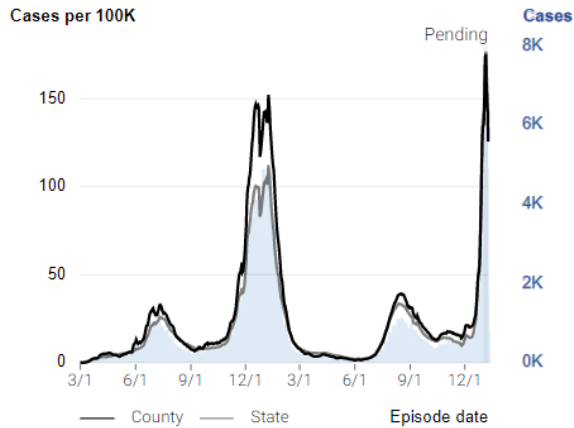


Confirmed cases in Riverside County

Episode date All time

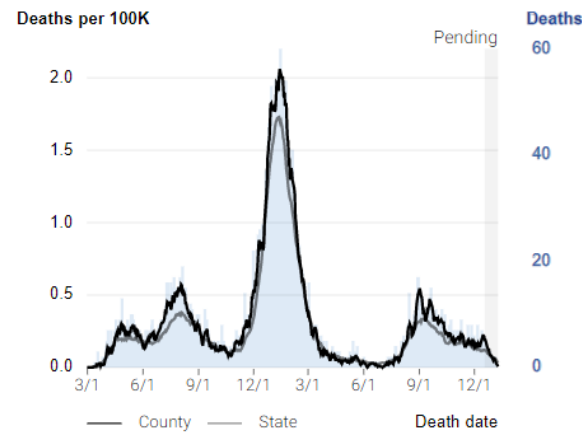
440,413 total confirmed cases
17,822 new cases (4.2% increase)
139.0 cases per 100K (7-day average)



Confirmed deaths in Riverside County

Death date All time

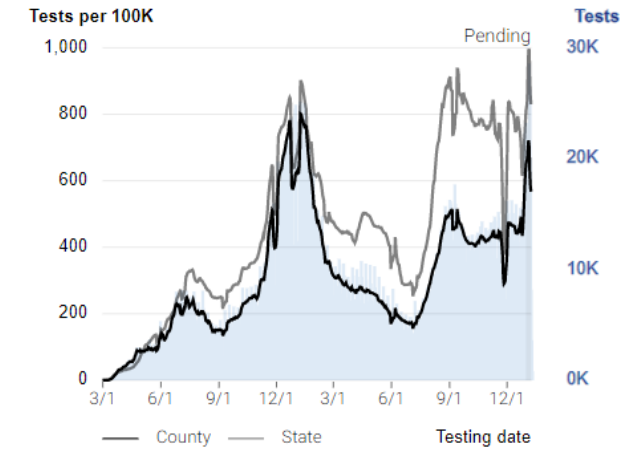
5,546 total confirmed deaths
11 new deaths (0.2% increase)
0.2 deaths per 100K (7-day average)



Total tests in Riverside County

Testing date All time

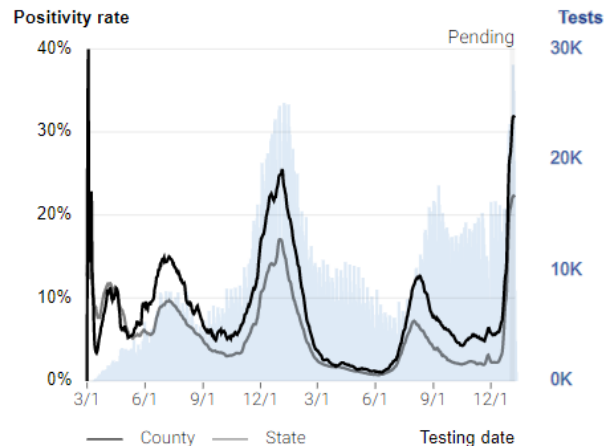
5,109,116 total tests performed
69,995 new tests reported (1.4% increase)



