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16 J. Clark Kelso

17 UNITED STATES DISTRICT COURT  
18 NORTHERN DISTRICT OF CALIFORNIA, OAKLAND DIVISION  
19

20 MARCIANO PLATA, et al.,  
21 Plaintiffs,  
22 vs.  
23 GAVIN NEWSOM, et al.,  
24 Defendants.  
25

Case No. 4:01-cv-01351-JST

**NOTICE OF FILING OF  
SUPPLEMENTARY DECLARATION OF  
DR. JOSEPH BICK IN SUPPORT OF THE  
RECEIVER'S REPORT**

1 TO THE COURT AND ALL PARTIES AND THEIR COUNSEL OF RECORD:

2 PLEASE TAKE NOTICE that Receiver J. Clark Kelso has filed herewith the  
3 supplementary Declaration of Dr. Joseph Bick in support of his Report regarding a mandatory  
4 COVID-19 vaccination policy for the California Department of Corrections and Rehabilitation in  
5 the instant matter.

6  
7 DATED: August 20, 2021

MUNGER, TOLLES & OLSON LLP

8  
9 By:



10 BRAD D. BRIAN

11 Attorneys for Receiver J. Clark Kelso  
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**Supplementary Declaration of Dr. Joseph Bick**

I declare, under penalty of perjury and pursuant to 28 U.S.C. § 1746, as follows:

1. I am Dr. Joseph Bick, Director, Healthcare Services at California Correctional Health Care Services (CCHCS). I oversee all healthcare services, including medical, nursing, quality management, mental health, and dental. In that capacity, I have also led healthcare’s response to COVID-19 since I assumed this role in July 2020.
2. Since my declaration of August 4, 2021, COVID infection rates have continued to increase nationwide, in California, and in CDCR institutions. Since June 21, 2021, 1,398 CDCR employees have been diagnosed with COVID-19, a more than 350% increase over the prior two months. As of August 16, 2021, there were 536 cases of active COVID among staff, an increase from 162 just 4 weeks earlier. There has been an even greater percentage increase in cases of active COVID among patients. The number of patients with active COVID rose sharply from 20 per day in March, April, and May 2021 to more than 100 per day since July 2021. Eight patients have been hospitalized since June 1, 2021. Accordingly, CCHCS’s understanding of the Delta variant has rapidly developed and I now supplement my prior declaration regarding these new developments.
3. Vaccination for COVID-19 has been highly effective at reducing transmission and severity of the illness. Nonetheless, some fully vaccinated individuals will contract COVID-19. When a fully-vaccinated patient becomes infected this is referred to as a “breakthrough” infection. Although the exact rate of breakthrough infections is not yet clear, the Delta variant causes breakthrough infections significantly more often than prior COVID-19 variants. This has been seen within CDCR institutions and throughout the world as well. Despite being fully vaccinated, to date 292 patients in CDCR custody have had a COVID-19 breakthrough infection.<sup>1</sup>
4. Of those 292 patients with breakthrough infections, 78 patients, 26.7%, have had a COVID-19 risk score of 3 or higher, indicating they are at high risk of serious disease from COVID-19. Some patients with breakthrough infections have experienced serious symptoms. Just this week, a fully vaccinated patient with a breakthrough case of COVID-19 died after being hospitalized with oxygen desaturation. As of August 19, 2021, 236 patients in CDCR care have died of COVID-19, including two fully vaccinated patients.<sup>2</sup> There are early indications that some CDCR patients with breakthrough cases of COVID-19 might have long-term symptoms.
5. These very early experiences with the Delta variant demonstrate that, although vaccination greatly reduces the risk of harm, the Delta variant presents a substantial risk of serious harm even to fully vaccinated patients.
6. The Delta variant has already driven COVID cases within CDCR to their highest levels since March 2021. As of August 17, 2021, there are 135 current infections of

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<sup>1</sup> Exhibit A.

<sup>2</sup> Exhibit B.

incarcerated persons in CDCR custody.<sup>3</sup> Major outbreaks of COVID are occurring at four institutions—Pelican Bay State Prison, California State Prison Solano, Sierra Conservation Center, and High Desert State Prison—and thirty-four facilities (such as yards within an institution) are currently on restricted operations due to a current or recent outbreak of COVID-19.<sup>4</sup> As of August 18, 2021, there were 2,345 incarcerated persons quarantined for exposure to someone with COVID-19. These recent trends show that the Delta variant is causing new infections, reinfections, breakthrough infections, illness, hospitalizations, and death. In addition, the Delta variant is causing significant disruption to essential programming and services, including education, rehabilitative programs, and clinical care, as was previously seen throughout the earlier days of the COVID-19 pandemic from March 2020 through March 2021.

7. During outbreaks, a large number of people are on quarantine due to exposure. When quarantined for exposure, incarcerated persons experience restricted movement and therefore have limited access to routine healthcare and screenings because they cannot go to the clinic. Urgent care is provided to patients in their cells or dormitories. Quarantines also divert clinical staff resources to performing mass testing, medication administration, and rounds on COVID-19 patients rather than providing routine medical care.
8. Throughout the pandemic, the maximum capacity of clinics and waiting rooms has been reduced to permit physical distancing and cleaning between use. Frequent program modifications resulting in changes to the availability of programs and services have also been necessary during the COVID-19 pandemic, either to slow the spread of the virus during an outbreak or in response to reduced staffing when high numbers of staff are quarantined for exposure. These program modifications often prevent or limit routine, specialty, and screening appointments. Since the beginning of the pandemic, there have been hundreds of program modification orders at CDCR institutions, some of which lasted for months or even more than a year, and many of which are ongoing. Caring for COVID-19 infected and exposed patients is time consuming and high COVID-19 caseloads have frequently diverted clinical staff from providing routine healthcare. While these restrictions and delays have been necessary to protect patients from COVID-19 and to address patients' most urgent needs, these delays cannot continue indefinitely without negatively affecting patient care. Additional program modifications and the renewed diversion of healthcare resources to address COVID-19 cases from Delta variant outbreaks put patients at a substantial risk of serious harm.
9. Institutions with low staff vaccination rates experience larger and more frequent COVID-19 outbreaks. In those outbreaks, many staff are identified as close contacts of an infected individual and must quarantine, preventing them from working. Where an institution is understaffed because of a significant number of staff in quarantine, program modifications are necessary to allow the institution to operate safely, requiring a decrease in programs and services while the understaffing persists. In just the first 17 days of

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<sup>3</sup> California Department of Corrections and Rehabilitation, Population COVID-19 Tracking, <https://www.cdcr.ca.gov/covid19/population-status-tracking/> (accessed August 17, 2021).

<sup>4</sup> *Id.*

August, hundreds of staff members have been instructed to isolate after contracting COVID-19 and hundreds more to quarantine based upon contact with people infected with COVID-19. Approximately 5,500 staff members have been instructed to quarantine since September 2020. The large number of staff in quarantine has contributed to delays in clinical care.

10. The significant growth in appointment backlogs over the course of the pandemic demonstrate the risk of additional delays from new COVID-19 outbreaks in CDCR institutions. A comparison of the Primary Care Provider Staffing and Primary Care Backlog Reports for February 29, 2020,<sup>5</sup> the month before the pandemic, and for January 31, 2021<sup>6</sup> shows that the pandemic significantly increased the backlog of primary care appointments in CDCR institutions. Subsequently as a result of several months of lower COVID case-rates, CDCR medical professionals were able to reduce the backlog to near pre-pandemic levels by July 31, 2021.<sup>7</sup> Primary care appointments are important for both optimal control of chronic health conditions and to foster collaborative, trusting relationships between providers and patients, both of which are important factors contributing to a patient's health and well-being. The recent increase in case counts due to the Delta variant have resulted in more frequent program modifications, threatening to erase these improvements.
11. CCHCS records of specialty care appointment backlogs for February 2020, January 2021, and July 2021 demonstrate the significant increase in backlog of specialty care appointments caused by the COVID-19 pandemic.<sup>8</sup> In February 2020, prior to the pandemic, most specialty care was being provided within approved time frames with 3,307 overdue specialty care appointments system-wide.<sup>9</sup> From the beginning of the pandemic, onsite specialty care has been limited by frequent program modifications, by the necessity of maintaining social distancing and cleaning protocols between appointments, and by the diversion of medical staff to patients' most pressing medical needs, including COVID-19. In order to avoid introducing COVID-19 into CDCR institutions, some non-urgent off-site specialty care appointments and screenings were postponed. Other offsite providers stopped accepting patients. By January 2021 these factors caused the number of overdue specialty care appointments to grow by more than 540% to 17,868 appointments overdue.<sup>10</sup> Lower COVID-19 case-volumes since March of this year allowed a significant reduction in overdue specialty appointments, declining to 8,052 overdue appointments overdue in July 2021.<sup>11</sup> Growing COVID case-rates due to the Delta variant will likely result in increasing specialty services delays. Specialty

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<sup>5</sup> Exhibit C

<sup>6</sup> Exhibit D

<sup>7</sup> Exhibit E

<sup>8</sup> Exhibit F

<sup>9</sup> *Id.*

<sup>10</sup> *Id.*

<sup>11</sup> *Id.*

care appointments, even where not urgent, serve a variety of important purposes. For example, physical therapy appointments help patients alleviate pain and maintain good overall physical fitness; colonoscopy appointments help catch colon cancer early; and optometry appointments are important to patients' safety and quality of life.

