

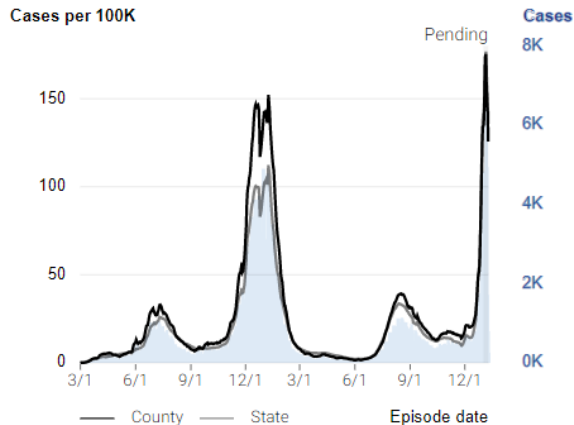
Confirmed cases in Riverside County

Episode date All time

440,413 total confirmed cases

17,822 new cases (4.2% increase)

139.0 cases per 100K (7-day average)



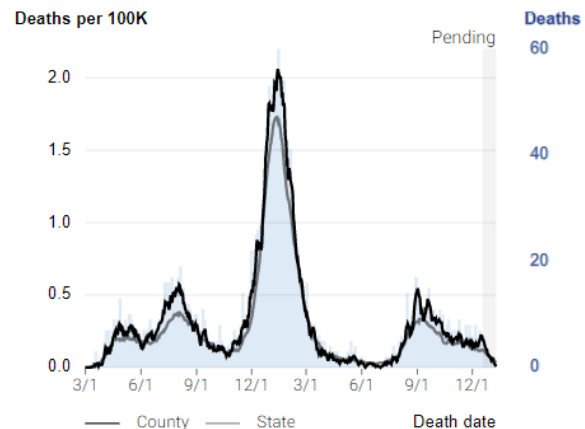
Confirmed deaths in Riverside County

Death date All time

5,546 total confirmed deaths

11 new deaths (0.2% increase)

0.2 deaths per 100K (7-day average)

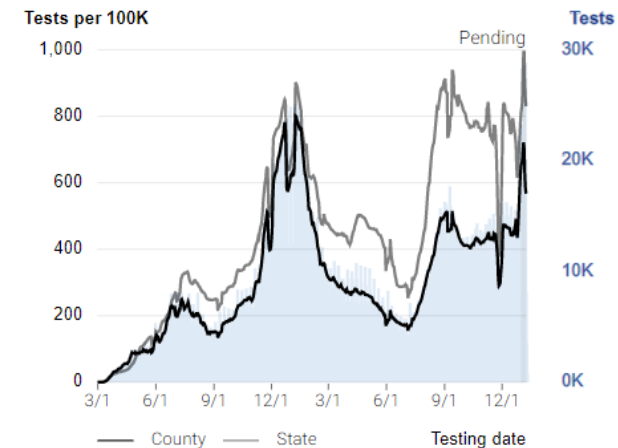


Total tests in Riverside County

Testing date All time

5,109,116 total tests performed

69,995 new tests reported (1.4% increase)

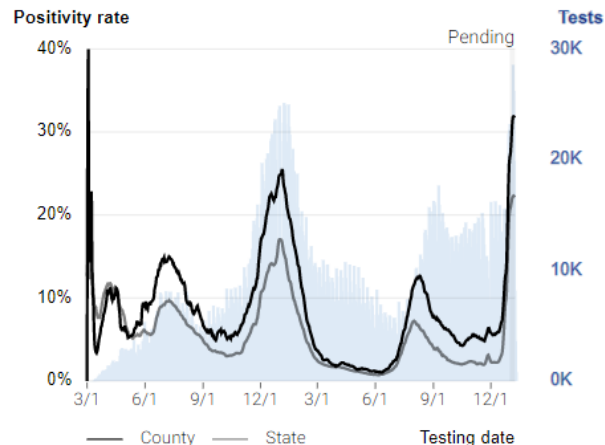


Positivity rate in Riverside County

All time

32.0% test positivity (7-day rate)

