

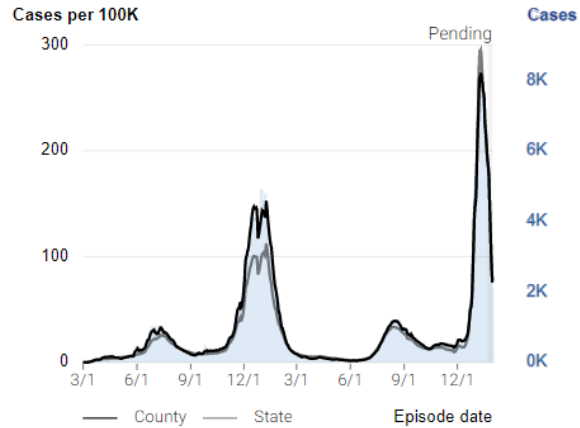
Confirmed cases in Riverside County

Episode date All time

557,088 total confirmed cases

8,967 new cases (1.6% increase)

184.6 cases per 100K (7-day average)



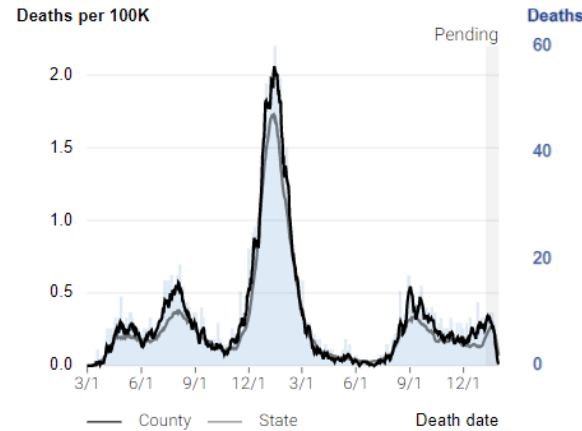
Confirmed deaths in Riverside County

Death date All time

5,767 total confirmed deaths

41 new deaths (0.7% increase)

0.3 deaths per 100K (7-day average)

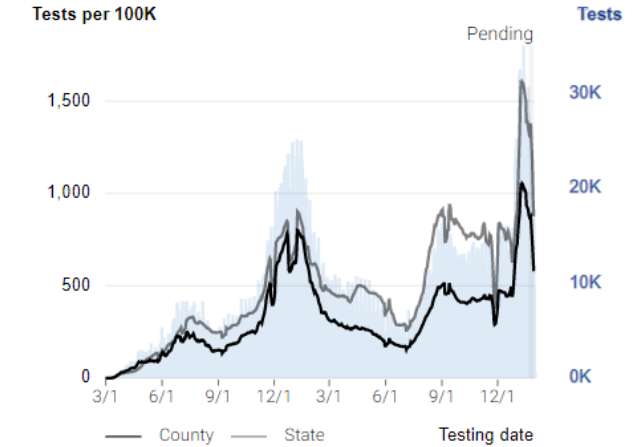


Total tests in Riverside County

Testing date All time

5,628,846 total tests performed

69,539 new tests reported (1.3% increase)

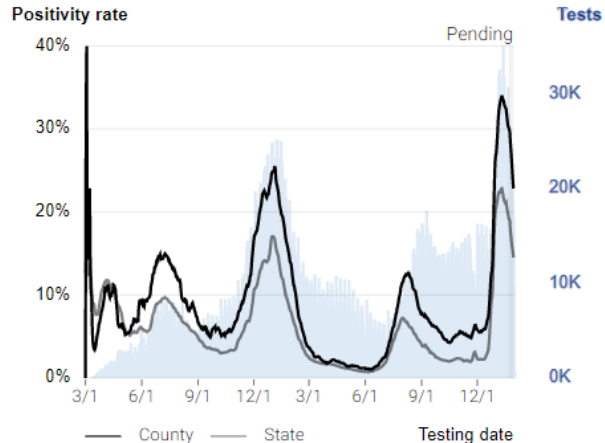


Positivity rate in Riverside County

All time

22.8% test positivity (7-day rate)