12. During the first year of the COVID-19 pandemic, vaccines were not widely available. The limitations placed upon routine healthcare services caused by physical distancing, program modifications during outbreaks, and the need to focus limited healthcare resources on patients' most pressing needs was unavoidable. CDCR staff performed very well in exceptionally trying circumstances. Safe and effective vaccines are now widely available. COVID related outbreaks, the resulting lockdowns and quarantines, hospitalizations, and deaths are largely avoidable through very high levels of vaccination, particularly amongst employees who have close contact with the incarcerated, and incarcerated persons who work outside institutions or accept in person visitation.

I declare that the foregoing is true and correct.

Executed on this 20th day of August, 2021, at Sacramento, California.

DocuSigned by:  
**Joseph Bick**  
347167202A8A404  
\_\_\_\_\_  
Joseph Bick, M.D.

# EXHIBIT A

## Breakthrough COVID Infections - CDCR Patients

Data as of 8/18/2021 (anonymized)

COVID Risk Score	COVID Vaccine Brand	Final Vaccine Dose Date	Fully Vaccinated Date (14 days after final dose)	First Positive PCR Test Date	Breakthrough Postive PCR Test Date	Breakthrough Type	COVID Related Hospitalization After Breakthrough Positive	Hospital Length of Stay
3	Moderna	2/26/2021	3/12/2021	3/20/2021	3/20/2021	Breakthrough was first positive		
5	Moderna	1/25/2021	2/8/2021	3/26/2021	3/26/2021	Breakthrough was first positive		
7	Moderna	2/11/2021	2/25/2021	3/26/2021	3/26/2021	Breakthrough was first positive		
2	Moderna	3/2/2021	3/16/2021	3/26/2021	3/26/2021	Breakthrough was first positive		
9	Moderna	2/11/2021	2/25/2021	3/26/2021	3/26/2021	Breakthrough was first positive		
6	Moderna	2/16/2021	3/2/2021	8/14/2021	8/14/2021	Breakthrough was first positive		
13	Moderna	1/25/2021	2/8/2021	3/23/2021	3/23/2021	Breakthrough was first positive		
2	Moderna	3/2/2021	3/16/2021	3/27/2021	3/27/2021	Breakthrough was first positive		
8	Moderna	3/8/2021	3/22/2021	12/30/2020	5/18/2021	Breakthrough positive was at least 90 days after first positive		
2	Moderna	3/2/2021	3/16/2021	3/26/2021	3/26/2021	Breakthrough was first positive		
1	Moderna	3/3/2021	3/17/2021	7/12/2021	7/12/2021	Breakthrough was first positive		
0	Moderna	4/27/2021	5/11/2021	8/13/2021	8/13/2021	Breakthrough was first positive		
0	Janssen	5/7/2021	5/21/2021	11/12/2020	8/13/2021	Breakthrough positive was at least 90 days after first positive		
0	Pfizer	2/24/2021	3/10/2021	6/27/2021	6/27/2021	Breakthrough was first positive		
1	Moderna	4/28/2021	5/12/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
9	Pfizer	1/27/2021	2/10/2021	3/18/2021	3/18/2021	Breakthrough was first positive		
0	Moderna	3/23/2021	4/6/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
1	Moderna	3/26/2021	4/9/2021	7/19/2021	7/19/2021	Breakthrough was first positive		
0	Moderna	3/8/2021	3/22/2021	7/24/2021	7/24/2021	Breakthrough was first positive		
0	Janssen	6/15/2021	6/29/2021	7/28/2021	7/28/2021	Breakthrough was first positive		
2	Moderna	2/22/2021	3/8/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
10	Moderna	2/11/2021	2/25/2021	7/23/2021	7/23/2021	Breakthrough was first positive		



9	Moderna	2/24/2021	3/10/2021	1/25/2021	4/28/2021	Breakthrough positive was at least 90 days after first positive		
10	Moderna	2/16/2021	3/2/2021	7/18/2021	7/18/2021	Breakthrough was first positive		
10	Pfizer	2/26/2021	3/12/2021	12/23/2020	5/10/2021	Breakthrough positive was at least 90 days after first positive	Yes	9 Days
13	Moderna	3/8/2021	3/22/2021	11/12/2020	7/22/2021	Breakthrough positive was at least 90 days after first positive		
13	Moderna	2/17/2021	3/3/2021	6/8/2021	6/8/2021	Breakthrough was first positive		
2	Moderna	3/22/2021	4/5/2021	6/3/2021	6/3/2021	Breakthrough was first positive		
11	Pfizer	1/26/2021	2/9/2021	6/9/2021	6/9/2021	Breakthrough was first positive		
7	Moderna	2/1/2021	2/15/2021	3/31/2021	3/31/2021	Breakthrough was first positive		
10	Pfizer	1/20/2021	2/3/2021	2/24/2021	2/24/2021	Breakthrough was first positive		
5	Moderna	2/17/2021	3/3/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
3	Moderna	2/25/2021	3/11/2021	5/28/2021	5/28/2021	Breakthrough was first positive		
2	Moderna	3/11/2021	3/25/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
2	Pfizer	2/27/2021	3/13/2021	6/4/2021	6/4/2021	Breakthrough was first positive		
8	Moderna	3/16/2021	3/30/2021	11/30/2020	5/23/2021	Breakthrough positive was at least 90 days after first positive		
2	Moderna	3/15/2021	3/29/2021	12/28/2020	4/2/2021	Breakthrough positive was at least 90 days after first positive		
7	Moderna	2/22/2021	3/8/2021	6/1/2021	6/1/2021	Breakthrough was first positive		
4	Moderna	2/25/2021	3/11/2021	5/27/2021	5/27/2021	Breakthrough was first positive		
3	Moderna	2/22/2021	3/8/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
13	Moderna	2/23/2021	3/9/2021	6/1/2021	6/1/2021	Breakthrough was first positive		
2	Moderna	2/8/2021	2/22/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
2	Pfizer	3/17/2021	3/31/2021	1/5/2021	4/6/2021	Breakthrough positive was at least 90 days after first positive		
4	Moderna	3/9/2021	3/23/2021	9/25/2020	6/29/2021	Breakthrough positive was at least 90 days after first positive		
1	Moderna	4/21/2021	5/5/2021	6/2/2020	8/11/2021	Breakthrough positive was at least 90 days after first positive		
6	Pfizer	3/29/2021	4/12/2021	12/8/2020	6/8/2021	Breakthrough positive was at least 90 days after first positive		
3	Moderna	2/26/2021	3/12/2021	3/21/2021	3/21/2021	Breakthrough was first positive		

3	Pfizer	1/29/2021	2/12/2021	3/15/2021	3/15/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	8/6/2021	8/6/2021	Breakthrough was first positive		
1	Moderna	4/27/2021	5/11/2021	1/12/2021	7/27/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	3/3/2021	3/17/2021	8/13/2021	8/13/2021	Breakthrough was first positive		
1	Pfizer	2/23/2021	3/9/2021	7/27/2021	7/27/2021	Breakthrough was first positive		
8	Pfizer	1/18/2021	2/1/2021	4/29/2021	4/29/2021	Breakthrough was first positive		
4	Pfizer	1/26/2021	2/9/2021	2/9/2021	2/9/2021	Breakthrough was first positive		
3	Janssen	3/17/2021	3/31/2021	7/22/2021	7/22/2021	Breakthrough was first positive		
9	Moderna	3/16/2021	3/30/2021	11/16/2020	4/17/2021	Breakthrough positive was at least 90 days after first positive		
3	Moderna	2/17/2021	3/3/2021	6/8/2021	6/8/2021	Breakthrough was first positive		
3	Pfizer	2/12/2021	2/26/2021	5/10/2021	5/10/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
2	Moderna	4/22/2021	5/6/2021	7/14/2020	8/11/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	3/2/2021	3/16/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
1	Pfizer	1/25/2021	2/8/2021	6/8/2021	6/8/2021	Breakthrough was first positive		
0	Moderna	3/1/2021	3/15/2021	4/23/2021	4/23/2021	Breakthrough was first positive		
0	Moderna	3/11/2021	3/25/2021	6/4/2021	6/4/2021	Breakthrough was first positive		
0	Moderna	4/22/2021	5/6/2021	12/8/2020	7/30/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	3/5/2021	3/19/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
1	Moderna	3/1/2021	3/15/2021	7/25/2021	7/25/2021	Breakthrough was first positive		
3	Moderna	2/17/2021	3/3/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
7	Moderna	3/19/2021	4/2/2021	12/18/2020	5/1/2021	Breakthrough positive was at least 90 days after first positive		
2	Pfizer	2/17/2021	3/3/2021	4/9/2021	4/9/2021	Breakthrough was first positive		
0	Moderna	3/17/2021	3/31/2021	8/6/2021	8/6/2021	Breakthrough was first positive		
0	Moderna	3/26/2021	4/9/2021	4/23/2021	4/23/2021	Breakthrough was first positive		
0	Janssen	3/25/2021	4/8/2021	11/10/2020	8/9/2021	Breakthrough positive was at least 90 days after first positive		
0	Janssen	6/29/2021	7/13/2021	8/6/2021	8/6/2021	Breakthrough was first positive		
0	Moderna	3/4/2021	3/18/2021	7/4/2021	7/4/2021	Breakthrough was first positive		