4.7% increase from 7-days prior

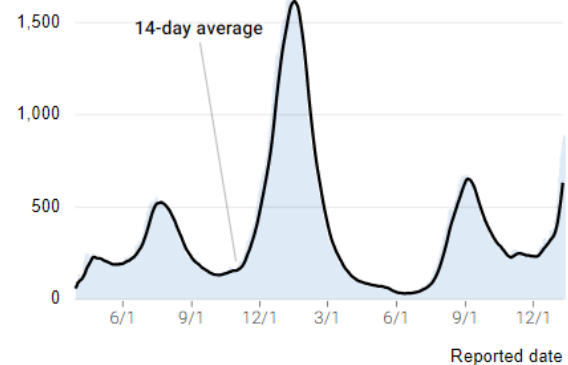


COVID-19 hospitalized patients in Riverside County

Hospitalized All time

886 COVID-19 hospitalized patients

35 more patients hospitalized from prior day total (4.1% increase)

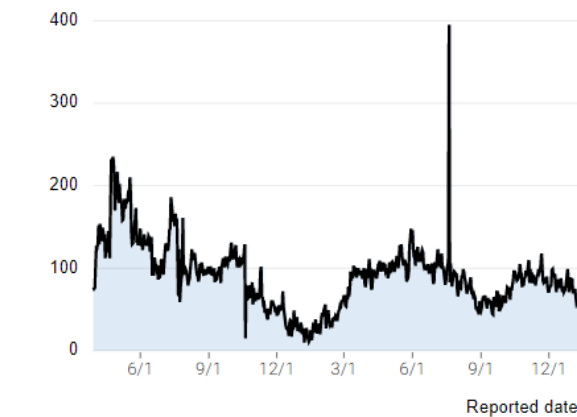


ICU beds in Riverside County