Positivity rate in Riverside County

All time

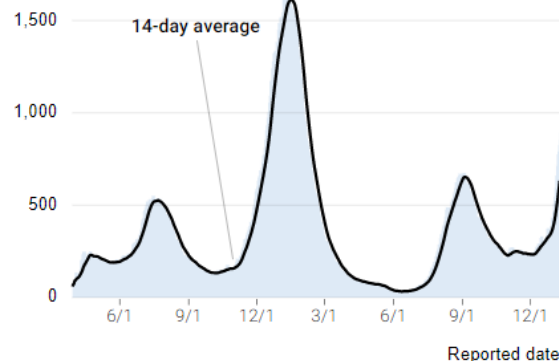
32.0% test positivity (7-day rate)
4.7% increase from 7-days prior



COVID-19 hospitalized patients in Riverside County

Hospitalized All time

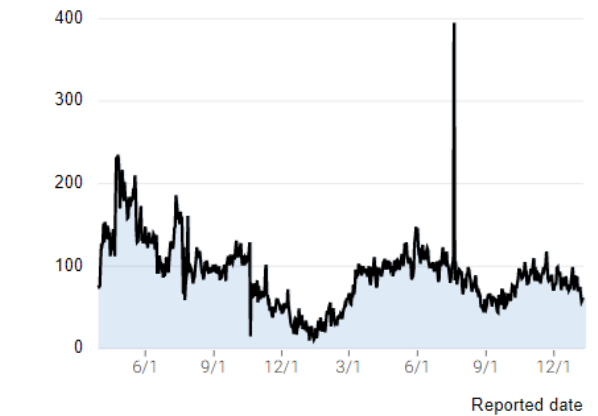
886 COVID-19 hospitalized patients
35 more patients hospitalized from prior day total (4.1% increase)



