country, Territory, or Conveyance, <a href="https://www.worldometers.info/coronavirus/#countries">https://www.worldometers.info/coronavirus/#countries</a> (last visited April 20, 2020, 4:00 PM).	Worldometer, Countries in the world by population (2020), <a href="https://www.worldometers.info/world-population/population-by-country/">https://www.worldometers.info/world-population/population-by-country/</a> (last visited March 25, 2020).
<b>Hubei Province</b>	Lai Lin Thomala, Confirmed, death and recovery cases of COVID-19 in Greater China 2020, by region, Statista (April 20, 2020), <a href="https://www.statista.com/statistics/1090007/china-confirmed-and-suspected-wuhan-coronavirus-cases-region/">https://www.statista.com/statistics/1090007/china-confirmed-and-suspected-wuhan-coronavirus-cases-region/</a> (last visited April 20, 2020 4:00 PM).	Knoema, World Data Atlas, China, Hubei, <a href="https://knoema.com/atlas/China/Hubei">https://knoema.com/atlas/China/Hubei</a> (last visited March 25, 2020).
<b>China</b>	Worldometer, Confirmed Cases and Deaths by Country, Territory, or Conveyance, <a href="https://www.worldometers.info/coronavirus/#countries">https://www.worldometers.info/coronavirus/#countries</a> (last visited April 20, 2020, 4:00 PM).	Worldometer, Countries in the world by population (2020), <a href="https://www.worldometers.info/world-population/population-by-country/">https://www.worldometers.info/world-population/population-by-country/</a> (last visited March 25, 2020)
<b>Lombardy, Italy</b>	Statista, Coronavirus (COVID-19) cases in Italy as of April 20, 2020, by region, <a href="https://www.statista.com/statistics/1099375/coronavirus-cases-by-region-in-italy/">https://www.statista.com/statistics/1099375/coronavirus-cases-by-region-in-italy/</a> (last visited April 20, 2020, 4:00 PM).	Google, "Lombardy Italy Population," <a href="https://www.google.com/publicdata/explore?ds=mo4pjpima872_&amp;met_y=population&amp;idim=subregion:ITC4:ITH3:ITI4&amp;hl=en&amp;dl=en">https://www.google.com/publicdata/explore?ds=mo4pjpima872_&amp;met_y=population&amp;idim=subregion:ITC4:ITH3:ITI4&amp;hl=en&amp;dl=en</a> , (citing Eurostat, 2018) (last visited March 25, 2020).
<b>Italy</b>	Worldometer, Confirmed Cases and Deaths by Country, Territory, or Conveyance, <a href="https://www.worldometers.info/coronavirus/#countries">https://www.worldometers.info/coronavirus/#countries</a> (last visited April 20, 2020, 4:00 PM).	Worldometer, Countries in the world by population (2020), <a href="https://www.worldometers.info/world-population/population-by-country/">https://www.worldometers.info/world-population/population-by-country/</a> (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), <a href="https://www.nydailynews.com/coronavirus/ny-coronavirus-rikers-island-inmate-tests-positive-20200318-gf3r7q4cefaxzmqmrmuevzz3y-story.html">https://www.nydailynews.com/coronavirus/ny-coronavirus-rikers-island-inmate-tests-positive-20200318-gf3r7q4cefaxzmqmrmuevzz3y-story.html</a>	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, (March 24, 2020 5:00 PM), <a href="https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf">https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf</a> .	N.Y. Times, As Testing Expands, Confirmed Cases of Coronavirus in NYC Near 2000 (March 18, 2020), <a href="https://www.nytimes.com/2020/03/18/nyregion/coronavirus-new-york-update.html">https://www.nytimes.com/2020/03/18/nyregion/coronavirus-new-york-update.html</a>
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), <a href="https://www.nytimes.com/2020/03/20/nyregion/nyc-coronavirus-rikers-island.html">https://www.nytimes.com/2020/03/20/nyregion/nyc-coronavirus-rikers-island.html</a>	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, (March 24, 2020 5:00 PM), <a href="https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf">https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf</a> .	N.Y. Times, N.Y. Weighs Four Temporary Hospital Sites, Including Javits Center, (March 21, 2020), <a href="https://www.nytimes.com/2020/03/21/nyregion/coronavirus-new-york-update.html">https://www.nytimes.com/2020/03/21/nyregion/coronavirus-new-york-update.html</a>
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), <a href="https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf">https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf</a> .	N.Y. Times, Coronavirus 'Attack Rate' in N.Y. Concerns White House, (March 23, 2020), <a href="https://www.nytimes.com/2020/03/23/nyregion/coronavirus-new-york-update.html">https://www.nytimes.com/2020/03/23/nyregion/coronavirus-new-york-update.html</a>
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), <a href="https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf">https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf</a> .	N.Y. Times, Trump Expresses Outrage at Having to 'Close the Country' to Slow Virus, (March 24, 2020), <a href="https://www.nytimes.com/2020/03/24/world/coronavirus-news-live-updates.html#link-4a7a220">https://www.nytimes.com/2020/03/24/world/coronavirus-news-live-updates.html#link-4a7a220</a> .
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), <a href="https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf">https://www1.nyc.gov/assets/doh/downloads/pdf/imm/covid-19-daily-data-summary.pdf</a> .	Chas Danner et al., Coronavirus in New York: Latest Updates, N.Y. Mag. Intelligencer (updated March 25, 2020 9:32 AM), <a href="https://nymag.com/intelligencer/2020/03/new-york-coronavirus-cases-updates.html">https://nymag.com/intelligencer/2020/03/new-york-coronavirus-cases-updates.html</a> .
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, <a href="https://www1.nyc.gov/site/doh/covid/covid-19-main.page">https://www1.nyc.gov/site/doh/covid/covid-19-main.page</a>	Mitch Smith, et al., Coronavirus in the U.S.: Latest Map and Case Count, N.Y. Times (live updates), <a href="https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html#g-us-map">https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html#g-us-map</a> .
4/6/2020 to Present	Board of Correction, Daily Covid-19 Update, <a href="https://www1.nyc.gov/site/boc/covid-19.page">https://www1.nyc.gov/site/boc/covid-19.page</a>	NYC Health, Coronavirus Disease 2019 (COVID-19) Daily Data Summary, <a href="https://www1.nyc.gov/site/doh/covid/covid-19-data.page">https://www1.nyc.gov/site/doh/covid/covid-19-data.page</a>	Mitch Smith, et al., Coronavirus in the U.S.: Latest Map and Case Count, N.Y. Times (live updates), <a href="https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html#g-us-map">https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html#g-us-map</a> .



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