7.2% decrease from 7-days prior

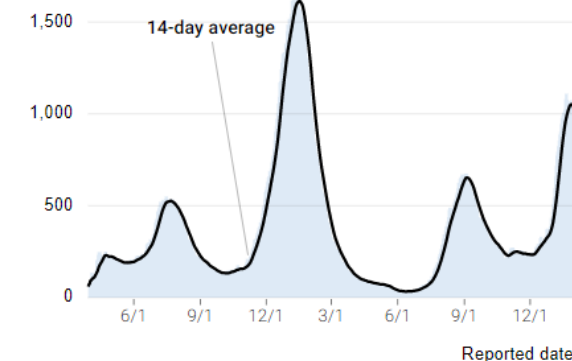


COVID-19 hospitalized patients in Riverside County

Hospitalized All time

911 COVID-19 hospitalized patients

41 fewer patients hospitalized from prior day total (4.3% decrease)

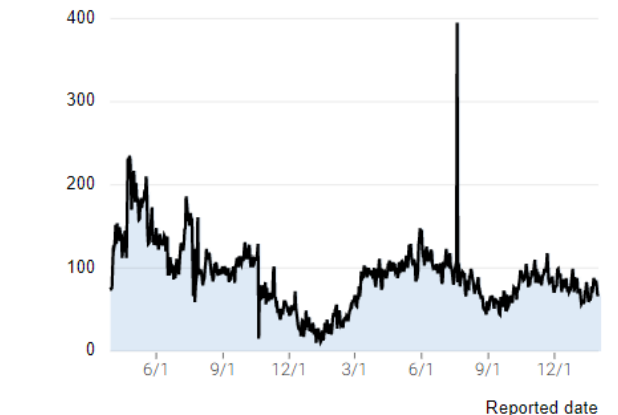


ICU beds in Riverside County

All time

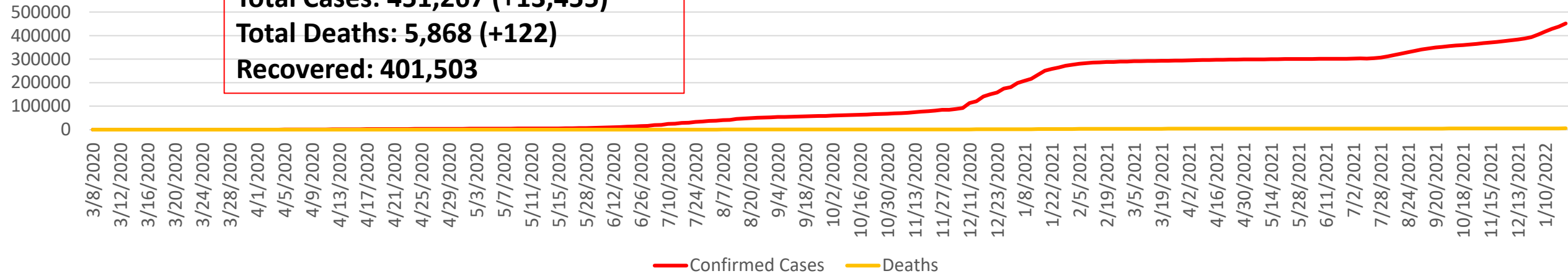
66 ICU beds available

3 fewer ICU beds available from prior day total (4.3% decrease)

