

NCCHC-HU COVID-19 Survey in Correctional Facilities: Weekly Report

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**National Commission
on Correctional Health Care**

1 Summary

- Our initial survey closed on 3/25/2020. The first data were collected on over 300 facilities. Subsequently, a daily survey, approximately 3 minutes in length on average, was filled out by around 115 facilities per day beginning on 3/30/2020 and ending 4/3/2020. On 4/7/2020, we started a weekly survey, which was filled out by approximately 130 facilities.
- Caution should be used when interpreting these results since the facilities are not necessarily representative, it is a convenient sample of those who have been invited and able to participate.
- The data cover facilities across the country. The majority (70%) are jails, followed by prisons (20%), juvenile detention centers (5%) and other.
- The data reveal that the number of reporting facilities that screen new inmates was initially very high (93%) and as of date, remains at 94%.
- The data also show that the current inmate population screening has increased from 46% to 54%.
- Staff screening has also increased from 79% to 84%.
- Testing access initially was 64% and has increased to 78%, but even among those who have access, the long turn around time has been an issue as has been tracking individuals.
- Having personal protective equipment (PPE) has been a consistent worry in the comments since we first asked facilities whether they had "adequate PPE" beginning on 3/30/2020. 59% of responding facilities said they had adequate PPE which has increased to 61% over time.
- The number of cases among inmates, correctional officers and healthcare staff have also increased over time. The fastest rise has been among correctional officer cases.
- To date, there have been 92 reported cases among inmates, 277 reported cases among correctional officers, and 59 reported cases among health staff.
- As of 4/7/2020, when we first began to ask facilities about tested individuals, there have been 168 tested inmates, 209 tested correctional officers, and 49 tested health staff.
- As of 4/7/2020, there have been 29 inmates who tested positive, 32 correctional officers who tested positive, and 5 health staff who tested positive.

2 Tables

Table 1: NCCHC-HU Sample Description

	Category	Proportion
Type of Facility		
Jail	269	0.712
Prison	76	0.201
Juvenile	21	0.056
Other	12	0.032
Accreditation Status		
Accredited	214	0.569
Not Accredited	97	0.258
Unsure	65	0.173
Census Divisions		
New England	15	0.036
Middle Atlantic	73	0.175
East North Central	47	0.112
West North Central	37	0.089
South Atlantic	114	0.273
East South Central	13	0.031
West South Central	28	0.067
Mountain	52	0.124
Pacific	39	0.093
Inmate Populations		
Less than 100	106	0.280
100 to 500	132	0.349
500 to 1000	62	0.164
More than 1000	78	0.206

Notes: Data from NCCHC-Harvard University Survey.

Table 2: State COVID-19 Cases - Inmate Population

State Name	Ever Infected	Current Infected	Recovered	Deceased	Tested	Tested Positive	Awaiting Test Results
Alabama	0	0	0	0	0	0	0
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	1	0	0
Arkansas	.	.	.	.	.	.	.
California	12	10	2	0	9	0	2
Colorado	0	0	0	0	3	0	1
Connecticut	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0
D.C.	.	.	.	.	.	.	.
Florida	1	1	0	0	5	0	1
Georgia	16	16	0	0	8	1	5
Hawaii	.	.	.	.	.	.	.
Idaho	0	0	0	0	0	0	0
Illinois	1	1	0	0	8	1	7
Indiana	0	0	0	0	3	0	1
Iowa	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Louisiana	1	1	0	0	2	0	0
Maine	0	0	0	0	0	0	0
Maryland	0	0	0	0	0	0	0
Massachusetts	0	0	0	0	1	0	0
Michigan	6	2	4	0	0	0	2
Minnesota	1	1	0	0	3	0	34
Mississippi	.	.	.	.	.	.	.
Missouri	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
Nevada	0	0	0	0	1	0	0
New Hampshire	0	0	0	0	0	0	0
New Jersey	23	19	4	0	11	0	21
New Mexico	0	0	0	0	4	0	0
New York	19	19	0	0	21	21	6
North Carolina	0	0	0	0	2	0	0
North Dakota	0	0	0	0	4	0	1
Ohio	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0
Oregon	1	0	1	0	1	0	0
Pennsylvania	1	0	0	1	25	0	7
Rhode Island	0	0	0	0	1	0	1
South Carolina	3	2	1	0	2	1	0
South Dakota	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Texas	4	4	0	0	0	0	6
Utah	0	0	0	0	3	0	3
Vermont	.	.	.	.	.	.	.
Virginia	0	0	0	0	1	0	0
Washington	0	0	0	0	33	0	0
West Virginia	0	0	0	0	2	0	0
Wisconsin	3	2	1	0	12	5	2
Wyoming	0	0	0	0	2	0	0
U.S. TOTAL	92	78	13	1	168	29	100