All time

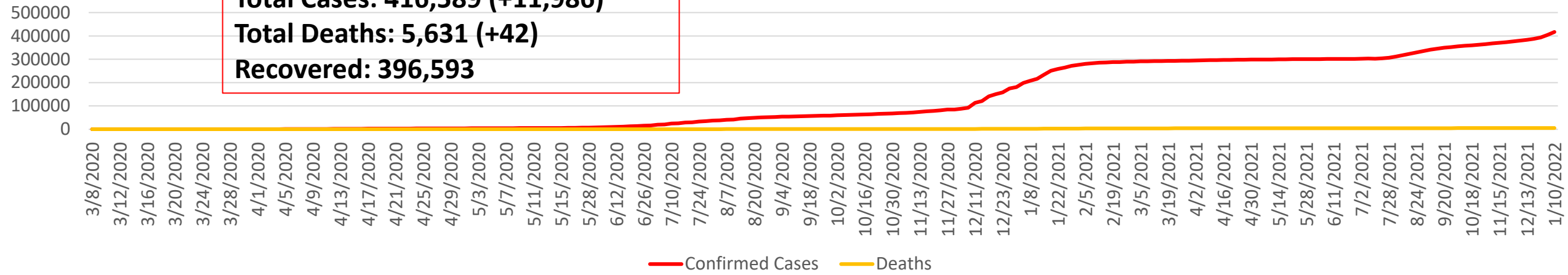
62 ICU beds available

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

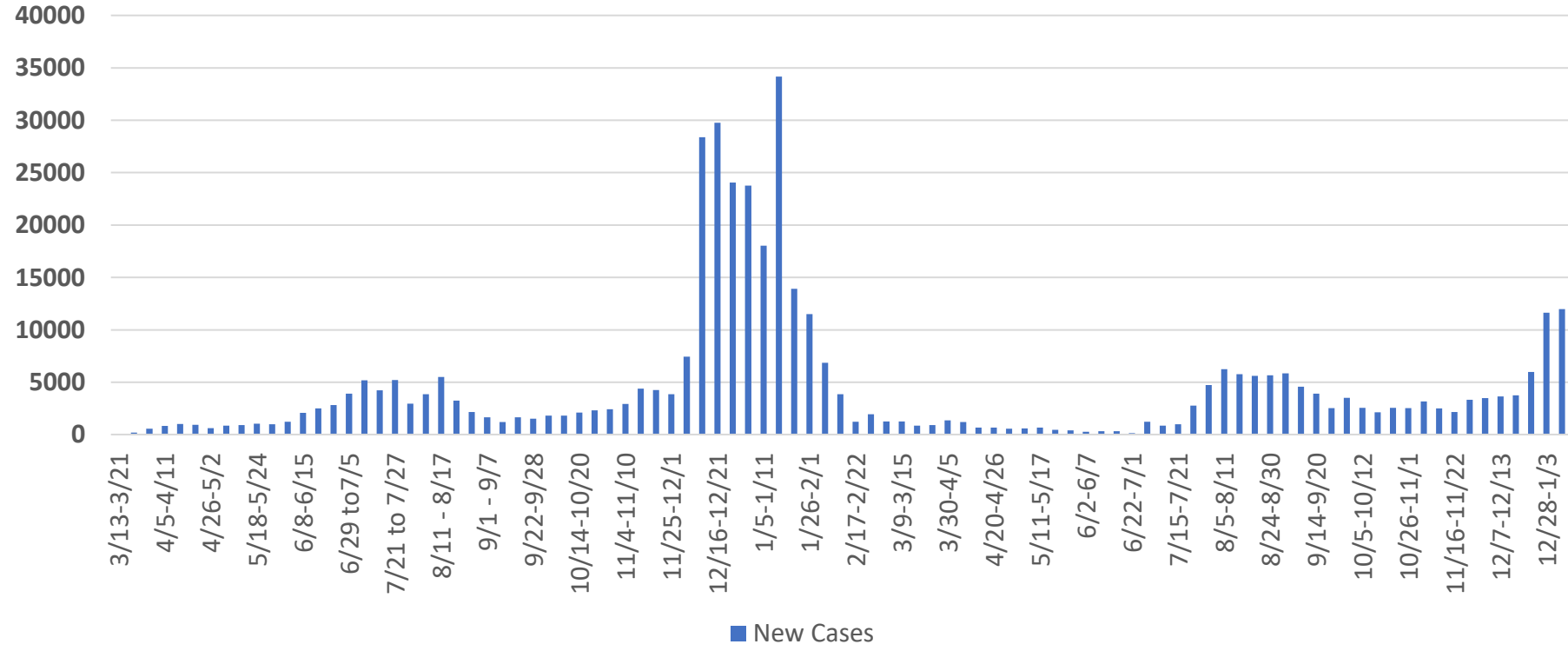


Riverside County

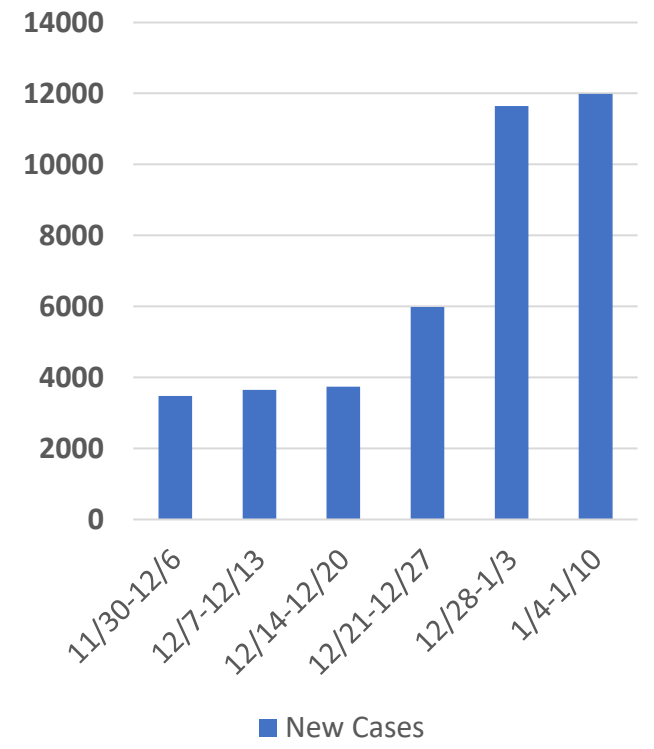
Total Cases: 416,589 (+11,986)
Total Deaths: 5,631 (+42)
Recovered: 396,593