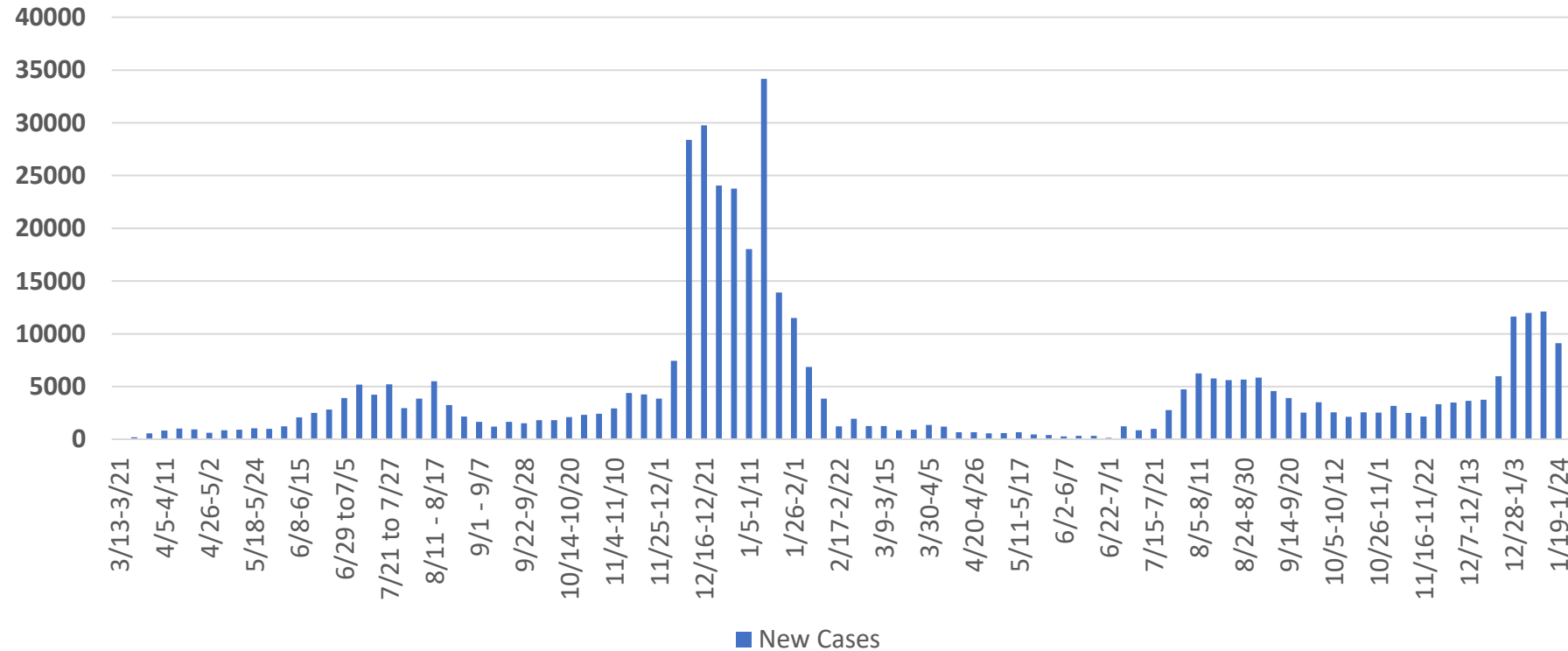


Riverside County

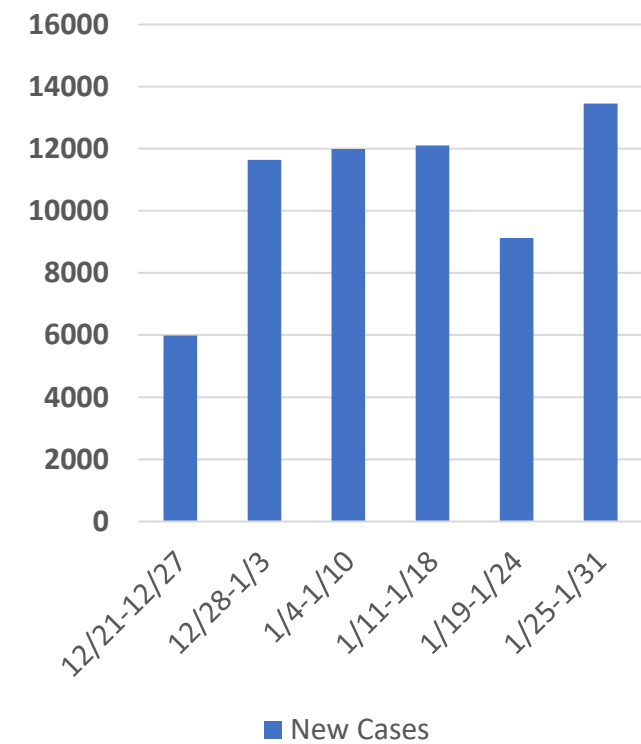
Total Cases: 451,267 (+13,455)
Total Deaths: 5,868 (+122)
Recovered: 401,503