Table 3: State COVID-19 Cases - Correctional Officers Population

State Name	Ever Infected	Current Infected	Recovered	Deceased	Tested	Tested Positive	Awaiting Test Results
Alabama	1	1	0	0	3	0	1
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0
Arkansas	.	.	.	.	.	.	.
California	13	11	2	0	5	0	0
Colorado	0	0	0	0	4	0	0
Connecticut	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0
D.C.	.	.	.	.	.	.	.
Florida	2	1	1	0	1	1	0
Georgia	20	19	1	0	52	18	24
Hawaii	.	.	.	.	.	.	.
Idaho	1	1	0	0	0	0	0
Illinois	1	1	0	0	17	0	15
Indiana	3	3	0	0	3	0	0
Iowa	0	0	0	0	0	0	0
Kansas	1	1	0	0	0	0	0
Kentucky	1	1	0	0	0	0	0
Louisiana	0	0	0	0	7	0	4
Maine	0	0	0	0	0	0	0
Maryland	0	0	0	0	3	0	0
Massachusetts	0	0	0	0	3	0	1
Michigan	68	59	8	1	9	0	2
Minnesota	1	1	0	0	0	0	21
Mississippi	.	.	.	.	.	.	.
Missouri	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Nevada	3	3	0	0	0	0	3
Nebraska	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0
New Jersey	68	58	10	0	0	0	15
New Mexico	0	0	0	0	2	0	0
New York	54	53	1	0	9	1	1
North Carolina	1	1	0	0	10	1	1
North Dakota	0	0	0	0	4	0	0
Ohio	2	2	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0
Oregon	0	0	0	0	0	0	1
Pennsylvania	7	4	3	0	44	3	11
Rhode Island	0	0	0	0	0	0	4
South Carolina	1	0	1	0	0	0	0
South Dakota	0	0	0	0	1	0	0
Tennessee	0	0	0	0	0	0	0
Texas	21	20	1	0	0	0	0
Utah	2	2	0	0	2	2	0
Vermont	.	.	.	.	.	.	.
Virginia	0	0	0	0	0	0	0
Washington	1	0	1	0	4	1	0
West Virginia	0	0	0	0	3	0	2
Wisconsin	5	4	1	0	23	5	2
Wyoming	0	0	0	0	0	0	0
U.S. TOTAL	277	246	30	1	209	32	108

Table 4: State COVID-19 Cases - Health Staff Population

State Name	Ever Infected	Current Infected	Recovered	Deceased	Tested	Tested Positive	Awaiting Test Results
Alabama	0	0	0	0	0	0	0
Alaska	0	0	0	0	0	0	0
Arizona	2	1	1	0	1	0	0
Arkansas	.	.	.	.	.	.	.
California	6	6	0	0	2	0	0
Colorado	2	2	0	0	3	2	0
Connecticut	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0
D.C.	.	.	.	.	.	.	.
Florida	0	0	0	0	3	0	1
Georgia	0	0	0	0	2	0	0
Hawaii	.	.	.	.	.	.	.
Idaho	1	1	0	0	0	0	0
Illinois	0	0	0	0	3	0	3
Indiana	2	2	0	0	1	0	0
Iowa	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Louisiana	0	0	0	0	3	0	1
Maine	0	0	0	0	0	0	1
Maryland	0	0	0	0	0	0	0
Massachusetts	1	1	0	0	0	0	1
Michigan	9	5	4	0	5	0	1
Minnesota	4	2	2	0	2	0	4
Mississippi	.	.	.	.	.	.	.
Missouri	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0
New Jersey	16	16	0	0	2	0	12
New Mexico	0	0	0	0	2	0	0
New York	10	9	1	0	1	0	3
North Carolina	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0
Ohio	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0
Oregon	0	0	0	0	0	0	0
Pennsylvania	3	0	3	0	12	2	5
Rhode Island	0	0	0	0	0	0	0
South Carolina	1	1	0	0	1	1	1
South Dakota	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Texas	2	2	0	0	0	0	0
Utah	0	0	0	0	0	0	0
Vermont	.	.	.	.	.	.	.
Virginia	0	0	0	0	2	0	0
Washington	0	0	0	0	4	0	0
West Virginia	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
Wyoming	0	0	0	0	0	0	0
U.S. TOTAL	59	48	11	0	49	5	32

