

July 31, 2020

Analysis of COVID-19 Infection Rate in NYC Jails

Coronavirus Infection Rates as of July 31, 2020

Table 1¹

Locations:	COVID-19 Cases*	Population	Infection Rate	Infections/ 1,000 people
People in DOC Custody**	283	3,987	7.10%	70.98
DOC Staff	1,420	10,977	12.94%	129.36
DOC Total	1,703	14,964	11.38%	113.81
New York City	221,534	8,175,133	2.71%	27.10
New York State	419,081	19,440,469	2.16%	21.56
United States	4,638,288	331,002,651	1.40%	14.01
*last updated	August 5, 2020 at 7:26PM (data as of July 31st, 2020)			
** This is not the cumulative number of cases of people who have contracted COVID-19 while detained in NYC jails. See our daily analysis report for more information on the limitations of the data provided by the Department of Correction.				

The rate of infection among people who work for and who are incarcerated by the NYC DOC remains much higher than New York City, New York State, and the United States.

Table 2

NYC DOC Comparisons	
People in DOC Custody and DOC Staff have an infection rate X times higher than:	
	X
New York City	4.20
New York State	5.28
United States	8.12

¹ This number does not reflect the total number of people who have contracted COVID-19 while in DOC custody, as it does not include those who have been released, transferred, or who have died in DOC custody. The population of people in DOC custody changes daily, with an average of 34 people released per day and 27 people admitted per day since April 1, 2020. See Table 5.

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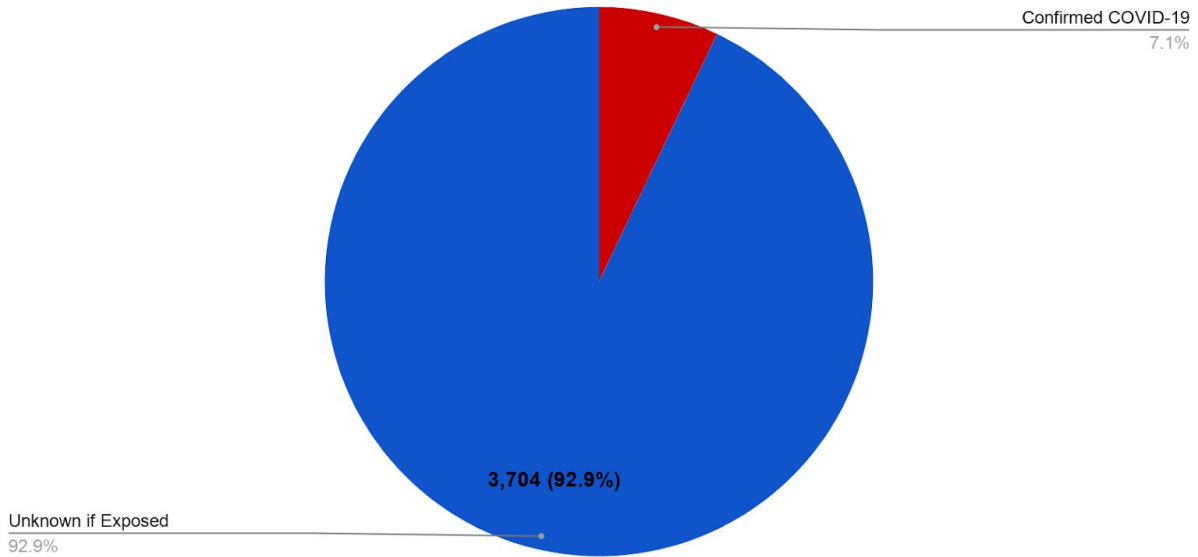
COVID-19 Exposure of Current Population in DOC Custody

Table 3

People in DOC Custody	
Likely Exposed but Asymptomatic	0
Confirmed COVID-19	283
Unknown if Exposed	3,704
Percent of Incarcerated Population Likely Exposed or Confirmed COVID-19	7.10%