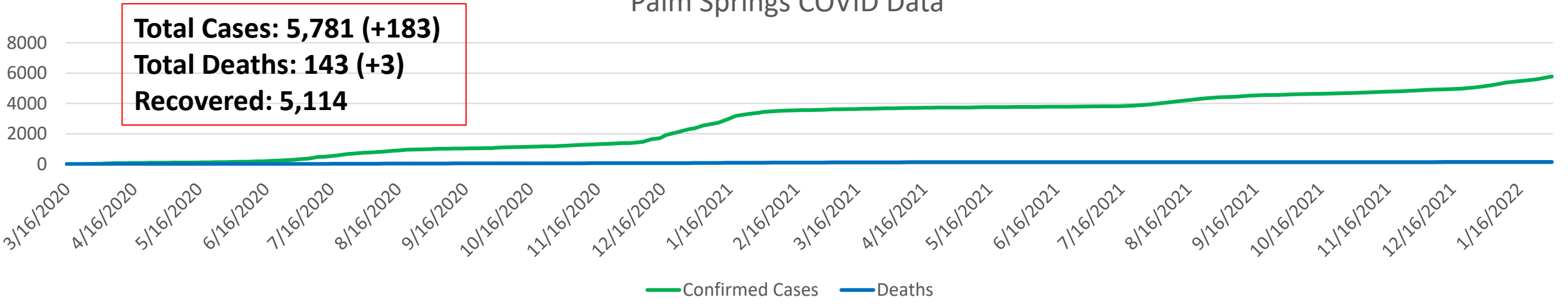
Riverside County Weekly COVID Cases



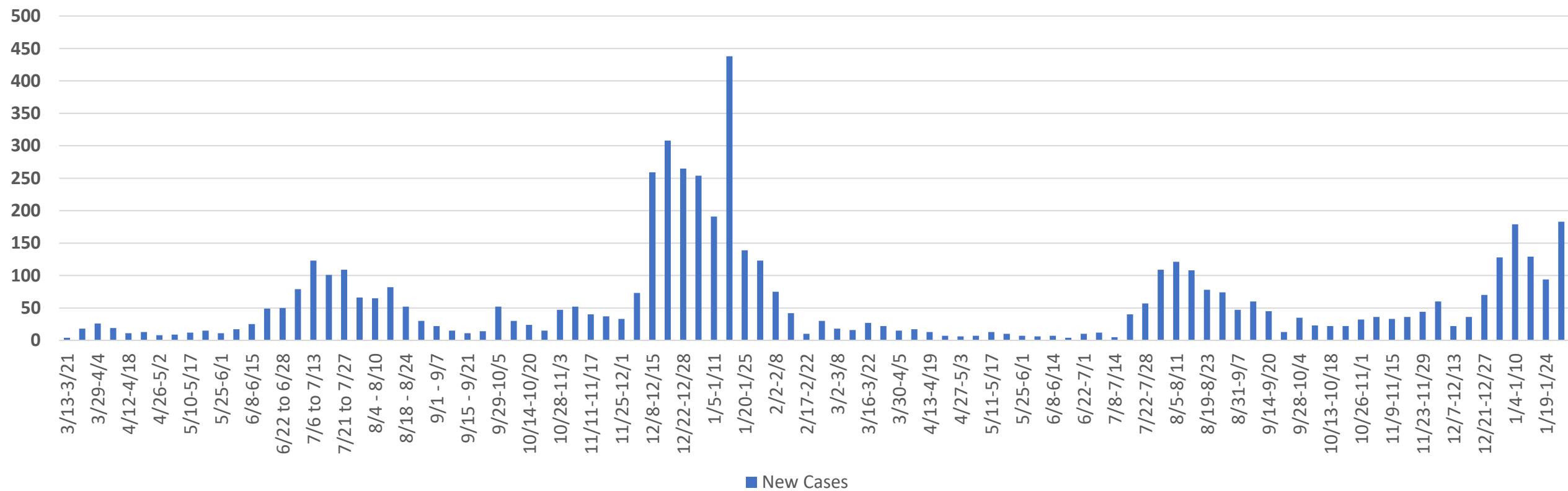
Riverside County Past 6 weeks



Palm Springs COVID Data



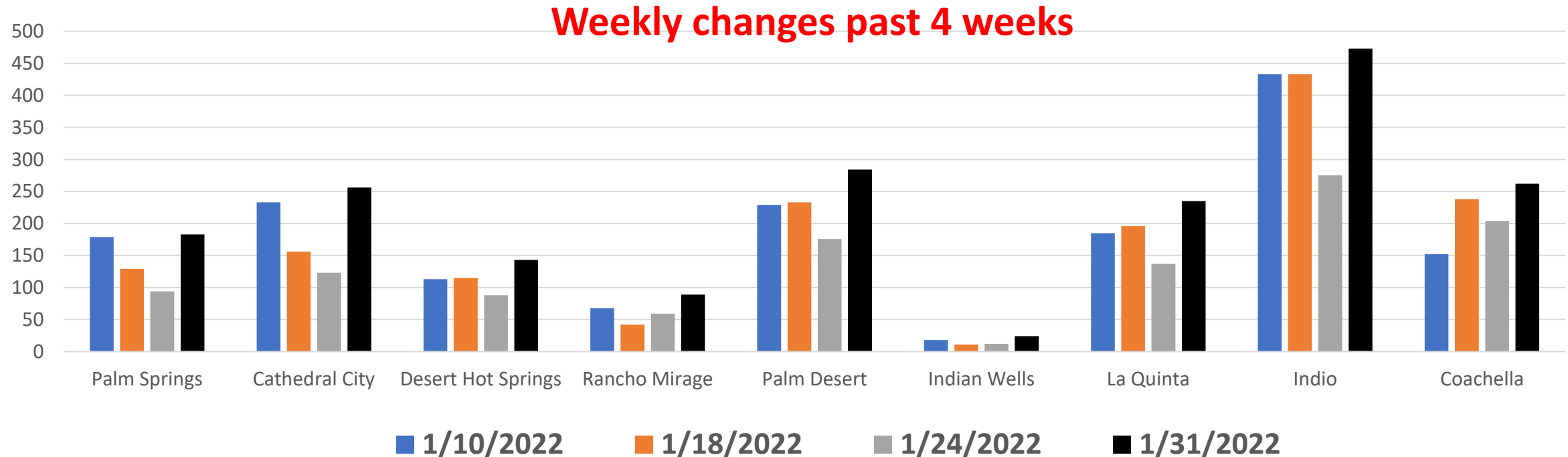