ICU beds in Riverside County

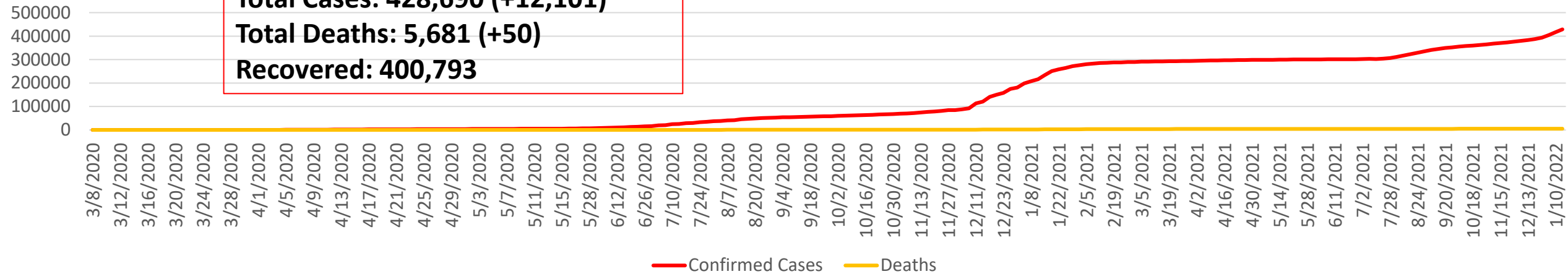
All time

62 ICU beds available
3 more ICU beds available from prior day total (5.1% increase)

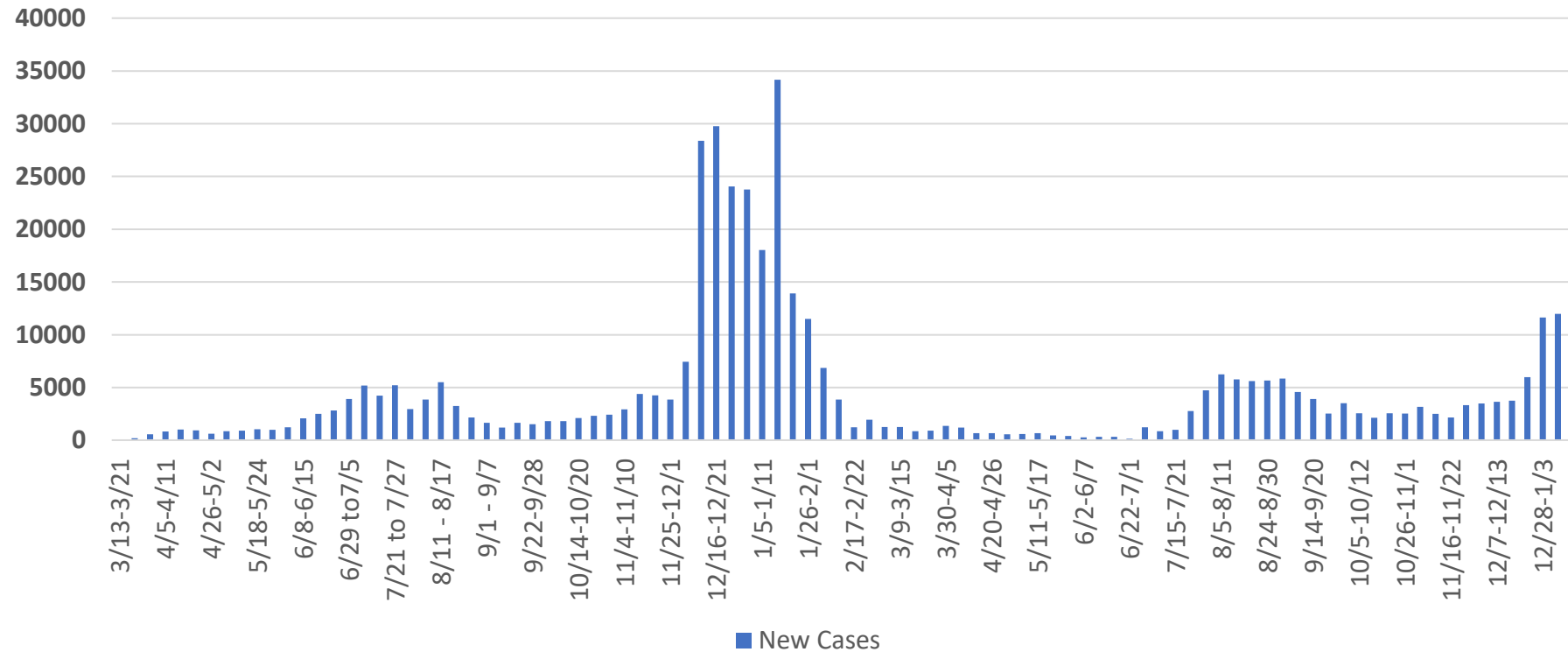


Riverside County

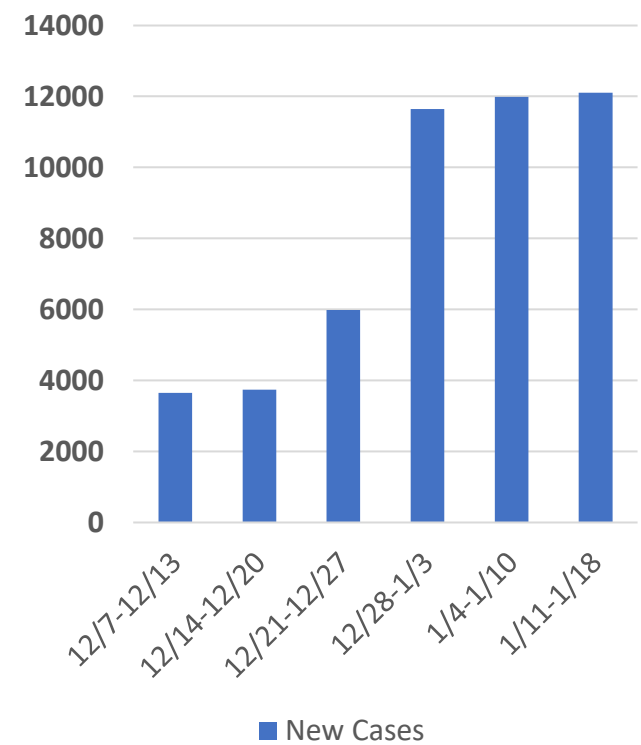
Total Cases: 428,690 (+12,101)
Total Deaths: 5,681 (+50)
Recovered: 400,793