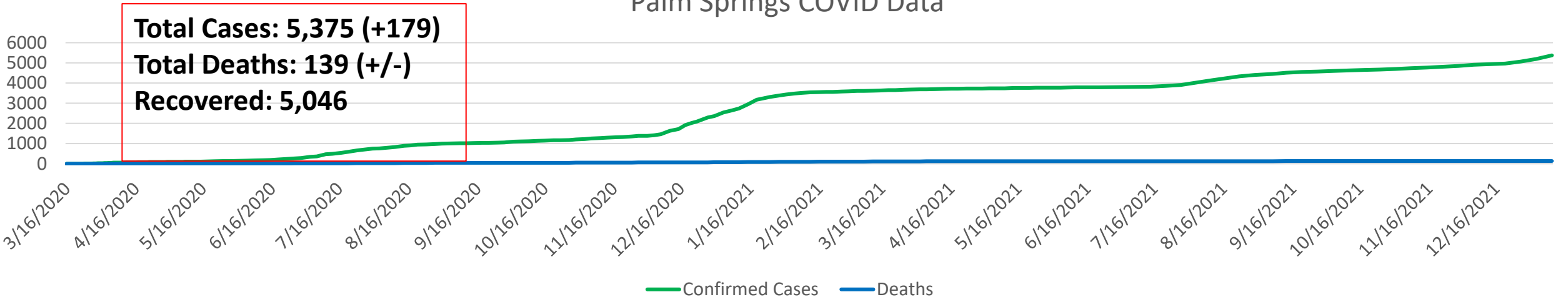
Riverside County Weekly COVID Cases



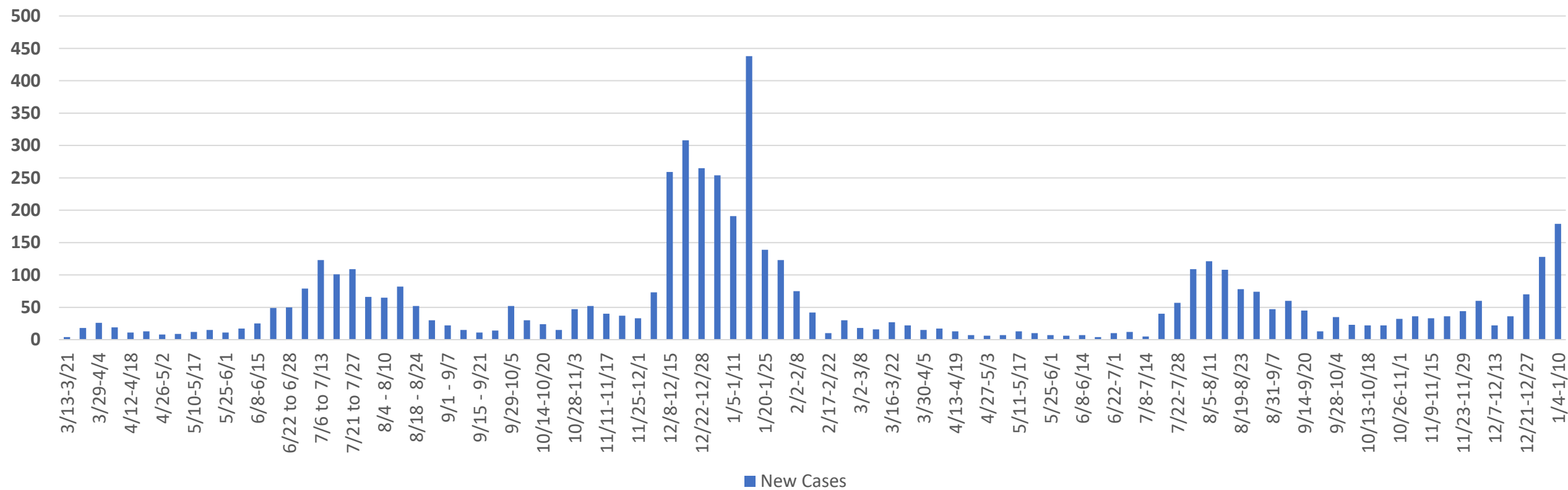
Riverside County Past 6 weeks



Palm Springs COVID Data



Palm Springs Weekly COVID Cases

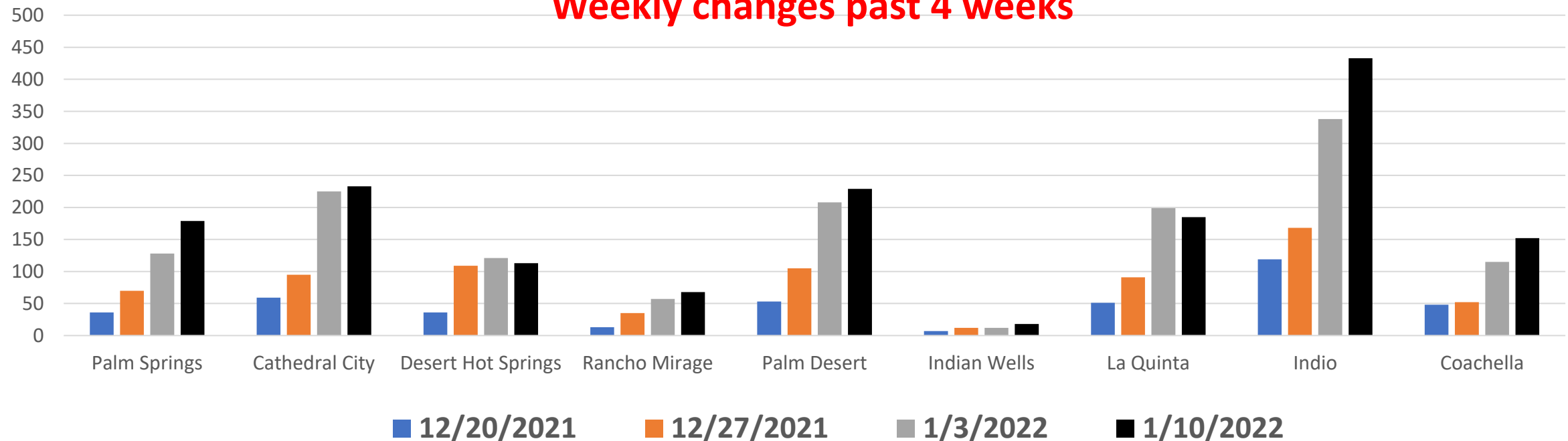


Coachella Valley COVID-19 Cases

As of 1/10/2022

	Palm Springs	Cathedral City	Desert Hot Springs	Rancho Mirage	Palm Desert	Indian Wells	La Quinta	Indio	Coachella
Total cases / deaths	5,375 / 139	9,211 / 135	5,682 / 86	1,645 / 55	5,883 / 139	317 / 8	5,111 / 72	16,058/251	9,160 / 111
1/4 to 1/10	179 / 0	233 / 0	113 / 0	68 / 0	229 / 3	18 / 0	185 / 0	433 / 2	152 / 1