0	Moderna	3/5/2021	3/19/2021	8/6/2021	8/6/2021	Breakthrough was first positive		
14	Moderna	2/16/2021	3/2/2021	6/25/2021	6/25/2021	Breakthrough was first positive		
1	Janssen	6/30/2021	7/14/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
0	Moderna	1/30/2021	2/13/2021	3/31/2021	3/31/2021	Breakthrough was first positive		
1	Moderna	3/2/2021	3/16/2021	8/2/2021	8/2/2021	Breakthrough was first positive		
1	Moderna	3/3/2021	3/17/2021	8/2/2021	8/2/2021	Breakthrough was first positive		
0	Janssen	5/29/2021	6/12/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
1	Moderna	3/11/2021	3/25/2021	8/13/2021	8/13/2021	Breakthrough was first positive		
0	Pfizer	4/19/2021	5/3/2021	7/21/2021	7/21/2021	Breakthrough was first positive		
0	Janssen	4/6/2021	4/20/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
0	Moderna	2/25/2021	3/11/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
7	Pfizer	3/11/2021	3/25/2021	12/12/2020	6/14/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	2/25/2021	3/11/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
6	Pfizer	2/12/2021	2/26/2021	3/25/2021	3/25/2021	Breakthrough was first positive		
1	Moderna	3/1/2021	3/15/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
4	Moderna	2/25/2021	3/11/2021	5/27/2021	5/27/2021	Breakthrough was first positive		
3	Moderna	2/24/2021	3/10/2021	3/24/2021	3/24/2021	Breakthrough was first positive		
2	Pfizer	2/26/2021	3/12/2021	6/4/2021	6/4/2021	Breakthrough was first positive		
3	Pfizer	3/3/2021	3/17/2021	12/22/2020	4/6/2021	Breakthrough positive was at least 90 days after first positive		
8	Moderna	2/17/2021	3/3/2021	6/8/2021	6/8/2021	Breakthrough was first positive		
4	Pfizer	2/17/2021	3/3/2021	6/25/2021	6/25/2021	Breakthrough was first positive		
9	Moderna	4/23/2021	5/7/2021	8/10/2021	8/10/2021	Breakthrough was first positive		
2	Moderna	3/2/2021	3/16/2021	4/21/2021	4/21/2021	Breakthrough was first positive		
0	Moderna	6/29/2021	7/13/2021	8/13/2021	8/13/2021	Breakthrough was first positive		
6	Moderna	2/10/2021	2/24/2021	8/13/2021	8/13/2021	Breakthrough was first positive		
7	Moderna	2/12/2021	2/26/2021	3/1/2021	3/1/2021	Breakthrough was first positive		
3	Moderna	2/27/2021	3/13/2021	8/6/2021	8/6/2021	Breakthrough was first positive		
10	Moderna	1/26/2021	2/9/2021	7/16/2021	7/16/2021	Breakthrough was first positive		
1	Moderna	3/16/2021	3/30/2021	12/11/2020	7/30/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	4/21/2021	5/5/2021	1/19/2021	7/28/2021	Breakthrough positive was at least 90 days after first positive		

13	Pfizer	1/13/2021	1/27/2021	7/20/2021	7/20/2021	Breakthrough was first positive		
0	Moderna	4/26/2021	5/10/2021	12/28/2020	7/22/2021	Breakthrough positive was at least 90 days after first positive		
2	Pfizer	2/26/2021	3/12/2021	6/8/2021	6/8/2021	Breakthrough was first positive		
6	Moderna	3/17/2021	3/31/2021	8/27/2020	6/10/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	3/4/2021	3/18/2021	7/29/2021	7/29/2021	Breakthrough was first positive		
1	Moderna	3/5/2021	3/19/2021	7/21/2021	7/21/2021	Breakthrough was first positive		
2	Janssen	4/12/2021	4/26/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
1	Moderna	4/9/2021	4/23/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
0	Moderna	5/5/2021	5/19/2021	8/10/2021	8/10/2021	Breakthrough was first positive		
2	Pfizer	1/29/2021	2/12/2021	4/15/2021	4/15/2021	Breakthrough was first positive		
4	Pfizer	3/12/2021	3/26/2021	12/4/2020	5/1/2021	Breakthrough positive was at least 90 days after first positive		
0	Janssen	6/17/2021	7/1/2021	7/22/2021	7/22/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	8/5/2021	8/5/2021	Breakthrough was first positive		
0	Janssen	3/19/2021	4/2/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
1	Moderna	3/3/2021	3/17/2021	8/13/2021	8/13/2021	Breakthrough was first positive		
1	Moderna	5/6/2021	5/20/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
0	Moderna	4/5/2021	4/19/2021	1/5/2021	4/19/2021	Breakthrough positive was at least 90 days after first positive		
3	Moderna	4/30/2021	5/14/2021	5/28/2020	8/9/2021	Breakthrough positive was at least 90 days after first positive		
1	Janssen	3/31/2021	4/14/2021	7/28/2021	7/28/2021	Breakthrough was first positive		
1	Janssen	3/15/2021	3/29/2021	6/18/2021	6/18/2021	Breakthrough was first positive		
0	Moderna	3/5/2021	3/19/2021	7/21/2021	7/21/2021	Breakthrough was first positive		
3	Pfizer	2/27/2021	3/13/2021	4/22/2021	4/22/2021	Breakthrough was first positive		
1	Pfizer	2/23/2021	3/9/2021	3/30/2021	3/30/2021	Breakthrough was first positive		
8	Moderna	2/19/2021	3/5/2021	8/15/2021	8/15/2021	Breakthrough was first positive		
1	Janssen	3/15/2021	3/29/2021	6/17/2021	6/17/2021	Breakthrough was first positive		
3	Pfizer	2/17/2021	3/3/2021	6/1/2021	6/1/2021	Breakthrough was first positive		
4	Moderna	3/11/2021	3/25/2021	8/11/2020	4/14/2021	Breakthrough positive was at least 90 days after first positive		
2	Pfizer	2/26/2021	3/12/2021	6/8/2021	6/8/2021	Breakthrough was first positive		

4	Janssen	5/20/2021	6/3/2021	11/6/2020	6/18/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	3/4/2021	3/18/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
6	Moderna	2/19/2021	3/5/2021	8/7/2021	8/7/2021	Breakthrough was first positive		
1	Moderna	2/28/2021	3/14/2021	8/6/2021	8/6/2021	Breakthrough was first positive		
3	Moderna	5/7/2021	5/21/2021	7/15/2020	6/12/2021	Breakthrough positive was at least 90 days after first positive		
1	Janssen	3/25/2021	4/8/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	7/29/2021	7/29/2021	Breakthrough was first positive		
5	Moderna	2/16/2021	3/2/2021	3/2/2021	3/2/2021	Breakthrough was first positive		
1	Pfizer	2/27/2021	3/13/2021	6/4/2021	6/4/2021	Breakthrough was first positive		
1	Moderna	3/12/2021	3/26/2021	8/2/2021	8/2/2021	Breakthrough was first positive		
0	Moderna	3/1/2021	3/15/2021	8/4/2021	8/4/2021	Breakthrough was first positive		
0	Janssen	6/30/2021	7/14/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
7	Janssen	4/9/2021	4/23/2021	12/3/2020	4/30/2021	Breakthrough positive was at least 90 days after first positive		
1	Moderna	3/3/2021	3/17/2021	8/10/2021	8/10/2021	Breakthrough was first positive		
1	Moderna	3/5/2021	3/19/2021	4/7/2021	4/7/2021	Breakthrough was first positive		
0	Pfizer	4/7/2021	4/21/2021	12/18/2020	4/21/2021	Breakthrough positive was at least 90 days after first positive		
3	Moderna	2/25/2021	3/11/2021	6/1/2021	6/1/2021	Breakthrough was first positive		
3	Moderna	7/9/2021	7/23/2021	7/28/2021	7/28/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	6/1/2021	6/1/2021	Breakthrough was first positive		
1	Moderna	3/12/2021	3/26/2021	6/1/2021	6/1/2021	Breakthrough was first positive		
1	Moderna	3/11/2021	3/25/2021	8/9/2021	8/9/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	7/29/2021	7/29/2021	Breakthrough was first positive		
1	Moderna	3/3/2021	3/17/2021	8/12/2021	8/12/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	8/12/2021	8/12/2021	Breakthrough was first positive		
0	Moderna	3/1/2021	3/15/2021	8/7/2021	8/7/2021	Breakthrough was first positive		
14	Pfizer	2/2/2021	2/16/2021	12/24/2020	7/21/2021	Breakthrough positive was at least 90 days after first positive		
1	Janssen	3/11/2021	3/25/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	7/4/2021	7/4/2021	Breakthrough was first positive		

