

Confirmed cases in Riverside County

Episode date

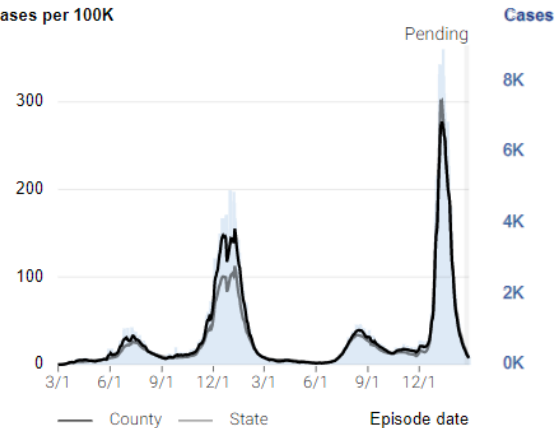
All time

585,833 total confirmed cases

998 new cases (0.2% increase)

16.8 cases per 100K (7-day average)

Cases per 100K



Confirmed deaths in Riverside County

Death date

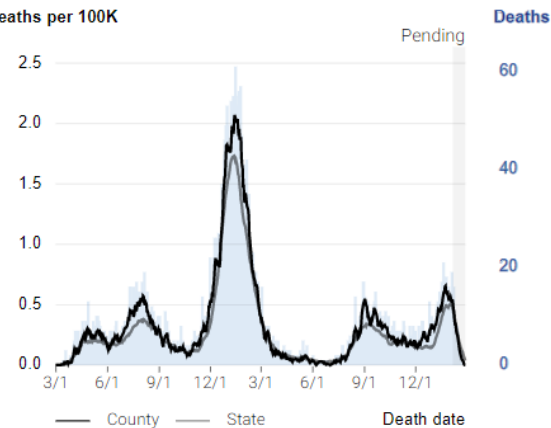
All time

6,179 total confirmed deaths

36 new deaths (0.6% increase)

0.5 deaths per 100K (7-day average)

Deaths per 100K



Total tests in Riverside County

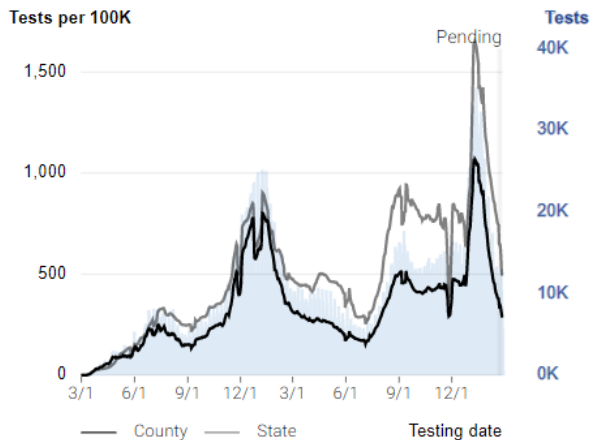
Testing date

All time

5,964,110 total tests performed

30,727 new tests reported (0.5% increase)

Tests per 100K



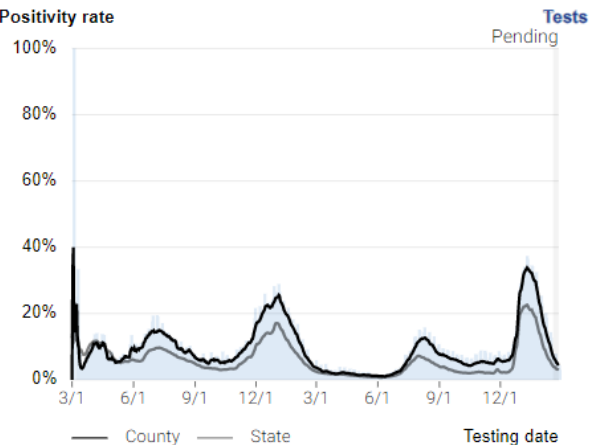
Positivity rate in Riverside County

All time

4.4% test positivity (7-day rate)

2.2% decrease from 7-days prior

Positivity rate



COVID-19 hospitalized patients in Riverside County

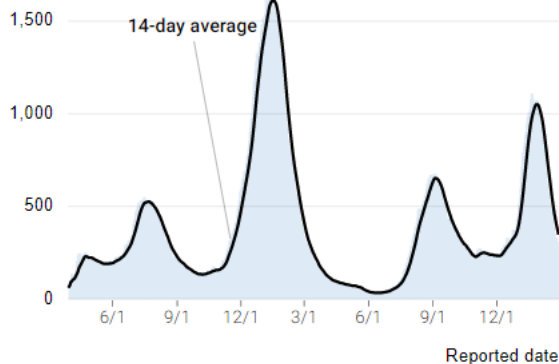
Hospitalized

All time

243 COVID-19 hospitalized patients

15 fewer patients hospitalized from prior day total (5.8% decrease)