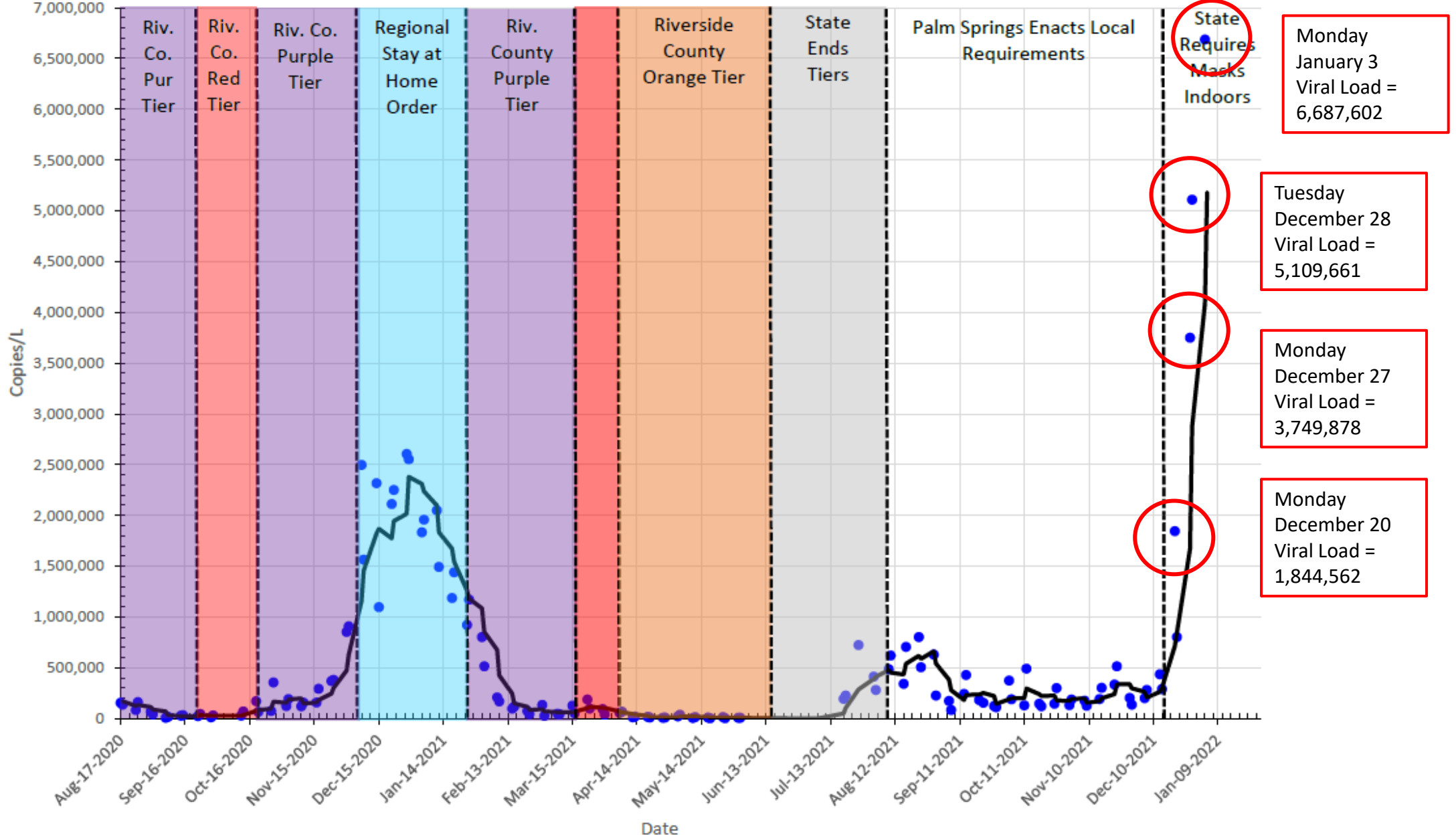
Weekly changes past 4 weeks



City of Palm Springs Wastewater Treatment Plant