1	Moderna	3/18/2021	4/1/2021	12/10/2020	4/5/2021	Breakthrough positive was at least 90 days after first positive		
12	Moderna	4/27/2021	5/11/2021	8/7/2021	8/7/2021	Breakthrough was first positive	Yes	13 days (patient died during this hospitalization)
8	Moderna	2/16/2021	3/2/2021	6/21/2021	6/21/2021	Breakthrough was first positive		
16	Pfizer	1/26/2021	2/9/2021	2/2/2021	6/11/2021	Breakthrough positive was at least 90 days after first positive		
1	Pfizer	1/25/2021	2/8/2021	6/1/2021	6/1/2021	Breakthrough was first positive		
1	Janssen	4/6/2021	4/20/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
1	Moderna	3/12/2021	3/26/2021	8/2/2021	8/2/2021	Breakthrough was first positive		
0	Moderna	5/5/2021	5/19/2021	12/16/2020	7/16/2021	Breakthrough positive was at least 90 days after first positive		
13	Pfizer	2/25/2021	3/11/2021	12/16/2020	3/26/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	3/4/2021	3/18/2021	8/4/2021	8/4/2021	Breakthrough was first positive		
0	Pfizer	3/19/2021	4/2/2021	12/22/2020	5/5/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	2/23/2021	3/9/2021	3/22/2021	3/22/2021	Breakthrough was first positive		
1	Moderna	3/4/2021	3/18/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
1	Moderna	3/11/2021	3/25/2021	8/10/2021	8/10/2021	Breakthrough was first positive		
0	Moderna	3/11/2021	3/25/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
1	Moderna	3/5/2021	3/19/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
2	Janssen	3/25/2021	4/8/2021	8/6/2021	8/6/2021	Breakthrough was first positive		
0	Moderna	3/26/2021	4/9/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
1	Moderna	3/6/2021	3/20/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
3	Pfizer	3/3/2021	3/17/2021	8/11/2021	8/11/2021	Breakthrough was first positive		
1	Pfizer	4/8/2021	4/22/2021	11/10/2020	8/3/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	3/3/2021	3/17/2021	8/12/2021	8/12/2021	Breakthrough was first positive		
0	Janssen	7/8/2021	7/22/2021	7/26/2021	7/26/2021	Breakthrough was first positive		



1	Moderna	3/2/2021	3/16/2021	8/6/2021	8/6/2021	Breakthrough was first positive		
0	Moderna	3/5/2021	3/19/2021	3/20/2021	3/20/2021	Breakthrough was first positive		
0	Moderna	7/5/2021	7/19/2021	7/29/2021	7/29/2021	Breakthrough was first positive		
0	Janssen	4/2/2021	4/16/2021	7/29/2021	7/29/2021	Breakthrough was first positive		
0	Janssen	7/9/2021	7/23/2021	11/30/2020	8/4/2021	Breakthrough positive was at least 90 days after first positive		
7	Pfizer	2/9/2021	2/23/2021	12/12/2020	4/23/2021	Breakthrough positive was at least 90 days after first positive		
0	Pfizer	2/27/2021	3/13/2021	6/16/2021	6/16/2021	Breakthrough was first positive		
0	Janssen	3/16/2021	3/30/2021	7/19/2021	7/19/2021	Breakthrough was first positive		
1	Moderna	2/26/2021	3/12/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
6	Moderna	2/17/2021	3/3/2021	6/4/2021	6/4/2021	Breakthrough was first positive		
1	Janssen	4/9/2021	4/23/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
2	Moderna	2/16/2021	3/2/2021	3/26/2021	3/26/2021	Breakthrough was first positive		
1	Moderna	3/4/2021	3/18/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
0	Moderna	3/4/2021	3/18/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	8/10/2021	8/10/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	8/5/2021	8/5/2021	Breakthrough was first positive		
0	Moderna	3/12/2021	3/26/2021	6/1/2021	6/1/2021	Breakthrough was first positive		
0	Moderna	4/28/2021	5/12/2021	12/21/2020	7/30/2021	Breakthrough positive was at least 90 days after first positive		
3	Moderna	3/3/2021	3/17/2021	8/10/2021	8/10/2021	Breakthrough was first positive		
2	Moderna	3/3/2021	3/17/2021	4/21/2021	4/21/2021	Breakthrough was first positive		
4	Moderna	5/4/2021	5/18/2021	11/30/2020	7/21/2021	Breakthrough positive was at least 90 days after first positive		
1	Janssen	4/2/2021	4/16/2021	7/25/2021	7/25/2021	Breakthrough was first positive		
2	Pfizer	2/1/2021	2/15/2021	12/29/2020	3/30/2021	Breakthrough positive was at least 90 days after first positive		
1	Moderna	3/4/2021	3/18/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
1	Moderna	3/3/2021	3/17/2021	7/29/2021	7/29/2021	Breakthrough was first positive		
1	Janssen	3/16/2021	3/30/2021	7/23/2021	7/23/2021	Breakthrough was first positive		
1	Moderna	3/8/2021	3/22/2021	8/8/2021	8/8/2021	Breakthrough was first positive		
1	Janssen	3/22/2021	4/5/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	5/27/2021	5/27/2021	Breakthrough was first positive		

0	Moderna	3/3/2021	3/17/2021	7/28/2021	7/28/2021	Breakthrough was first positive		
1	Janssen	4/12/2021	4/26/2021	12/1/2020	6/30/2021	Breakthrough positive was at least 90 days after first positive		
1	Moderna	3/3/2021	3/17/2021	8/10/2021	8/10/2021	Breakthrough was first positive		
0	Moderna	5/1/2021	5/15/2021	6/4/2021	6/4/2021	Breakthrough was first positive		
0	Janssen	3/24/2021	4/7/2021	7/21/2021	7/21/2021	Breakthrough was first positive		
1	Moderna	4/20/2021	5/4/2021	12/9/2020	8/4/2021	Breakthrough positive was at least 90 days after first positive		
6	Pfizer	2/26/2021	3/12/2021	12/17/2020	4/8/2021	Breakthrough positive was at least 90 days after first positive		
1	Moderna	5/7/2021	5/21/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
0	Janssen	7/30/2021	8/13/2021	8/13/2021	8/13/2021	Breakthrough was first positive		
1	Janssen	6/16/2021	6/30/2021	7/31/2021	7/31/2021	Breakthrough was first positive		
0	Moderna	3/4/2021	3/18/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	8/10/2021	8/10/2021	Breakthrough was first positive		
0	Moderna	3/16/2021	3/30/2021	7/22/2021	7/22/2021	Breakthrough was first positive		
2	Pfizer	3/18/2021	4/1/2021	12/7/2020	7/23/2021	Breakthrough positive was at least 90 days after first positive		
1	Moderna	3/18/2021	4/1/2021	5/4/2021	5/4/2021	Breakthrough was first positive		
0	Moderna	6/10/2021	6/24/2021	7/28/2021	7/28/2021	Breakthrough was first positive		
1	Moderna	3/3/2021	3/17/2021	8/10/2021	8/10/2021	Breakthrough was first positive		
0	Pfizer	1/21/2021	2/4/2021	3/22/2021	3/22/2021	Breakthrough was first positive		
1	Janssen	3/19/2021	4/2/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
1	Moderna	2/24/2021	3/10/2021	3/17/2021	3/17/2021	Breakthrough was first positive		
3	Moderna	1/25/2021	2/8/2021	3/23/2021	3/23/2021	Breakthrough was first positive		
2	Moderna	3/23/2021	4/6/2021	1/7/2021	6/3/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	3/3/2021	3/17/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
0	Pfizer	5/21/2021	6/4/2021	8/13/2021	8/13/2021	Breakthrough was first positive		
10	Pfizer	2/26/2021	3/12/2021	12/23/2020	4/20/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	3/16/2021	3/30/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
1	Moderna	3/16/2021	3/30/2021	12/31/2020	4/14/2021	Breakthrough positive was at least 90 days after first positive		