Palm Springs Weekly COVID Cases



Coachella Valley COVID-19 Cases

As of 1/31/2022

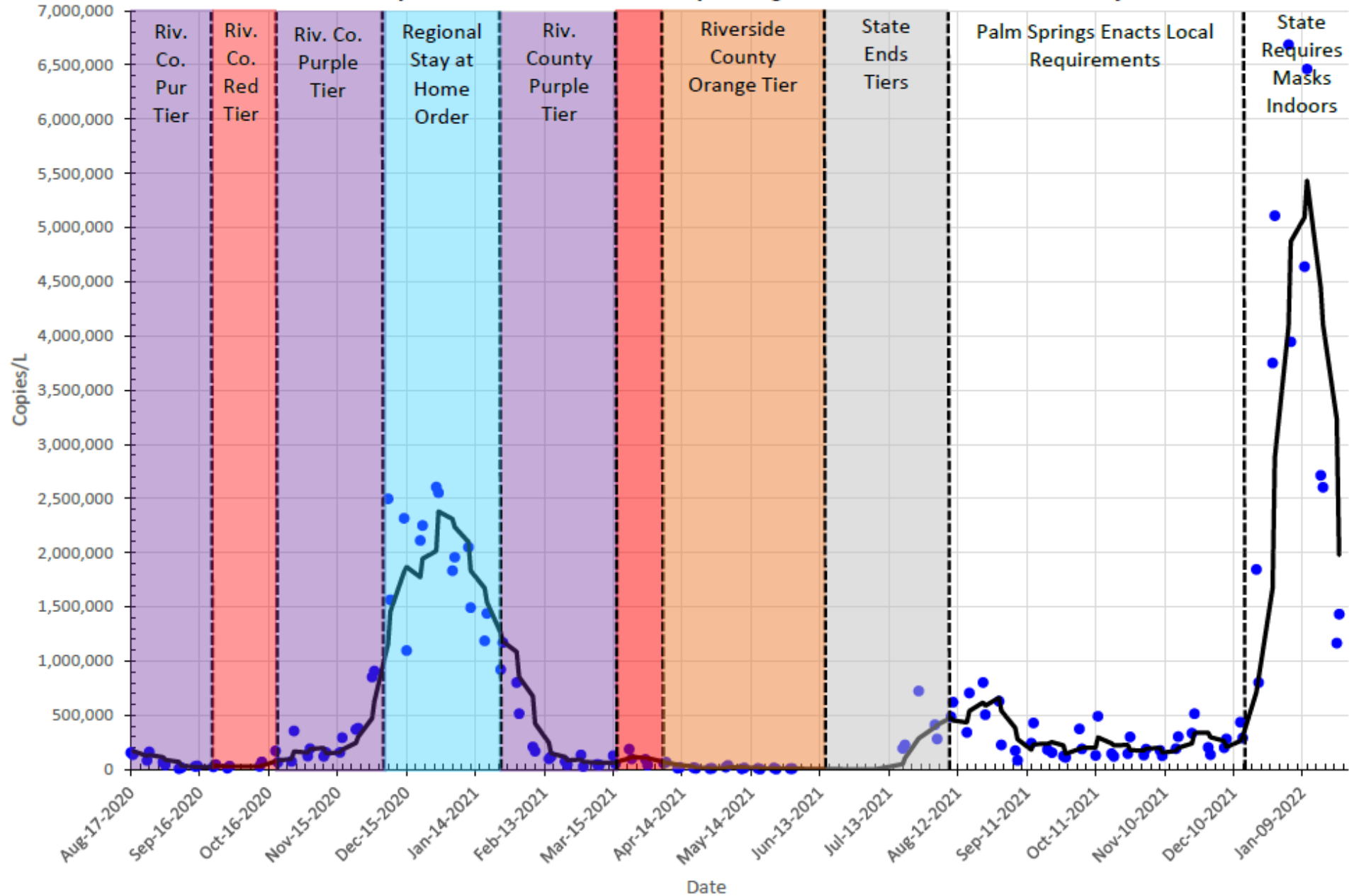
	Palm Springs	Cathedral City	Desert Hot Springs	Rancho Mirage	Palm Desert	Indian Wells	La Quinta	Indio	Coachella
Total cases / deaths	5,781 / 143	9,746 / 140	6,028 / 90	1,835 / 56	6,566 / 141	364 / 8	5,679 / 76	17,239/261	9,864 / 112
1/25 to 1/31	183 / 3	256 / 4	143 / 1	89 / 1	284 / 1	24 / 0	235 / 3	473 / 7	262 / 0