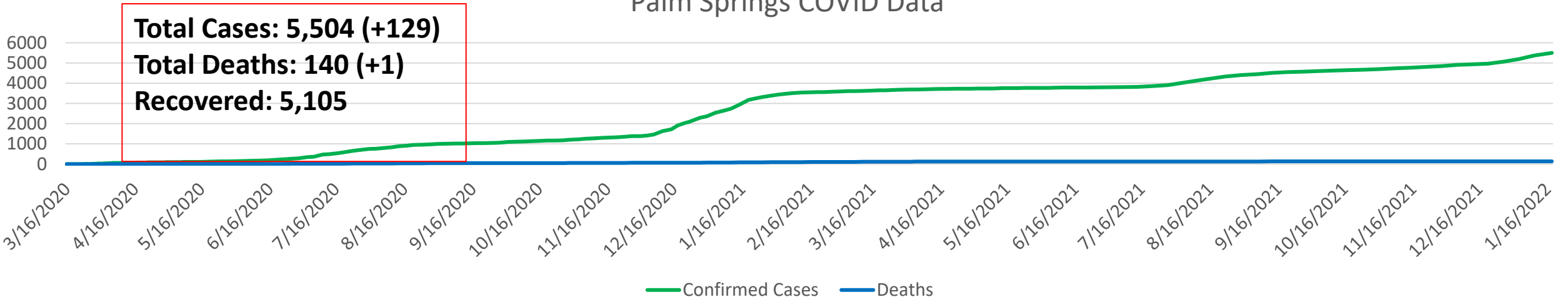
Riverside County Weekly COVID Cases



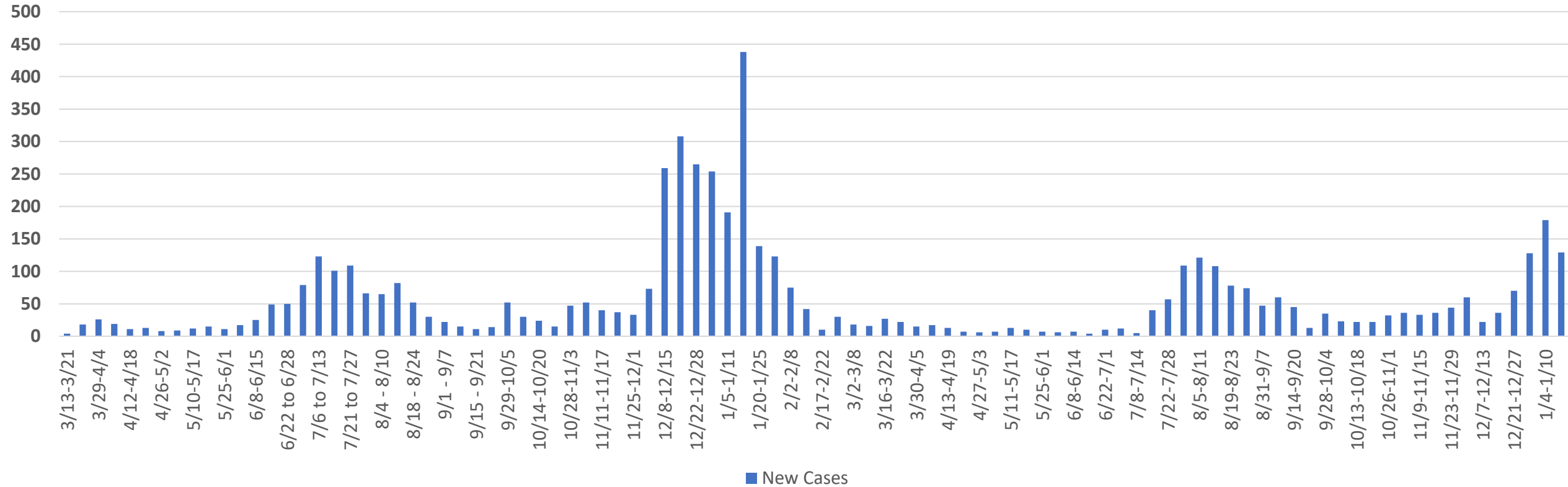
Riverside County Past 6 weeks



Palm Springs COVID Data



Palm Springs Weekly COVID Cases

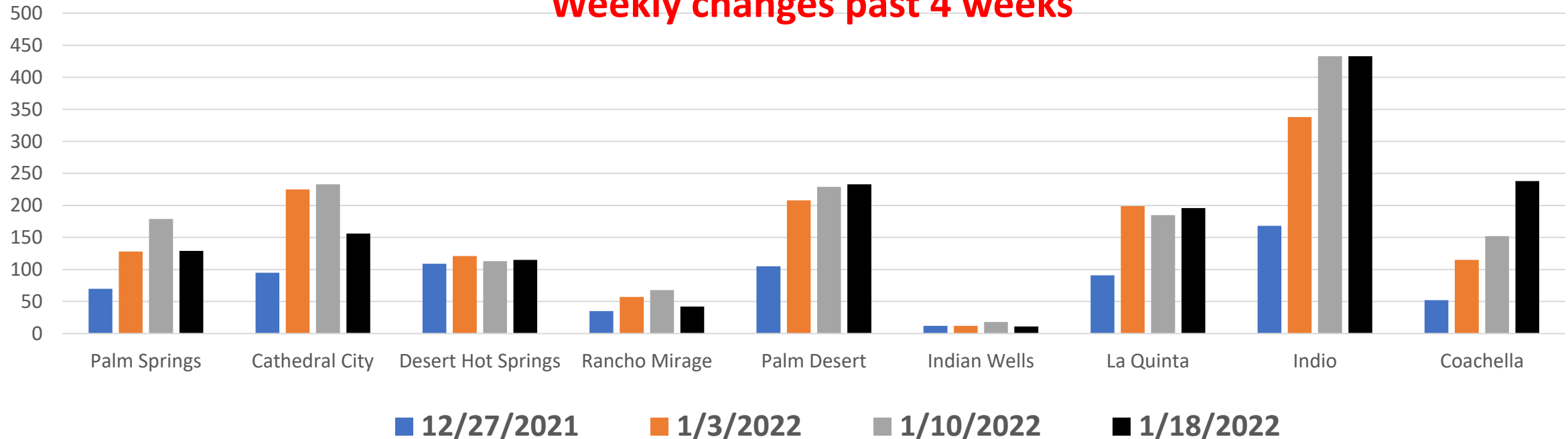


Coachella Valley COVID-19 Cases

As of 1/18/2022

	Palm Springs	Cathedral City	Desert Hot Springs	Rancho Mirage	Palm Desert	Indian Wells	La Quinta	Indio	Coachella
Total cases / deaths	5,504 / 140	9,367 / 136	5,797 / 87	1,687 / 55	6,106 / 139	328 / 8	5,307 / 72	16,491/253	9,398 / 111
1/11 to 1/18	129 / 1	156 / 1	115 / 1	42 / 0	233 / 0	11 / 0	196 / 0	433 / 2	238 / 1