1	Moderna	5/20/2021	6/3/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
1	Moderna	3/4/2021	3/18/2021	4/13/2021	4/13/2021	Breakthrough was first positive		
0	Moderna	3/4/2021	3/18/2021	8/2/2021	8/2/2021	Breakthrough was first positive		
0	Moderna	3/12/2021	3/26/2021	6/1/2021	6/1/2021	Breakthrough was first positive		
0	Moderna	3/5/2021	3/19/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
0	Janssen	3/1/2021	3/15/2021	7/28/2021	7/28/2021	Breakthrough was first positive		
0	Pfizer	2/26/2021	3/12/2021	7/27/2021	7/27/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	8/10/2021	8/10/2021	Breakthrough was first positive		
1	Pfizer	2/27/2021	3/13/2021	6/8/2021	6/8/2021	Breakthrough was first positive		
0	Moderna	3/8/2021	3/22/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
0	Moderna	3/2/2021	3/16/2021	7/22/2021	7/22/2021	Breakthrough was first positive		
0	Janssen	3/17/2021	3/31/2021	6/23/2021	6/23/2021	Breakthrough was first positive		
0	Moderna	3/11/2021	3/25/2021	6/4/2021	6/4/2021	Breakthrough was first positive		
0	Pfizer	4/29/2021	5/13/2021	7/22/2021	7/22/2021	Breakthrough was first positive		
0	Moderna	3/23/2021	4/6/2021	12/3/2020	7/26/2021	Breakthrough positive was at least 90 days after first positive		
2	Pfizer	2/27/2021	3/13/2021	6/11/2021	6/11/2021	Breakthrough was first positive		
0	Moderna	3/17/2021	3/31/2021	12/28/2020	7/26/2021	Breakthrough positive was at least 90 days after first positive		
0	Janssen	3/29/2021	4/12/2021	7/25/2021	7/25/2021	Breakthrough was first positive		
11	Moderna	4/13/2021	4/27/2021	10/23/2020	8/4/2021	Breakthrough positive was at least 90 days after first positive		
2	Moderna	2/1/2021	2/15/2021	7/23/2021	7/23/2021	Breakthrough was first positive		
1	Moderna	3/26/2021	4/9/2021	7/23/2021	7/23/2021	Breakthrough was first positive		
1	Moderna	3/17/2021	3/31/2021	12/16/2020	7/27/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	4/21/2021	5/5/2021	9/21/2020	8/9/2021	Breakthrough positive was at least 90 days after first positive		
0	Moderna	3/3/2021	3/17/2021	8/9/2021	8/9/2021	Breakthrough was first positive		
2	Moderna	2/4/2021	2/18/2021	3/10/2021	3/10/2021	Breakthrough was first positive		
0	Janssen	5/21/2021	6/4/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
0	Moderna	3/3/2021	3/17/2021	3/24/2021	3/24/2021	Breakthrough was first positive		
0	Janssen	4/1/2021	4/15/2021	12/21/2020	4/17/2021	Breakthrough positive was at least 90 days after first positive		

1	Moderna	2/27/2021	3/13/2021	8/16/2021	8/16/2021	Breakthrough was first positive		
0	Janssen	6/18/2021	7/2/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
1	Janssen	6/23/2021	7/7/2021	7/28/2021	7/28/2021	Breakthrough was first positive		
1	Pfizer	4/9/2021	4/23/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
1	Janssen	3/22/2021	4/5/2021	7/26/2021	7/26/2021	Breakthrough was first positive		
0	Pfizer	4/20/2021	5/4/2021	8/11/2021	8/11/2021	Breakthrough was first positive		
0	Moderna	6/10/2021	6/24/2021	6/24/2021	6/24/2021	Breakthrough was first positive		
0	Janssen	5/17/2021	5/31/2021	8/13/2021	8/13/2021	Breakthrough was first positive		
0	Janssen	4/7/2021	4/21/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
2	Moderna	4/11/2021	4/25/2021	8/6/2021	8/6/2021	Breakthrough was first positive		
0	Janssen	7/13/2021	7/27/2021	7/29/2021	7/29/2021	Breakthrough was first positive		
1	Janssen	6/19/2021	7/3/2021	7/22/2021	7/22/2021	Breakthrough was first positive		
0	Moderna	5/25/2021	6/8/2021	6/30/2021	6/30/2021	Breakthrough was first positive		
0	Janssen	5/1/2021	5/15/2021	6/23/2021	6/23/2021	Breakthrough was first positive		
0	Moderna	6/7/2021	6/21/2021	7/30/2021	7/30/2021	Breakthrough was first positive		
0	Pfizer	3/5/2021	3/19/2021	8/9/2021	8/9/2021	Breakthrough was first positive		
0	Janssen	5/5/2021	5/19/2021	6/22/2021	6/22/2021	Breakthrough was first positive		
1	Janssen	5/19/2021	6/2/2021	7/21/2021	7/21/2021	Breakthrough was first positive		
0	Moderna	4/13/2021	4/27/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
0	Janssen	3/31/2021	4/14/2021	7/28/2021	7/28/2021	Breakthrough was first positive		
0	Janssen	4/7/2021	4/21/2021	8/3/2021	8/3/2021	Breakthrough was first positive		
1	Janssen	4/8/2021	4/22/2021	8/9/2021	8/9/2021	Breakthrough was first positive		
0	Janssen	6/3/2021	6/17/2021	7/18/2021	7/18/2021	Breakthrough was first positive		
0	Pfizer	5/6/2021	5/20/2021	8/3/2021	8/3/2021	Breakthrough was first positive		

## Methodology

Data as of 8/18/2021 at 9 am

Breakthrough infections are defined as any positive PCR at least 14 days after completing a 2nd dose of an mRNA vaccine (Pfizer or Moderna) or 14 days after a single dose of the J&J vaccine. Positive point of care tests are not considered to be confirmed breakthrough infections. COVID risk score is the most recent COVID risk score that was calculated. If a patient died or was discharged, the risk score as of the last day they were in our system is used. Breakthrough type displays if the breakthrough positive PCR was the patient's first positive PCR in our system or if it was a new positive 90 days after their first positive. If a patient is positive and then has another positive PCR within 90 days of the first positive, this is not counted as a new infection.

# EXHIBIT B

**COVID Deaths of CDCR Patients as of 8/19/2021**

Anonymized

<b>Age</b>	<b>Covid Risk</b>	<b>Vaccine Status</b>	<b>Breakthrough Case</b>
60	3	Unvaccinated	
65	13	Unvaccinated	
57	3	Unvaccinated	
55	6	Unvaccinated	
71	8	Unvaccinated	
76	8	Unvaccinated	
74	5	Unvaccinated	
70	9	Unvaccinated	
53	4	Unvaccinated	
70	10	Unvaccinated	
74	7	Unvaccinated	
57	6	Unvaccinated	
44	3	Unvaccinated	
83	6	Unvaccinated	
60	1	Unvaccinated	
41	5	Unvaccinated	
69	11	Unvaccinated	
69	11	Unvaccinated	
60	1	Unvaccinated	
43	2	Unvaccinated	
72	9	Unvaccinated	
61	2	Unvaccinated	
65	6	Unvaccinated	
75	11	Unvaccinated	
57	8	Unvaccinated	
59	9	Unvaccinated	
72	9	Unvaccinated	
59	2	Unvaccinated	
79	5	Unvaccinated	
63	6	Unvaccinated	
60	5	Unvaccinated	
60	13	Unvaccinated	
78	6	Unvaccinated	
76	5	Unvaccinated	
61	0	Unvaccinated	
66	7	Unvaccinated	
51	0	Unvaccinated	
72	6	Unvaccinated	
84	6	Unvaccinated	
64	3	Unvaccinated	
73	7	Unvaccinated	
58	2	Unvaccinated	
67	4	Unvaccinated	
68	17	Unvaccinated	
57	2	Unvaccinated	
60	1	Unvaccinated	
57	1	Unvaccinated	
62	2	Unvaccinated	

Age	Covid Risk	Vaccine Status	Breakthrough Case
48	0	Unvaccinated	
69	7	Unvaccinated	
40	2	Unvaccinated	
79	11	Unvaccinated	
74	5	Unvaccinated	
58	4	Unvaccinated	
69	4	Unvaccinated	
77	5	Unvaccinated	
49	1	Unvaccinated	
66	8	Unvaccinated	
73	6	Unvaccinated	
57	1	Unvaccinated	
78	9	Unvaccinated	
66	12	Unvaccinated	
66	8	Unvaccinated	
74	8	Unvaccinated	
71	8	Unvaccinated	
49	3	Unvaccinated	
62	3	Unvaccinated	
61	3	Unvaccinated	
52	3	Unvaccinated	
53	8	Unvaccinated	
61	2	Unvaccinated	
45	3	Unvaccinated	
52	6	Unvaccinated	
60	9	Unvaccinated	
61	1	Unvaccinated	
66	6	Unvaccinated	
71	8	Unvaccinated	
55	1	Unvaccinated	
64	1	Unvaccinated	
75	8	Unvaccinated	
62	1	Unvaccinated	
74	5	Unvaccinated	
44	4	Unvaccinated	
60	3	Unvaccinated	
79	10	Unvaccinated	
68	8	Unvaccinated	
63	7	Unvaccinated	
59	1	Unvaccinated	
72	7	Unvaccinated	
59	4	Unvaccinated	
30	2	Unvaccinated	
59	8	Unvaccinated	
60	0	Unvaccinated	
64	4	Unvaccinated	
63	6	Unvaccinated	
67	11	Unvaccinated	
76	7	Unvaccinated	
58	2	Unvaccinated	
61	4	Unvaccinated	