City of Palm Springs Wastewater Treatment Plant

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

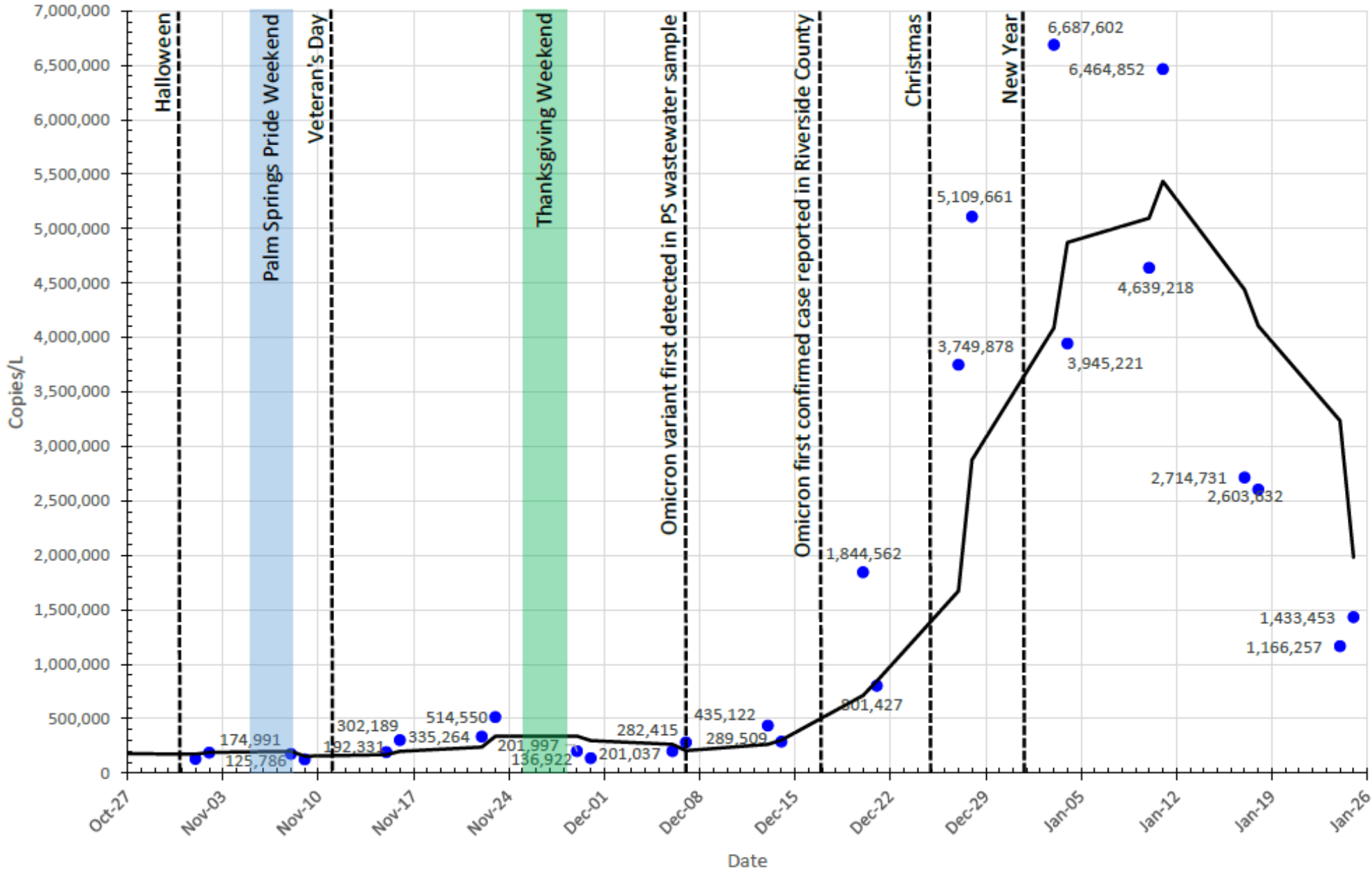
Data Compared to California Reopening Tiers for Riverside County