Table 5: **COVID-19 Inmate Cases:
Jails and Prisons by Division**

	Jails	Prisons
New England	0	0
Middle Atlantic	23	1
East North Central	8	1
West North Central	1	0
South Atlantic	16	1
East South Central	0	0
West South Central	1	1
Mountain	0	0
Pacific	12	1
U.S. TOTAL	61	5

Table 6: **COVID-19 Correction Officer Cases:
Jails and Prisons by Division**

	Jails	Prisons
New England	0	0
Middle Atlantic	69	10
East North Central	76	0
West North Central	0	0
South Atlantic	20	1
East South Central	1	1
West South Central	4	0
Mountain	6	0
Pacific	9	3
U.S. TOTAL	185	15

Table 7: **COVID-19 Health Staff Cases:
Jails and Prisons by Division**

	Jails	Prisons
New England	1	0
Middle Atlantic	14	6
East North Central	11	0
West North Central	0	0
South Atlantic	0	0
East South Central	0	0
West South Central	0	0
Mountain	2	0
Pacific	2	4
U.S. TOTAL	30	10

Table 8: **Inmates Tested for COVID-19:
Jails and Prisons by Division**

	Jails	Prisons
New England	2	0
Middle Atlantic	16	19
East North Central	10	4
West North Central	4	0
South Atlantic	15	3
East South Central	0	0
West South Central	2	0
Mountain	10	0
Pacific	39	0
U.S. TOTAL	98	26

Table 9: **Correction Officers Tested for COVID-19:
Jails and Prisons by Division**

	Jails	Prisons
New England	3	0
Middle Atlantic	24	26
East North Central	37	0
West North Central	4	0
South Atlantic	58	3
East South Central	3	0
West South Central	7	0
Mountain	6	0
Pacific	5	0
U.S. TOTAL	147	29

Table 10: **Health Staff Tested for COVID-19:
Jails and Prisons by Division**

	Jails	Prisons
New England	0	0
Middle Atlantic	4	11
East North Central	5	0
West North Central	0	0
South Atlantic	6	0
East South Central	0	0
West South Central	3	0
Mountain	4	0
Pacific	4	0
U.S. TOTAL	26	11

Table 11: **Inmates Tested Positive for COVID-19:
Jails and Prisons by Division**

	Jails	Prisons
New England	0	0
Middle Atlantic	0	0
East North Central	4	1
West North Central	0	0
South Atlantic	1	0
East South Central	0	0
West South Central	0	0
Mountain	0	0
Pacific	0	0
U.S. TOTAL	5	1

Table 12: **Correction Officers Tested Positive for COVID-19:
Jails and Prisons by Division**

	Jails	Prisons
New England	0	0
Middle Atlantic	4	0
East North Central	5	0
West North Central	0	0
South Atlantic	16	1
East South Central	0	0
West South Central	0	0
Mountain	2	0
Pacific	1	0
U.S. TOTAL	28	1

Table 13: **Health Staff Tested Positive for COVID-19:
Jails and Prisons by Division**