Age	Covid Risk	Vaccine Status	Breakthrough Case
73	8	Unvaccinated	
60	5	Unvaccinated	
64	3	Unvaccinated	
86	10	Unvaccinated	
65	15	Unvaccinated	
37	2	Unvaccinated	
64	4	Unvaccinated	
71	5	Unvaccinated	
77	7	Unvaccinated	
61	4	Unvaccinated	
57	4	Unvaccinated	
39	1	Unvaccinated	
56	0	Unvaccinated	
68	8	Unvaccinated	
70	8	Unvaccinated	
42	4	Unvaccinated	
83	7	Unvaccinated	
51	3	Unvaccinated	
56	3	Unvaccinated	
46	3	Unvaccinated	
68	10	Unvaccinated	
67	10	Unvaccinated	
63	7	Unvaccinated	
61	6	Unvaccinated	
74	7	Unvaccinated	
66	9	Unvaccinated	
50	3	Unvaccinated	
76	8	Unvaccinated	
73	8	Unvaccinated	
65	6	Unvaccinated	
56	2	Unvaccinated	
53	2	Unvaccinated	
74	11	Unvaccinated	
60	2	Unvaccinated	
48	2	Unvaccinated	
86	9	Unvaccinated	
58	2	Unvaccinated	
71	5	Unvaccinated	
60	3	Unvaccinated	
45	2	Unvaccinated	
50	2	Unvaccinated	
80	10	Unvaccinated	
64	4	Unvaccinated	
73	12	Unvaccinated	
57	3	Unvaccinated	
61	3	Unvaccinated	
55	7	Unvaccinated	
73	13	Unvaccinated	
50	2	Unvaccinated	
69	13	Unvaccinated	
64	5	Unvaccinated	

Age	Covid Risk	Vaccine Status	Breakthrough Case
75	10	Unvaccinated	
66	7	Unvaccinated	
71	6	Unvaccinated	
70	9	Unvaccinated	
56	2	Unvaccinated	
66	11	Unvaccinated	
66	7	Unvaccinated	
60	1	Unvaccinated	
58	7	Unvaccinated	
72	13	Unvaccinated	
61	1	Unvaccinated	
66	5	Unvaccinated	
65	8	Unvaccinated	
73	9	Unvaccinated	
51	2	Unvaccinated	
43	1	Unvaccinated	
61	7	Unvaccinated	
55	6	Unvaccinated	
63	7	Unvaccinated	
50	2	Unvaccinated	
65	6	Unvaccinated	
65	4	Unvaccinated	
74	13	Unvaccinated	
61	4	Unvaccinated	
75	11	Unvaccinated	
64	9	Unvaccinated	
67	6	Unvaccinated	
72	6	Unvaccinated	
58	4	Unvaccinated	
71	10	Dose 1 Given	
64	2	Unvaccinated	
80	6	Unvaccinated	
82	11	Unvaccinated	
62	1	Unvaccinated	
69	8	Unvaccinated	
65	8	Unvaccinated	
66	13	Unvaccinated	
61	7	Unvaccinated	
40	5	Unvaccinated	
80	6	Unvaccinated	
68	12	Unvaccinated	
69	6	Unvaccinated	
62	2	Unvaccinated	
57	3	Unvaccinated	
63	1	Unvaccinated	
60	3	Unvaccinated	
62	4	Unvaccinated	
66	7	Unvaccinated	
58	8	Unvaccinated	
48	2	Unvaccinated	
56	4	Unvaccinated	



Age	Covid Risk	Vaccine Status	Breakthrough Case
65	11	Unvaccinated	
66	8	Unvaccinated	
75	11	Unvaccinated	
63	6	Unvaccinated	
N/A	12	Unvaccinated	
54	6	Unvaccinated	
59	4	Unvaccinated	
60	6	Unvaccinated	
51	7	Unvaccinated	
77	9	Unvaccinated	
69	6	Unvaccinated	
78	11	Unvaccinated	
69	6	Unvaccinated	
72	7	Unvaccinated	
63	7	Dose 1 Given	
77	10	Unvaccinated	
73	8	Unvaccinated	
84	11	Unvaccinated	
68	4	Unvaccinated	
62	6	Unvaccinated	
66	8	Dose 1 Given	
57	2	Unvaccinated	
32	2	Unvaccinated	
50	2	Unvaccinated	
57	9	Dose 1 Given	
56	2	Dose 1 Given	
62	7	Unvaccinated	
66	7	Unvaccinated	
79	9	Unvaccinated	
64	8	Unvaccinated	
66	9	Unvaccinated	
79	12	Partially Vaccinated	
70	13	Partially Vaccinated	
45	5	Vaccinated	Yes
81	12	Vaccinated	Yes

# EXHIBIT C

### PCP STAFFING & BACKLOG REPORT

February 16, 2020 thru February 29, 2020

Institution	Months Since EHRG Live	HR PCP Data								Daily Backlog							QM Tool Usage		PCP Orders					Chronic Care Patients With Out Pending PCP Appointment
		Total Position Authority	Civil Service		Registry Coverage	Telem Coverage	**Adjusted Coverage	**Staffing +/-	Current as of 02/29/2020	Backlog Per 100 Inmates	Backlog Older than 30 Days	Backlog Older than 90 Days	Minimum	Maximum	Average	Average Backlog Between 11/30/19 to 02/29/20	Medical Scheduling Registry	Total PCP Orders	Total PCP Orders Canceled	Orders Cancelled And Not Re-Ordered	Orders Cancelled and Re-Ordered	Percent Cancelled and Re-Ordered		
			Actual Vacancies	*Functional Vacancies																				
CMC	37	14	2.3	-	1	0	-	-	482	12.7	181	55	402	482	432	373	428	1,173	-	-	0	0%	135	
KVSP	34	9	2	-	0	2	-	-	378	10.8	107	0	359	435	398	275	838	1,303	7	5	2	0%	80	
VSP	34	9.5	2.5	-	0	1	-	-	370	12.3	40	0	311	390	356	135	351	1,156	6	4	2	0%	212	
CVSP	37	6	4.6	-	0	1	-	-	214	7.4	66	14	189	215	200	282	746	817	-	-	0	0%	19	
CAL	32	6.5	1.5	-	0.75	1	-	-	59	2.0	3	0	49	75	64	141	247	963	1	1	0	0%	63	
COR	28	10.5	2.5	-	0	2	-	-	50	1.7	0	0	26	59	39	36	1,142	2,417	-	-	0	0%	143	
SQ	35	15.5	8.1	-	1	2	-	-	42	1.0	1	0	14	65	35	201	1,100	1,476	6	5	1	0%	133	
CIM	30	19	1	-	0	0	-	-	21	0.6	3	1	18	30	25	24	345	1,835	7	5	2	0%	88	
CIW	52	10.5	1.5	-	1	0	-	-	21	1.3	2	2	14	24	18	26	207	1,182	1	1	0	0%	27	
CCC	39	6.5	4.5	-	1.25	1	-	-	15	0.4	0	0	2	40	18	24	547	1,043	-	-	0	0%	123	
SCC	39	8	2	-	0	1.9	-	-	15	0.3	1	0	13	28	20	89	776	1,099	2	2	0	0%	96	
CCI	39	10.5	1.5	-	0	1	-	-	11	0.3	0	0	3	15	10	37	991	1,566	2	2	0	0%	18	
ASP	36	9	0.5	-	0	0	-	-	8	0.2	1	1	2	8	4	5	103	950	-	-	0	0%	287	
CEN	36	7	2	-	0	0.6	-	-	4	0.1	1	0	2	7	5	21	469	1,008	-	-	0	0%	73	
PBSP	41	6	4	-	0	3	-	-	4	0.2	1	0	3	5	4	3	205	586	-	-	0	0%	110	
FSP	52	9.5	0.5	-	0	0	-	-	2	0.1	0	0	1	4	2	4	297	799	2	1	1	0%	47	
CAC	40	4.5	0	-	0	0	-	-	2	0.1	0	0	2	2	2	1	161	491	1	1	0	0%	44	
CTF	41	13.5	3.5	-	0.65	2	-	-	0	0.0	0	0	1	2	2	2	750	1,244	-	-	0	0%	252	
PVSP	33	6.5	0.5	-	0	1.3	-	-	0	0.0	0	0	1	3	2	5	312	1,163	1	1	0	0%	25	
NKSP	32	11	1	-	2.25	1	-	-	445	10.3	94	9	363	445	393	512	637	1,758	5	3	2	0%	41	
SOL	42	13.5	3.5	-	0	2	-	-	441	10.5	74	18	436	518	478	314	387	1,217	3	2	1	0%	120	
CCWF	52	12	2.5	-	0.25	2	-	-	391	14.0	20	4	275	393	345	304	406	2,065	6	6	0	0%	250	
CRC	40	8.2	2.2	-	1	0	-	-	377	9.7	155	0	311	377	337	313	53	874	3	3	1	0%	142	
RJD	28	17	1.5	-	1	0	-	-	281	7.2	19	0	221	334	281	117	891	3,548	16	14	2	0%	101	
SATF	30	16	4	-	0	2	-	-	129	2.4	20	2	93	173	139	132	1,450	2,276	2	2	0	0%	89	
SVSP	29	11.5	4.5	-	0.8	3	-	-	102	3.5	3	3	85	185	132	46	824	2,073	9	6	3	0%	106	
LAC	28	11	2	-	1	0	-	-	86	2.7	2	0	63	88	75	80	474	1,321	6	4	2	0%	141	
ISP	35	5	4	-	0	3	-	-	59	2.0	3	0	46	77	59	56	201	747	3	1	2	0%	4	
CMF	29	19	1.2	-	1	0	-	-	57	2.3	13	6	37	57	46	48	751	1,575	4	4	0	0%	214	
HDSP	37	8	3	-	1.25	2	-	-	35	1.1	2	2	15	35	25	69	175	1,264	-	-	0	0%	91	
SAC	33	8.5	3	-	2.55	0	-	-	28	1.2	4	1	17	35	24	45	355	2,034	6	6	0	0%	54	
DVI	35	7	0	-	0	1	-	-	25	1.3	8	3	25	37	31	19	136	872	2	2	0	0%	242	
WSP	28	12.5	1.5	-	0	0	-	-	22	0.5	12	7	16	22	18	18	175	2,014	-	-	0	0%	425	
MCSP	28	18	2	-	1	0	-	-	18	0.5	4	0	17	31	24	18	818	1,898	3	1	2	0%	70	
CHCF	31	37	4	-	5.5	0	-	-	15	0.5	0	0	3	15	6	6	2,592	1,403	3	3	0	0%	614	
SW Total	-	396.7	84.9	-	23.25	35.8	-	-	4209	-	840	128	3,435	4,711	4,046	3,779	20,340	49,210	107	84	23	-	4,679	
SW Average	-	11.3	2.4	-	0.7	1.0	-	-	120	3.5	24	4	98	135	116	108	581	1,406	3	2	1	0.0%	134	