Table 4

COVID-19 Exposure of Current Population in DOC Custody



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Turnover in NYC Jails

Table 5

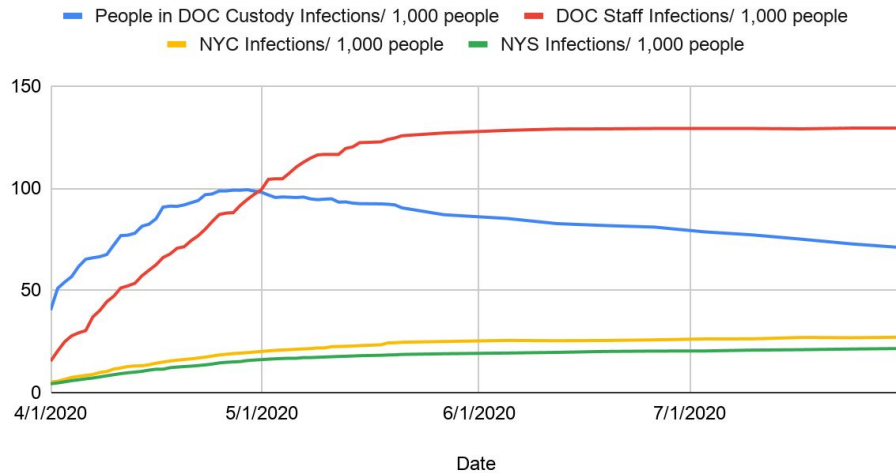
	Total	Average/ Day	Likely and Confirmed Exposed
Individuals Released from DOC custody since 4/1	3,808	33	1,048
Individuals Admitted to DOC custody since 4/1	2,591	27	713
Total Number of People in DOC Custody since 4/1/2020	7,795	3,986	2,145

More than 3,000 people were likely exposed to the virus while in DOC custody since April 1, 2020. This does not include DOC staff or community spread of people likely exposed when coming into contact with DOC staff or people released from DOC custody.

NYC DOC Infections Since April 1, 2020, Compared

Table 6

NYC DOC Infections Compared with NYC and New York State



The curve for people incarcerated by DOC may look like it is “flattening”, but this reflects the fact that the City is only reporting the number of COVID-19 positive people who are still in custody that day. As people with COVID-19 are released from DOC custody, new COVID-19 diagnoses are replacing those who have been released. On the other hand, the number of infections in the comparator populations - DOC staff, NYC, and New York State - are cumulative. Absent cumulative data from DOC, the rate of infections among DOC staff is likely a better proxy of the true rate of infections among those in DOC custody, as both populations are in frequent contact.

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Citations:

	Cases*	Population
NYC Jails (Rikers)	Board of Correction, Daily Covid-19 Update, Friday, July 31, 2020, https://www1.nyc.gov/assets/boc/downloads/pdf/boc_weekly_report_7_25_7_31_2020.pdf	Board of Correction, Daily Covid-19 Update, Friday, July 31, 2020, https://www1.nyc.gov/assets/boc/downloads/pdf/boc_weekly_report_7_25_7_31_2020.pdf
DOC Staff	Board of Correction, Daily Covid-19 Update, Friday, July 31, 2020, https://www1.nyc.gov/assets/boc/downloads/pdf/boc_weekly_report_7_25_7_31_2020.pdf	Financial Plan Summary, Committee Report - Department of Correction (March 16, 2020), https://legistar.council.nyc.gov/LegislationDetail.aspx?ID=4325588&GUID=9749109F-57F3-4533-8F4E-1F377564D711&Options=&Search=
New York City	New York Coronavirus Map and Case Count, N.Y. Times (July 31, 2020 10:31 AM), https://www1.nyc.gov/site/doh/covid/covid-19-data.page	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	New York Coronavirus Map and Case Count, N.Y. Times (July 31, 2020 10:31 AM), https://www.nytimes.com/interactive/2020/us/new-york-coronavirus-cases.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 July, 31, 2020, 10:31 AM).	Worldometer, Countries in the world by population (2020), https://www.worldometers.info/world-population/population-by-country/ (last visited March 25, 2020).

All data on COVID-19 among people in DOC custody and DOC staff is from the NYC Board of Correction and COVID-19 page, available online at: <https://www1.nyc.gov/site/boc/covid-19.page>.



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