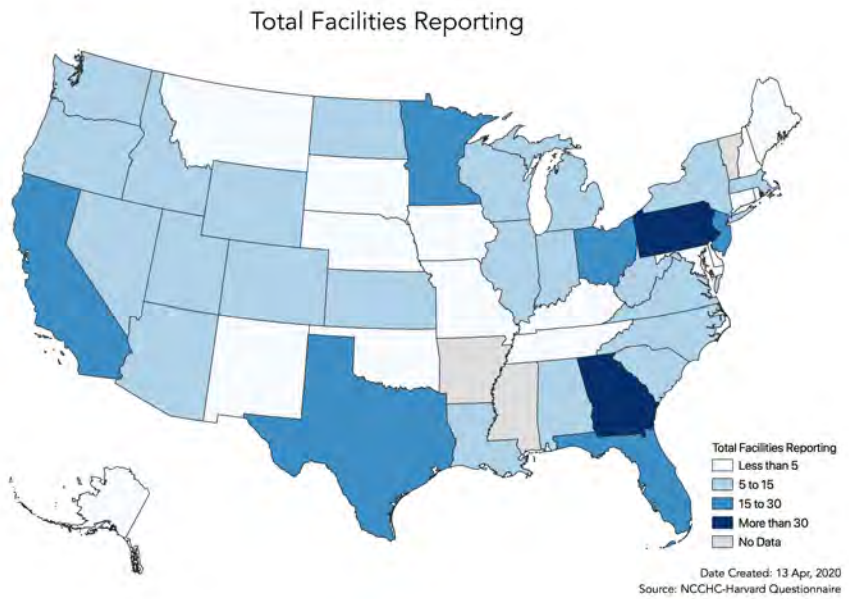
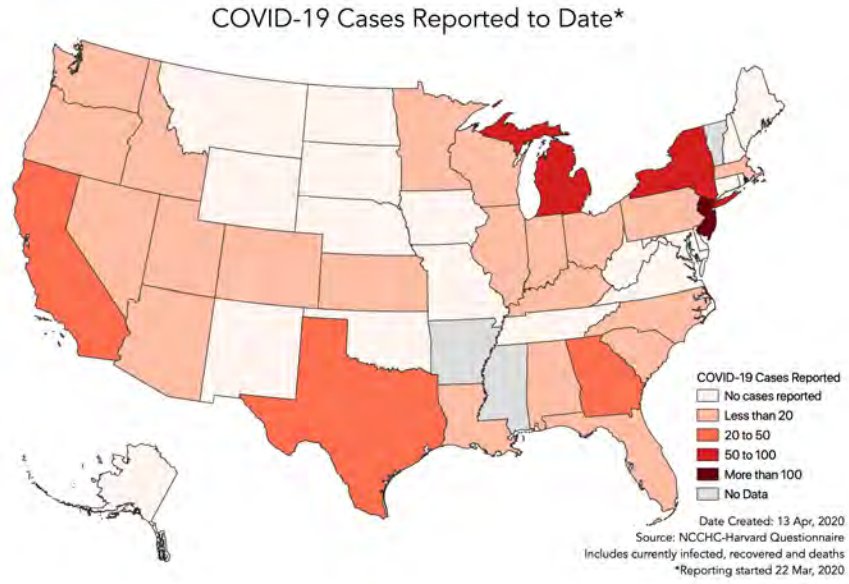
	Jails	Prisons
New England	0	0
Middle Atlantic	1	1
East North Central	0	0
West North Central	0	0
South Atlantic	0	0
East South Central	0	0
West South Central	0	0
Mountain	2	0
Pacific	0	0
U.S. TOTAL	3	1