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

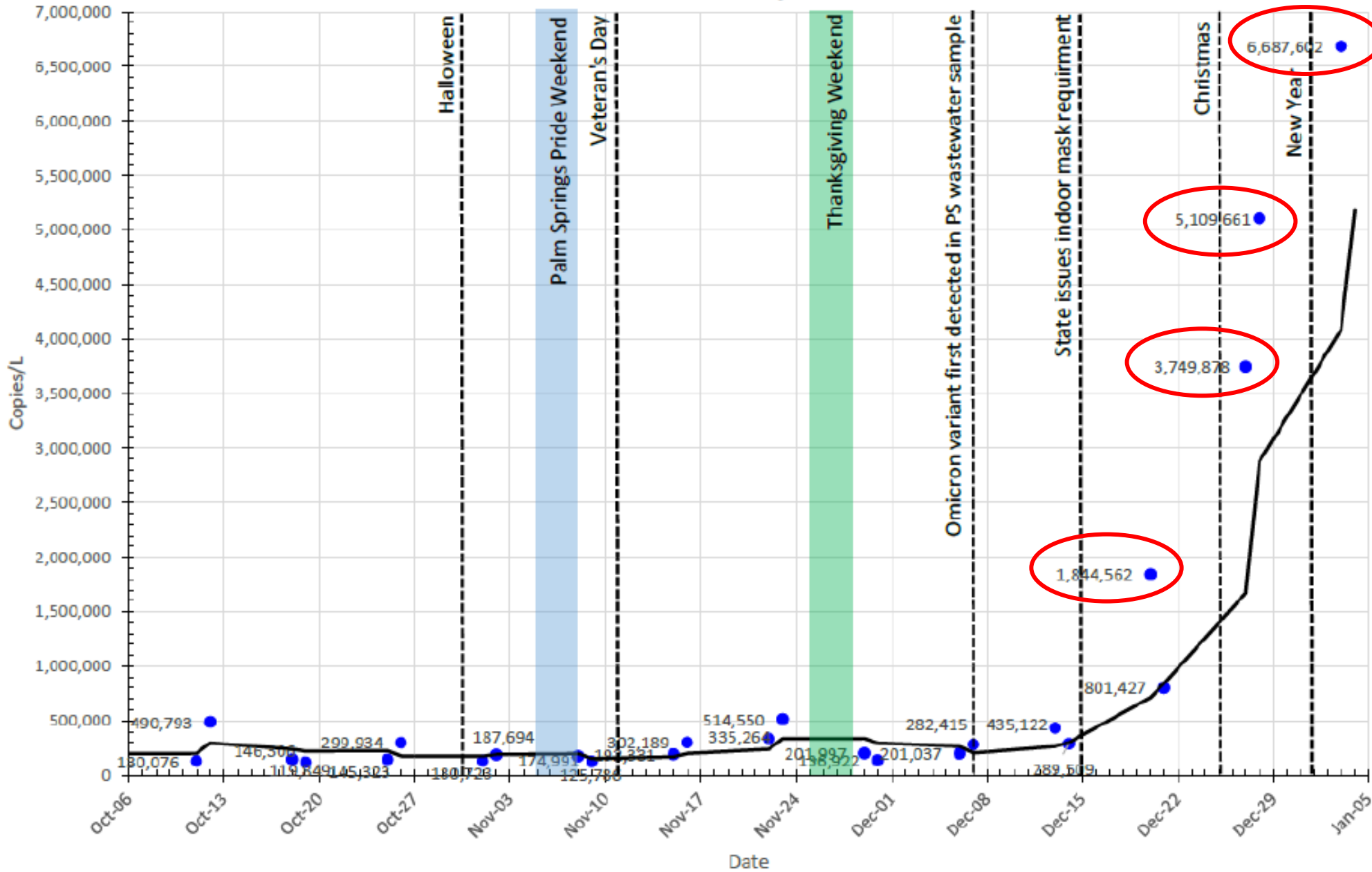
Data Compared to California Reopening Tiers for Riverside County