\* Functional Vacancies methodology is currently under revision  
 \*\* Adjusted Coverage and Staffing +/- cannot be calculated due to the dependency on Functional Vacancies

Calculations for vacancy rates are currently under revision. Until new methodology is defined, the columns "Functional Vacancies", "Adjusted Coverage" and "Staffing +/-" will not be calculated.

# EXHIBIT D

**PCP STAFFING & BACKLOG REPORT**

January 16, 2021 thru January 31, 2021

*** Backlog may be affected by COVID-19																								
Institution	Months Since EHRIS Go-Live	HR PCP Data							Daily Backlog								QM Tool Usage		PCP Orders					Chronic Care Patients With Out Pending PCP Appointment
		Total Position Authority	Civil Service		Registry Coverage	Telemed Coverage	**Adjusted Coverage	**Staffing +/-	Current as of 01/31/2021	Backlog Per 100 Inmates	Backlog Older than 30 Days	Backlog Older than 90 Days	Minimum	Maximum	Average	Average Backlog Between 10/31/20 to 01/31/21	Medical Scheduling Registry	Total PCP Orders	Total PCP Orders Canceled	Orders Cancelled And Not Re-Ordered	Orders Cancelled and Re-Ordered	Percent Cancelled and Re-Ordered		
			Actual Vacancies	*Functional Vacancies																				
Delegated Institutions	KVSP	45	9	2	-	1	1.4	-	-	768	21.3	647	207	758	975	868	799	825	1,229	17	11	6	0%	72
	CMC	48	13.5	0	-	0.4	0	-	-	750	25.0	186	28	469	750	578	332	336	448	1	-	1	0%	111
	VSP	45	10	4	-	2.6	1	-	-	461	17.7	143	0	452	582	535	221	404	1,016	8	7	1	0%	215
	SQ	46	14.5	5.1	-	1.6	2	-	-	264	9.8	72	18	219	303	255	307	571	984	3	2	1	0%	43
	SCC	50	8	3	-	0	1	-	-	192	6.9	81	27	167	274	241	156	1,191	567	8	7	1	0%	135
	CCI	50	10	1.5	-	0.5	2	-	-	187	6.4	63	62	148	187	172	190	918	1,287	3	3	0	0%	6
	COR	39	11	4	-	3	1	-	-	164	5.7	50	0	138	171	155	149	1,167	1,379	6	2	4	0%	127
	CVSP	48	5.5	2	-	0	1	-	-	55	3.1	51	10	55	66	61	76	709	565	1	-	1	0%	9
	ASP	47	9.5	1.5	-	0	0	-	-	46	1.4	26	13	46	62	51	47	108	1,006	-	-	0	0%	200
	CEN	47	6.5	1.5	-	0	2.4	-	-	24	0.8	12	0	22	38	31	26	519	770	10	10	0	0%	135
	CAL	43	6	0.5	-	0.5	1	-	-	23	0.7	5	0	15	26	21	16	332	797	2	1	1	0%	70
	PVSP	44	6.5	1	-	0	0.3	-	-	18	0.7	12	0	14	25	18	18	123	1,011	-	-	0	0%	40
	CIM	41	18	-1	-	0	0	-	-	14	0.7	2	1	13	20	15	15	390	768	-	-	0	0%	52
	CTF	52	13	3	-	2.4	2	-	-	12	0.3	0	0	1	12	6	3	768	773	-	-	0	0%	546
	PBSP	52	6	3	-	0	1.4	-	-	8	0.4	2	0	6	13	10	11	10	329	-	-	0	0%	134
	FSP	63	9	0	-	0	0	-	-	5	0.2	1	0	2	5	3	3	189	462	-	-	0	0%	27
CIW	63	9.5	0.5	-	0	0	-	-	5	0.5	0	0	1	7	3	3	430	592	-	-	0	0%	34	
CAC	51	4	0	-	0	0	-	-	3	0.2	2	1	3	6	4	5	21	276	3	3	0	0%	141	
CCC	50	7	5	-	1	1	-	-	2	0.1	1	0	1	6	3	6	625	414	1	1	0	0%	91	
Non-Delegated Institutions	RJD	39	16.5	-0.5	-	0	0	-	-	1,079	30.8	452	3	856	1,079	972	535	1,367	1,789	5	4	1	0%	108
	CCWF	63	11.5	0	-	1	0	-	-	310	15.5	74	2	274	329	307	175	259	1,625	2	-	2	0%	187
	MCSP	39	17.5	-0.5	-	0	1	-	-	302	7.9	71	0	270	408	330	187	593	1,209	87	57	30	2%	67
	ISP	46	6.5	5.5	-	1.6	2	-	-	301	11.1	236	148	291	304	298	256	135	688	1	1	0	0%	6
	SATF	41	15	3	-	0.25	3	-	-	245	5.7	105	23	237	320	269	186	1,162	2,148	21	12	9	0%	71
	SAC	44	8.5	2.5	-	0.8	1	-	-	234	10.6	80	0	145	234	172	82	276	982	-	-	0	0%	17
	HDSP	48	8	3	-	1.25	2	-	-	208	6.3	57	14	134	208	161	205	114	778	1	1	0	0%	154
	CRC	51	8	0	-	0	0	-	-	183	9.6	86	14	180	206	190	137	94	349	1	1	0	0%	30
	CMF	40	18.5	1.7	-	0	0	-	-	151	7.9	71	8	140	175	152	87	464	766	4	4	0	0%	106
	SOL	53	12	2	-	0	1	-	-	127	4.0	15	2	70	127	93	63	303	703	-	-	0	0%	58
	CHCF	42	37	3	-	2.25	0	-	-	109	4.5	21	1	85	154	109	72	1,578	1,181	-	-	0	0%	584
	WSP	39	11.5	0.5	-	1	1	-	-	62	2.6	14	2	34	118	60	205	115	872	3	2	1	0%	296
	LAC	39	11.5	1.5	-	0	1	-	-	28	1.0	2	0	15	47	27	45	385	1,047	-	-	0	0%	60
	DVI	46	6.5	-0.5	-	0	0	-	-	21	1.6	10	5	19	27	23	14	80	360	-	-	0	0%	147
	NKSP	43	10	-1	-	0	1	-	-	20	0.8	0	0	8	57	29	135	804	1,019	10	6	4	0%	10
	SVSP	40	12	6	-	2	1	-	-	15	0.5	0	0	13	49	32	23	966	1,749	3	3	0	0%	102
SW	SW Total	-	387	62.8	-	23.15	31.5	-	-	6,396	-	2,650	589	5,301	7,370	6,254	4,791	18,331	31,938	201	138	63	-	4,191
	SW Average	-	11.1	1.8	-	0.7	0.9	-	-	183	6.4	76	17	151	211	179	137	524	913	6	4	2	0.2%	120

\* Functional Vacancies methodology is currently under revision

\*\* Adjusted Coverage and Staffing +/- cannot be calculated due to the dependency on Functional Vacancies

\*\*\* Backlog may be affected by COVID-19

Calculations for vacancy rates are currently under revision. Until new methodology is defined, the columns "Functional Vacancies", "Adjusted Coverage" and "Staffing +/-" will not be calculated.