Table 14: **Summary Statistics: Screening, Testing, and PPE**

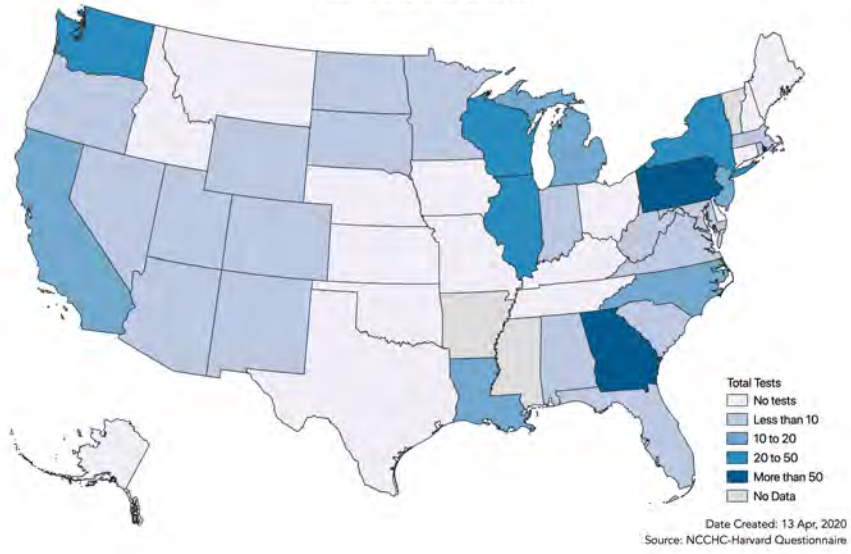
	Mean	Std. Dev.	Min.	Max.	N
Current Inmate Pop. Screened (Initial)	0.464	0.499	0	1	351
Current Inmate Pop. Screened (March 30)	0.542	0.501	0	1	107
Current Inmate Pop. Screened (March 31)	0.489	0.503	0	1	90
Current Inmate Pop. Screened (April 1)	0.513	0.502	0	1	115
Current Inmate Pop. Screened (April 2)	0.505	0.502	0	1	107
Current Inmate Pop. Screened (April 3)	0.545	0.500	0	1	101
Current Inmate Pop. Screened (April 7)	0.538	0.500	0	1	130
New Inmates Screened (Initial)	0.928	0.258	0	1	377
New Inmates Screened (March 30)	0.974	0.161	0	1	114
New Inmates Screened (March 31)	0.935	0.248	0	1	92
New Inmates Screened (April 1)	0.958	0.202	0	1	118
New Inmates Screened (April 2)	0.982	0.132	0	1	114
New Inmates Screened (April 3)	0.990	0.098	0	1	104
New Inmates Screened (April 7)	0.941	0.236	0	1	136
Staff Screened (Initial)	0.789	0.408	0	1	370
Staff Screened (March 30)	0.866	0.342	0	1	112
Staff Screened (March 31)	0.815	0.390	0	1	92
Staff Screened (April 1)	0.810	0.394	0	1	116
Staff Screened (April 2)	0.838	0.370	0	1	111
Staff Screened (April 3)	0.864	0.344	0	1	103
Staff Screened (April 7)	0.843	0.365	0	1	134
Testing Access (Initial)	0.635	0.482	0	1	356
Testing Access (March 30)	0.695	0.463	0	1	105
Testing Access (March 31)	0.690	0.465	0	1	87
Testing Access (April 1)	0.785	0.413	0	1	107
Testing Access (April 2)	0.718	0.452	0	1	103
Testing Access (April 3)	0.737	0.442	0	1	99
Testing Access (April 7)	0.777	0.418	0	1	130
PPE (March 30)	0.596	0.493	0	1	109
PPE (March 31)	0.576	0.497	0	1	92
PPE (April 1)	0.622	0.487	0	1	111
PPE (April 2)	0.620	0.488	0	1	108
PPE (April 3)	0.633	0.485	0	1	98
PPE (April 7)	0.615	0.488	0	1	130

3 Figures

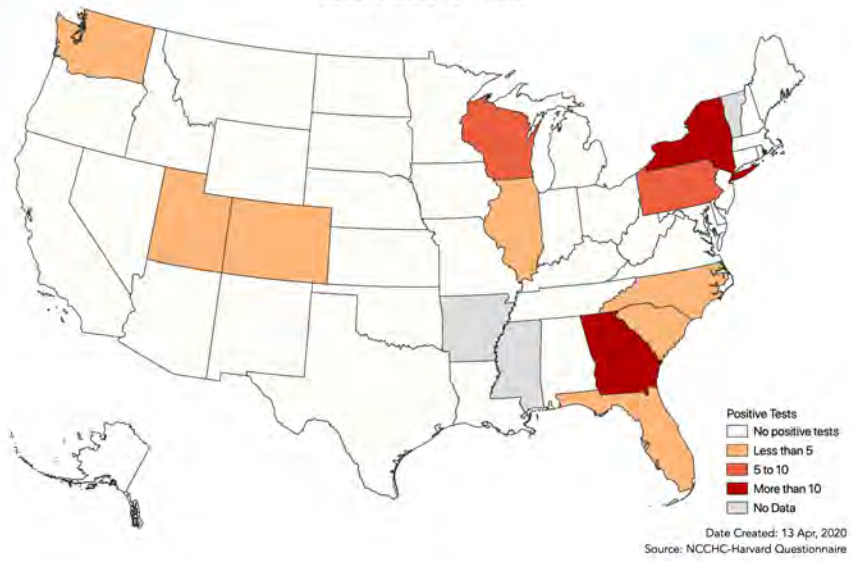
3.1 Maps of Cases, Facilities and Inmate Populations



Total Tests Conducted



Total Positive Tests



3.2 Cumulative Cases