City of Palm Springs Wastewater Treatment Plant

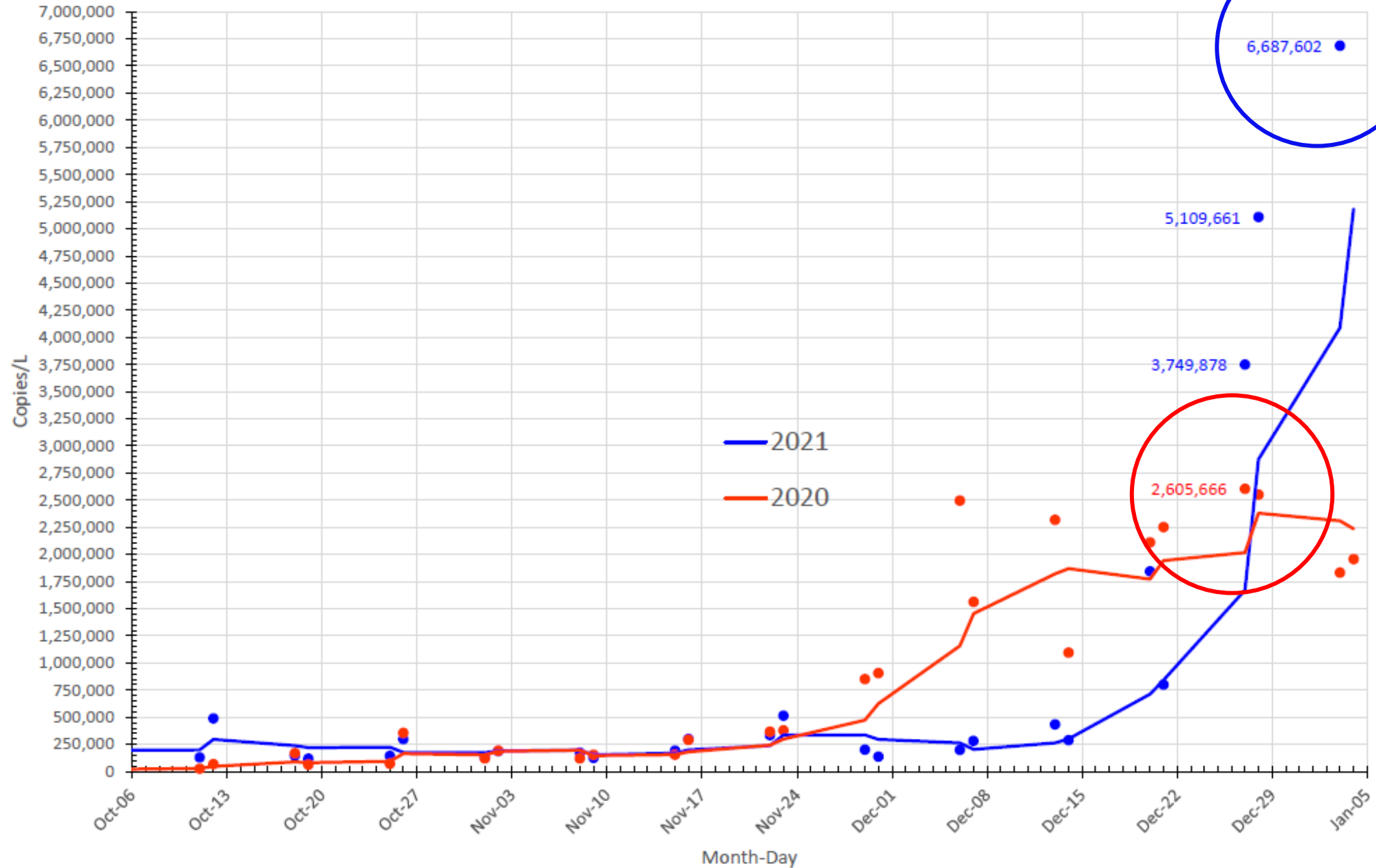
SARS-CoV-2 Concentration - Number of Viral Copies per Liter of Wastewater

Last 90 Days



DATE	VIRAL LOAD
11/22/2021	335,264
11/23/2021	514,550
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	TBD

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

Account No: 33

GTID: 18029

Internal Location ID:

Customer Provided Information:

Location Identifier: Palm Springs WWTP
 Sample Collection Date: 1/3/2022 9:00:00 AM to 1/4/2022 9:00:00 AM
 Sampling Method: Flow-proportional 24-hr composite
 Average influent flow over sample period (MGD): 4.743

SARS-CoV-2 in Sample

DETECTED

Viral Copies per Liter of Wastewater (recovery adjusted) 6,687,602 copies/L

Estimated COVID-19 Disease Prevalence*

25,370 cases**

57.66 % prevalence rate**

Cases Estimation Range = 13,330 to 59,131 cases

Prevalence Rate Estimation Range = 30.30 to 134.39 %

*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
11/22/2021	4,122
11/23/2021	1,063
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	TBD