

March 29, 2020

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

### **Coronavirus Infection Rates as of March 29, 2020**

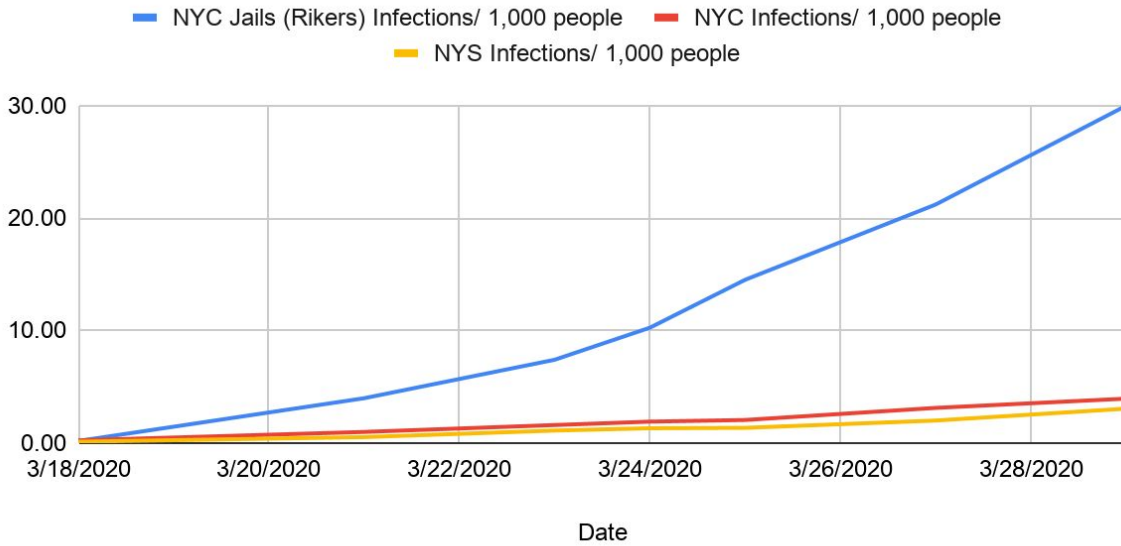
| <b>Locations:</b>             | <b>Cases*</b>          | <b>Population</b> | <b>Infection Rate</b> | <b>Infections/ 1,000 people</b> |
|-------------------------------|------------------------|-------------------|-----------------------|---------------------------------|
| <b>NYC Jails (Rikers)**</b>   | 139                    | 4,637             | 2.998%                | 29.98                           |
| <b>New York City</b>          | 32,308                 | 8,175,133         | 0.395%                | 3.95                            |
| <b>New York State</b>         | 59,513                 | 19,440,469        | 0.306%                | 3.06                            |
| <b>United States</b>          | 135,627                | 331,002,651       | 0.041%                | 0.41                            |
| <b>Hubei Province (Wuhan)</b> | 67,801                 | 59,020,000        | 0.115%                | 1.15                            |
| <b>China</b>                  | 81,439                 | 1,439,323,776     | 0.006%                | 0.06                            |
| <b>Lombardy, Italy</b>        | 41,007                 | 10,040,000        | 0.408%                | 4.08                            |
| <b>Italy</b>                  | 97,689                 | 60,461,826        | 0.162%                | 1.62                            |
| <b>*last updated</b>          | March 29, 2020 at 3 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. 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.

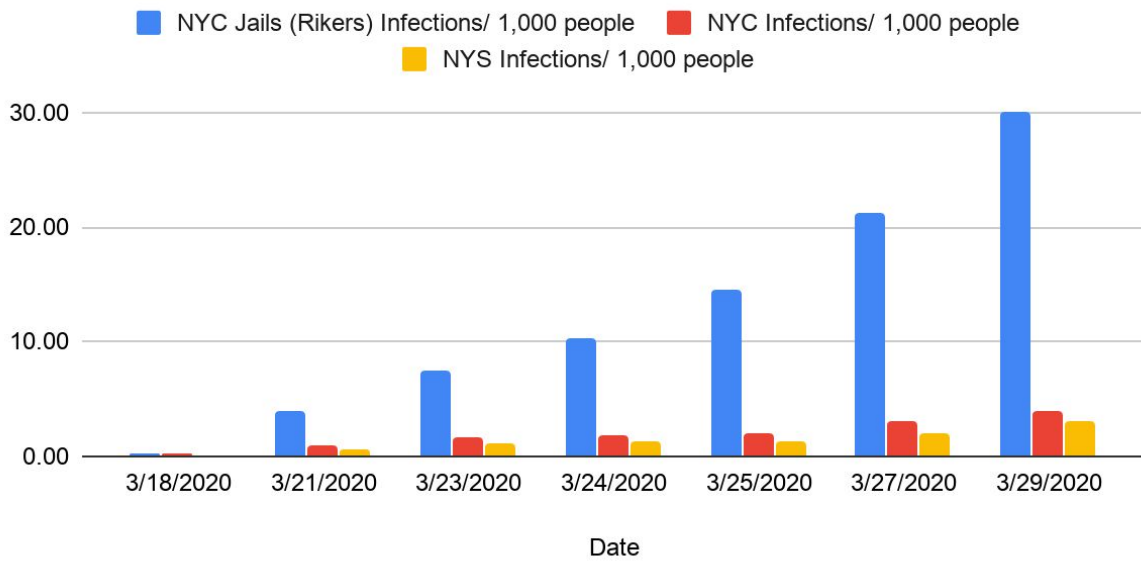
| <b>Rikers Island Comparisons</b>  |        |
|---|--------|
| NYC Jails, primarily Rikers Island, have an infection rate X times higher than: |        |
|   | X      |
| New York City   | 7.59   |
| New York State  | 9.79   |
| United States   | 73.16  |
| Hubei Province (Wuhan)  | 26.09  |
| China   | 529.79 |
| Lombardy, Italy   | 7.34   |
| Italy   | 18.55  |

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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> | This is according to a report from the DOC on March 29, 2020, obtained by and on file with the Legal Aid Society.   | 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 March 29, 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, (March 29, 2020 9:30 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> , Daily Updates available at: Daily updates available at: <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> | 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>     | Mitch Smith, et al., Coronavirus in the U.S.: Latest Map and Case Count, N.Y. Times (March 29, 2020 2:30 PM), <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> .   | 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 March 29, 2020, 2:50 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 (March 27, 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 March 29, 2020 2:53 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 March 29, 2020, 2:50 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 March 29, 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 March 29, 2020, 2:51 PM).  | Google, "Lombardy Italy Population," <a href="https://www.google.com/publicdata/explore?ds=mo4pjpima872_&amp;met_y=population&amp;idim=subregion:ITC4:ITH3:IT14&amp;hl=en&amp;dl=en">https://www.google.com/publicdata/explore?ds=mo4pjpima872_&amp;met_y=population&amp;idim=subregion:ITC4:ITH3:IT14&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 March 29, 2020, 2:50 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 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, <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> .                       |



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