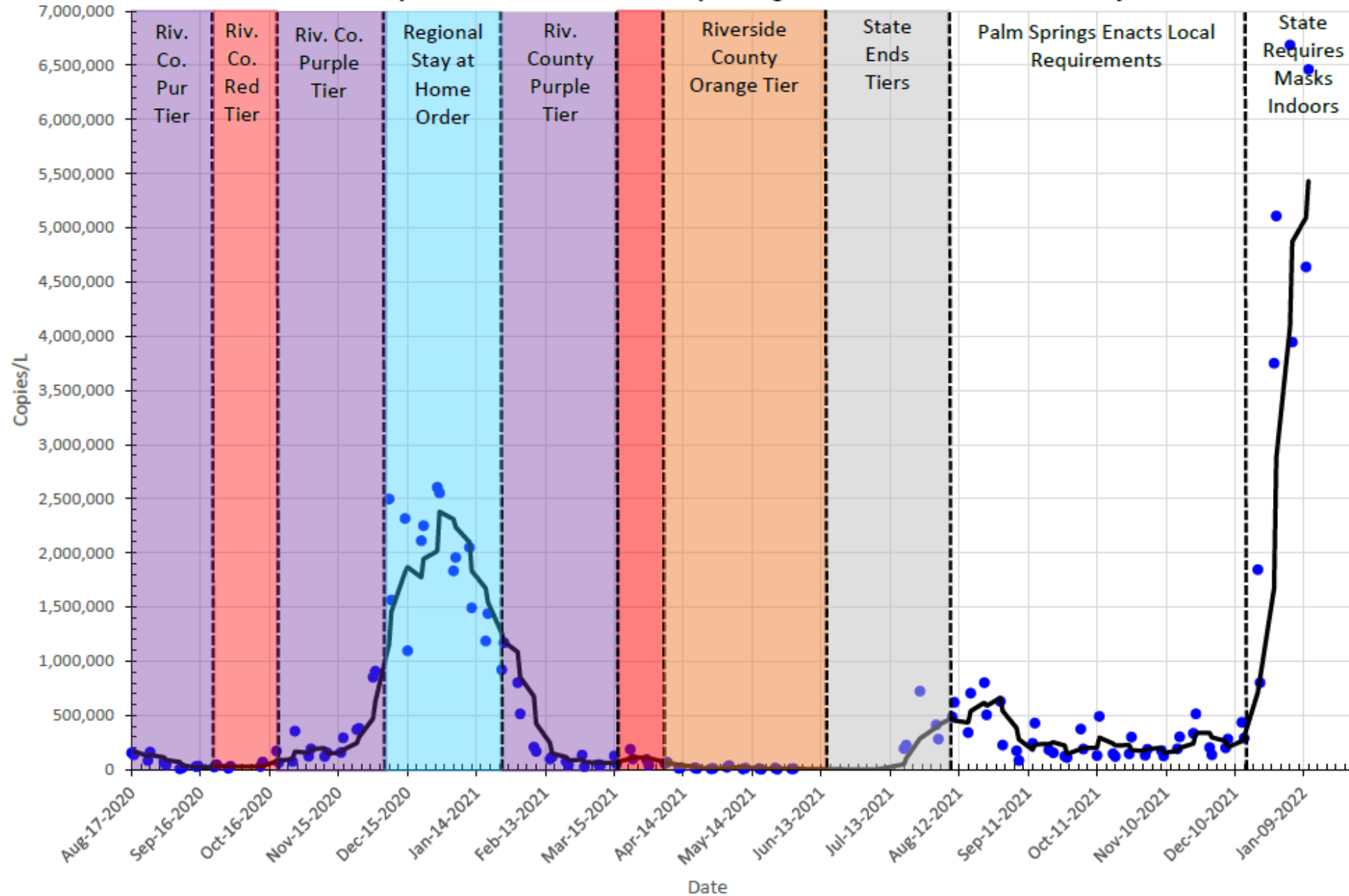
Weekly changes past 4 weeks



City of Palm Springs Wastewater Treatment Plant

SARS-CoV-2 Concentration - Number