# EXHIBIT E

### PCP STAFFING & BACKLOG REPORT

July 16, 2021 thru July 31, 2021

*** Backlog may be affected by COVID-19																								
Institution	Months Since EHRS Go-Live	HR PCP Data							Daily Backlog							QM Tool Usage		PCP Orders					Chronic Care Patients With Out Pending PCP Appointment	
		Total Position Authority	Actual Vacancies	*Functional Vacancies	Registry Coverage	Telemed Coverage	**Adjusted Coverage	**Staffing +/-	Current as of 07/31/2021	Backlog Per 100 Inmates	Backlog Older than 30 Days	Backlog Older than 90 Days	Minimum	Maximum	Average	Average Backlog Between 04/30/21 to 07/31/21	Medical Scheduling Registry	Total PCP Orders	Total PCP Orders Canceled	Orders Cancelled And Not Re-Ordered	Orders Cancelled and Re-Ordered	Percent Cancelled and Re-Ordered		
Delegated Institutions	CMC	54	12	-0.5	-	0.4	0	-	-	243	8.0	121	42	207	317	247	416	-	1,253	24	15	9	1%	151
	KVSP	51	9	2	-	0	2.6	-	-	195	5.6	10	2	133	195	159	247	-	1,635	32	25	7	0%	141
	COR	45	10.5	3.5	-	1	2	-	-	187	5.7	59	14	170	241	193	264	-	2,004	40	25	15	1%	131
	CIW	69	7.5	-0.5	-	0	0	-	-	112	11.1	4	0	28	112	62	20	-	910	14	11	3	0%	21
	VSP	51	9.5	3.5	-	2.6	0	-	-	108	3.6	16	0	79	108	93	76	-	1,273	4	1	3	0%	217
	SQ	52	11	0.6	-	1.8	2	-	-	68	2.6	12	3	51	161	99	94	-	1,364	28	14	14	1%	69
	ASP	53	7.5	0.5	-	1	0	-	-	58	1.7	18	9	29	58	41	36	-	1,264	7	1	6	0%	287
	CVSP	54	5	2	-	0	1	-	-	55	2.5	1	0	30	61	50	21	-	737	1	-	1	0%	12
	CCC	56	4.5	2.5	-	2.25	1	-	-	26	1.2	0	0	5	27	18	5	-	573	-	-	0	0%	77
	CTF	58	13	3	-	1.4	2	-	-	19	0.4	0	0	14	31	22	8	-	1,375	9	2	7	1%	493
	CAL	49	6	0.5	-	0.5	1	-	-	18	0.6	2	0	6	18	12	6	-	752	7	3	4	1%	16
	SCC	56	6.5	0.5	-	0	1	-	-	14	0.4	0	0	1	14	3	9	-	807	15	2	13	2%	105
	CEN	53	6	2	-	0	2	-	-	9	0.3	3	2	7	14	11	23	-	1,117	1	-	1	0%	120
	CIM	47	12	-6	-	0	0	-	-	7	0.3	1	0	5	14	9	8	-	1,657	10	8	2	0%	60
	CCI	56	8.5	1	-	0.5	2	-	-	7	0.2	0	0	1	11	5	9	-	1,369	6	1	5	0%	13
	CAC	57	4	0	-	0	0	-	-	3	0.1	2	0	3	7	5	4	-	502	2	-	2	0%	193
	FSP	69	7	-2	-	0	0	-	-	3	0.1	1	0	2	5	3	6	-	966	2	-	2	0%	14
	PVSP	50	6	0	-	0	1.3	-	-	2	0.1	2	0	2	8	5	9	-	1,391	3	1	2	0%	53
PBSP	58	5.5	2.5	-	1	1.4	-	-	0	0.0	0	0	1	3	2	3	-	464	4	1	3	1%	118	
Non-Delegated Institutions	LAC	45	10	2	-	0	1	-	-	1,285	46.4	621	0	1,047	1,285	1,134	537	-	1,337	28	25	3	0%	31
	NKSP	49	10	-1	-	0	0	-	-	839	21.8	11	0	608	839	683	425	-	2,178	13	10	3	0%	31
	SATF	47	14.5	3.5	-	0.5	3	-	-	498	9.8	48	2	353	498	405	277	-	3,057	52	38	14	0%	78
	RJD	45	15.5	-1.5	-	0	0	-	-	372	11.1	104	11	353	466	405	333	-	3,541	69	35	34	1%	84
	CHCF	48	37	3	-	2	0	-	-	300	12.1	158	50	274	368	309	359	-	1,325	25	19	6	0%	517
	CMF	46	17	3.2	-	1	0	-	-	117	5.8	19	2	82	117	94	86	-	1,149	17	9	8	1%	132
	CCWF	69	10.5	-1	-	0	0	-	-	114	4.8	5	0	83	1,008	588	806	-	3,408	927	223	704	21%	80
	MCSP	45	17.5	3	-	1	0	-	-	106	2.7	22	1	95	107	100	147	-	1,825	19	10	9	0%	146
	HDSP	54	8	4	-	1.25	2	-	-	91	2.8	67	22	87	126	106	514	-	1,526	11	10	1	0%	140
	WSP	45	10	-1	-	1	1	-	-	33	0.9	6	1	17	40	26	33	-	2,384	-	-	0	0%	334
	SAC	50	8	1	-	2.8	0	-	-	30	1.4	2	1	15	101	52	289	-	2,156	51	19	32	1%	32
	CRC	57	5.5	-1.5	-	0	0	-	-	20	0.8	9	2	15	20	17	15	-	830	3	-	3	0%	55
	SVSP	46	12.5	6.5	-	3.6	1	-	-	7	0.2	0	0	1	7	3	3	-	2,327	4	2	2	0%	17
	SOL	59	10.5	1.5	-	0	1	-	-	3	0.1	1	1	2	13	6	72	-	1,101	4	3	1	0%	68
	ISP	52	5.5	3.5	-	1.75	2	-	-	1	0.0	0	0	1	1	1	18	-	674	1	-	1	0%	6
	DVI	52	2.5	-2.5	-	0	0	-	-	1	4.5	1	1	1	2	1	2	-	28	-	-	0	0%	-
SW	SW Total	-	345.5	37.8	-	27.35	30.3	-	-	4,951	-	1,326	166	3,808	6,403	4,968	5,179	0	50,259	1433	513	920	-	4,042
	SW Average	-	9.9	1.1	-	0.8	0.9	-	-	141	4.9	38	5	109	183	142	148	0	1,436	41	15	26	1.0%	115

\* Functional Vacancies methodology is currently under revision

\*\* Adjusted Coverage and Staffing +/- cannot be calculated due to the dependency on Functional Vacancies

\*\*\* Backlog may be affected by COVID-19

Calculations for vacancy rates are currently under revision. Until new methodology is defined, the columns "Functional Vacancies", "Adjusted Coverage" and "Staffing +/-" will not be calculated.

# EXHIBIT F



### Specialty Backlogged Appointments

Institution	February 2020		January 2021		July 2021	
	Total Overdue Specialty Appointments	Average Days Late	Total Overdue Specialty Appointments	Average Days Late	Total Overdue Specialty Appointments	Average Days Late
Statewide	3307	36.1	17868	98.6	8052	114.5
ASP	16	44.6	453	170.9	60	83.8
CAC	3	11.7	270	136.5	43	24.1
CAL	151	21.5	107	62.1	102	35.6
CCC	17	11.1	361	128.6	141	97.2
CCI	9	31.6	575	132.9	27	35.7
CCWF	186	41.2	743	147.4	340	130.9
CEN	7	10.3	101	48.5	109	19.2
CHCF	82	34.5	1469	100.2	925	121.8
CIM	50	35.5	314	122.5	70	37.8
CIW	32	20.5	44	20.3	124	45.9
CMC	132	43.5	789	75.5	710	130.1
CMF	125	22.7	478	38.6	180	31.0
COR	27	23.1	153	27.8	64	33.6
CRC	22	29.2	387	137.8	37	37.5
CTF	29	30.6	382	51.0	87	29.6
CVSP	263	46.7	514	185.7	274	207.7
DVI	25	18.9	13	105.6	0	-
FSP	19	12.2	355	96.3	34	30.4
HDSP	191	46.1	866	144.9	836	212.7
ISP	29	30.5	366	99.2	57	100.5
KVSP	75	11.3	327	53.5	64	40.0
LAC	69	23.9	820	107.3	158	32.9
MCSP	103	25.0	1169	36.3	545	93.4
NKSP	48	51.5	24	96.8	32	15.0
PBSP	40	49.1	216	81.3	28	21.8
PVSP	19	7.6	327	131.4	30	67.4
RJD	416	37.7	1886	82.4	724	112.9
SAC	37	11.6	119	40.8	59	21.2
SATF	344	31.4	597	75.6	210	74.5
SCC	117	24.6	241	116.7	228	35.6
SOL	169	54.6	979	66.6	737	171.9
SQ	138	48.9	1051	105.7	439	112.3
SVSP	236	42.4	488	76.2	253	61.1
VSP	41	22.2	823	126.6	272	82.8
WSP	40	58.2	61	119.9	53	42.7