City of Palm Springs Wastewater Treatment Plant

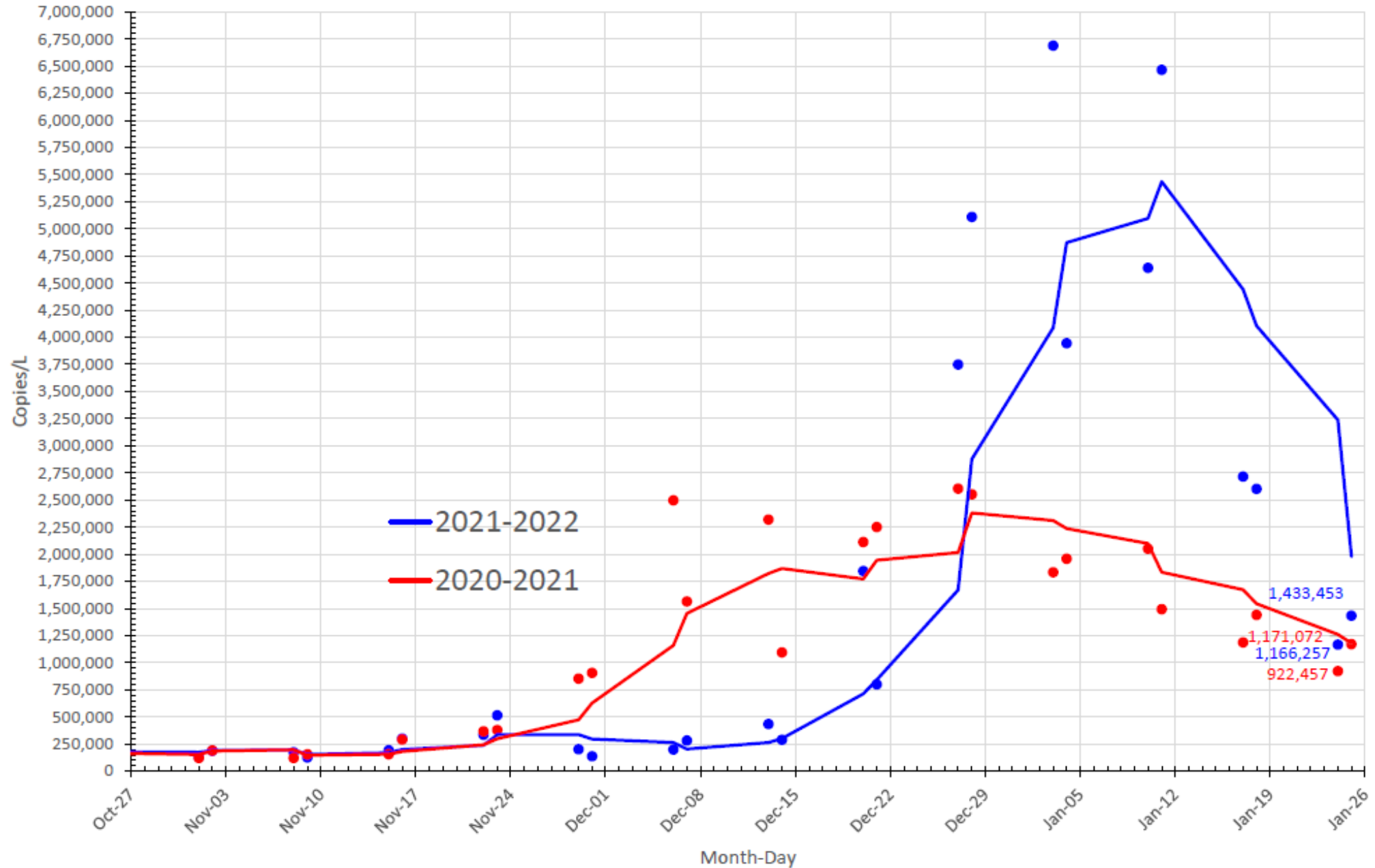
SARS-CoV-2 Concentration - Number of Viral Copies per Liter of Wastewater

Last 90 Days



DATE	VIRAL LOAD
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
1/17/2022	2,714,731
1/18/2022	2,603,632
1/24/2022	1,166,257
1/25/2022	1,433,453

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: 18642

Account No: 33
Internal Location ID:

Customer Provided Information:

Location Identifier: Palm Springs WWTP
Sample Collection Date: 1/25/2022 9:00:00 AM to 1/26/2022 9:00:00 AM
Sampling Method: Flow-proportional 24-hr composite
Average influent flow over sample period (MGD): 4.548

SARS-CoV-2 in Sample

DETECTED

Viral Copies per Liter of Wastewater (recovery adjusted) **1,433,453** copies/L

Estimated COVID-19 Disease Prevalence*

6,312 cases**

14.35 % prevalence rate**

Cases Estimation Range = 3,317 to 14,711 cases

Prevalence Rate Estimation Range = 7.54 to 33.43 %

*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 composite 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
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
1/17/2022	19,543
1/18/2022	6,742
1/24/2022	11,257
1/25/2022	6,312