of Viral Copies per Liter of Wastewater

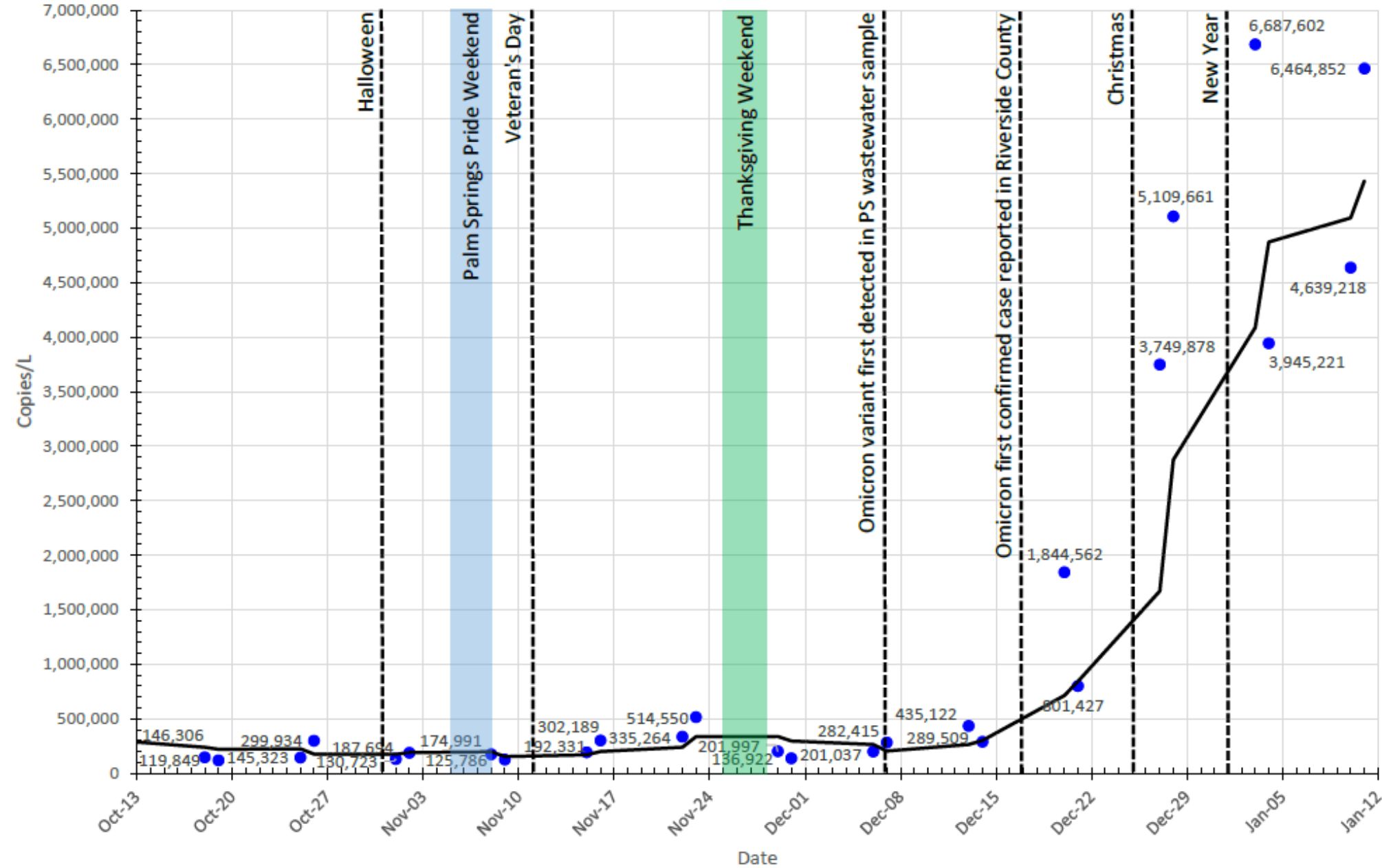
Data Compared to California Reopening Tiers for Riverside County



City of Palm Springs Wastewater Treatment Plant

SARS-CoV-2 Concentration - Number of Viral Copies per Liter of Wastewater

Last 90 Days

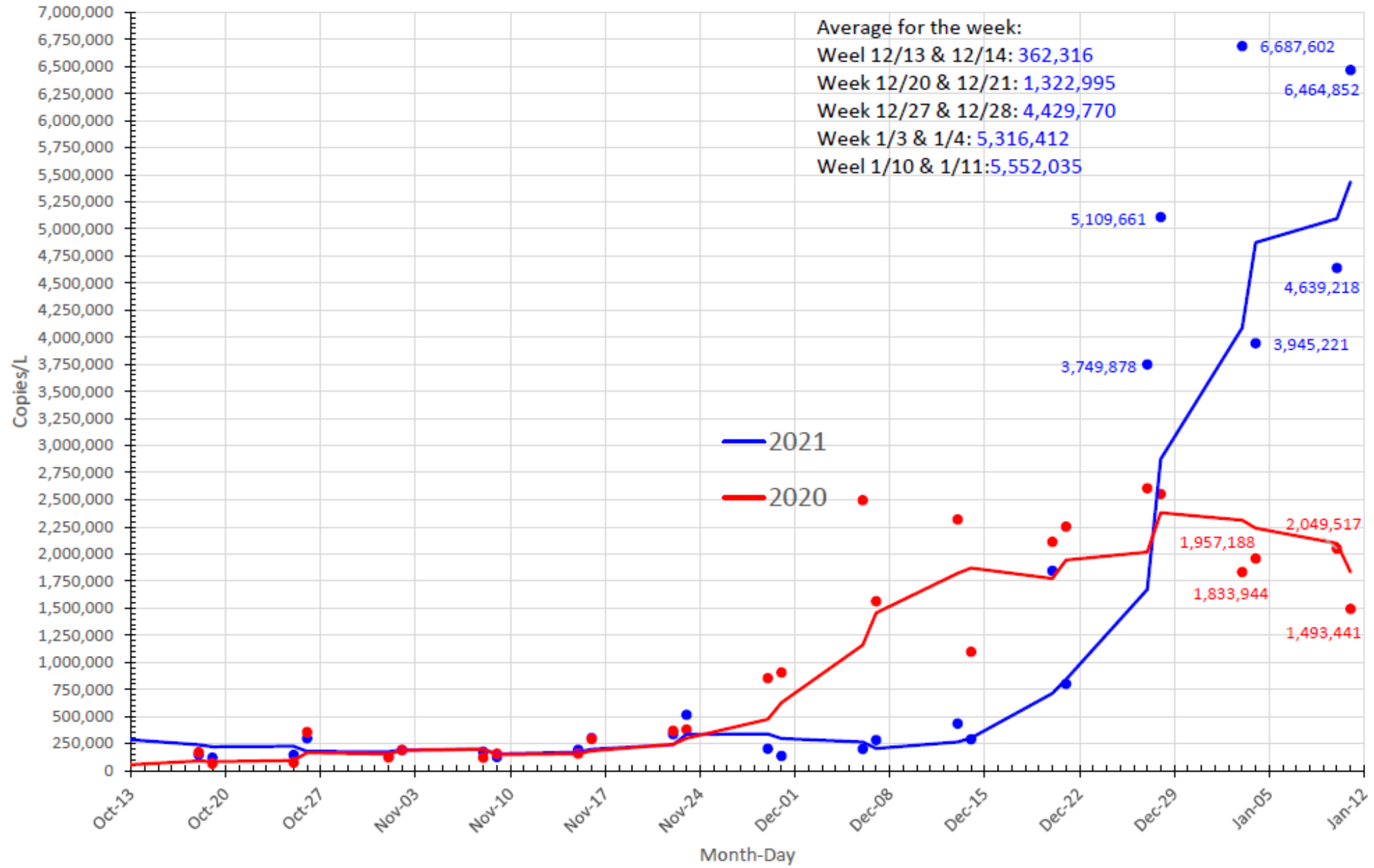


DATE	VIRAL LOAD
11/29/2021	201,997
11/30/2021	136,922
12/6/2021	201,037
12/7/2021	282,415
12/13/2021	435,122
12/14/2021	289,509
12/20/2021	1,844,562
12/21/2021	801,427
12/27/2021	3,749,878
12/28/2021	5,109,661
1/3/2022	6,687,602
1/4/2022	3,945,221
1/10/2022	4,639,218
1/11/2022	6,464,852

City of Palm Springs Wastewater Treatment Plant

SARS-CoV-2 Concentration - Number of Viral Copies per Liter of Wastewater

Comparison of the Last 90 Days to the Same Period in 2020



Account Name: Veolia - City of Palm Springs
 GTID: 18026

Account No: 33
 Internal Location ID:

Customer Provided Information:

Location Identifier: Palm Springs WWTP
 Sample Collection Date: 1/11/2022 9:00:00 AM to 1/12/2022 9:00:00 AM
 Sampling Method: Flow-proportional 24-hr composite
 Average influent flow over sample period (MGD): 4.127

SARS-CoV-2 in Sample

DETECTED

Viral Copies per Liter of Wastewater (recovery adjusted) 6,464,852 copies/L

Estimated COVID-19 Disease Prevalence*

38,361 cases**

87.18 % prevalence rate**

Cases Estimation Range = 20,156 to 89,409 cases

Prevalence Rate Estimation Range = 45.81 to 203.20 %

*Estimated COVID-19 Disease Prevalence values are calculated using the model published in 'Wastewater SARS-CoV-2 Concentration and Loading Variability from Grab and 24-hour compositive samples' by Curtis, et al in medrxiv (2020).

**Disclaimer: This is an estimate. Several assumptions must be made to calculate disease prevalence from this data including viral shedding rates in feces of people infected with COVID-19 of which there is considerable uncertainty within the scientific community.

We stress that the best use of this data is to monitor 'Viral Copies/L' over time for trend analysis.

DATE	Estimated Cases
11/29/2021	1,880
11/30/2021	1,283
12/6/2021	931
12/7/2021	1,583
12/13/2021	1,986
12/14/2021	857
12/2/2021	3,422
12/21/2021	5,269
12/27/2021	16,004
12/28/2021	22,873
1/3/2022	25,370
1/4/2022	21,448
1/10/2022	21,809
1/11/2022	38,361