14-day average



ICU beds in Riverside County

All time

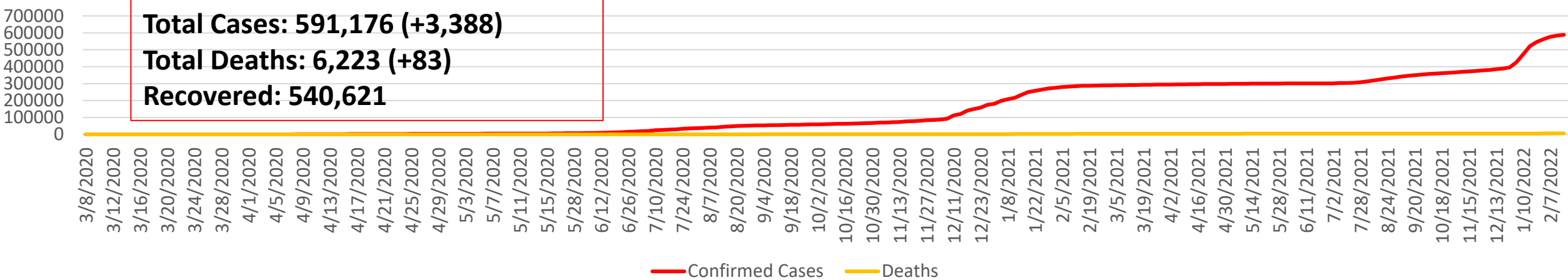
101 ICU beds available

5 more ICU beds available from prior day total (5.2% increase)

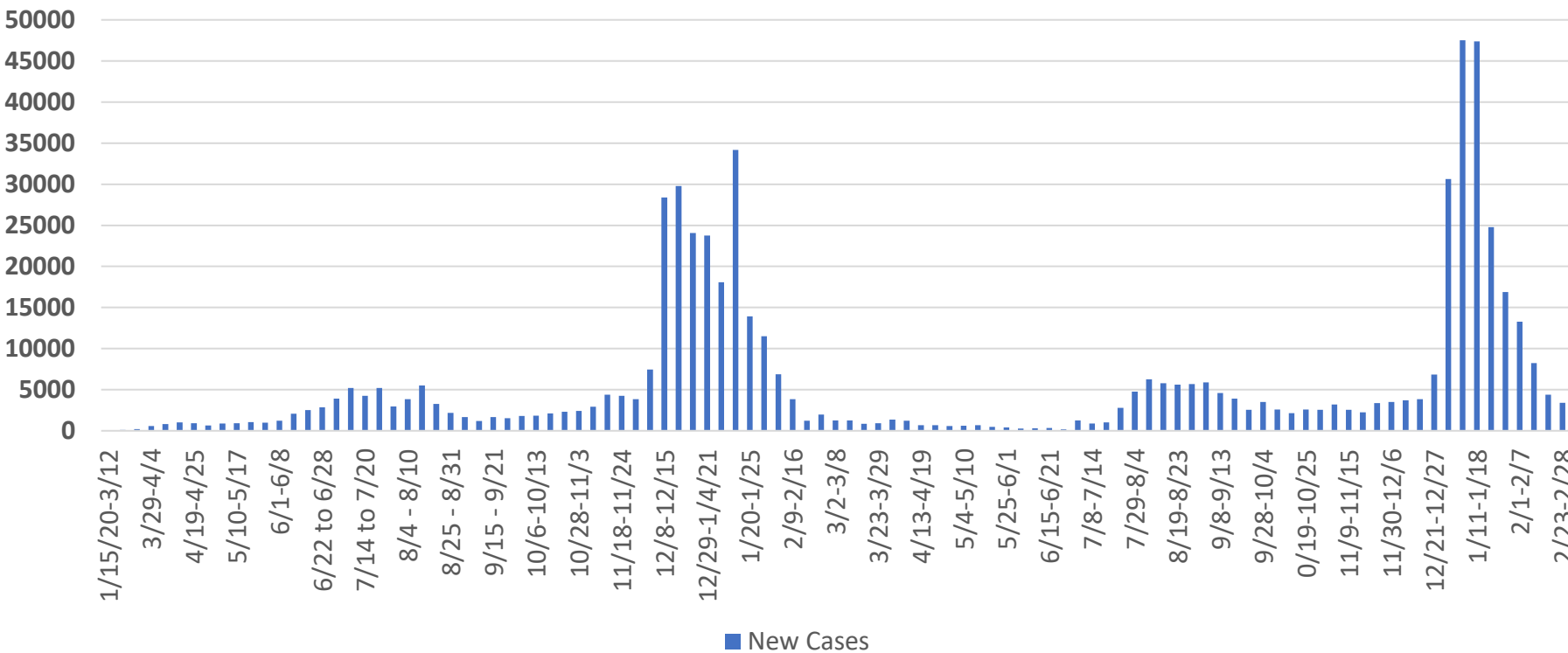


Riverside County

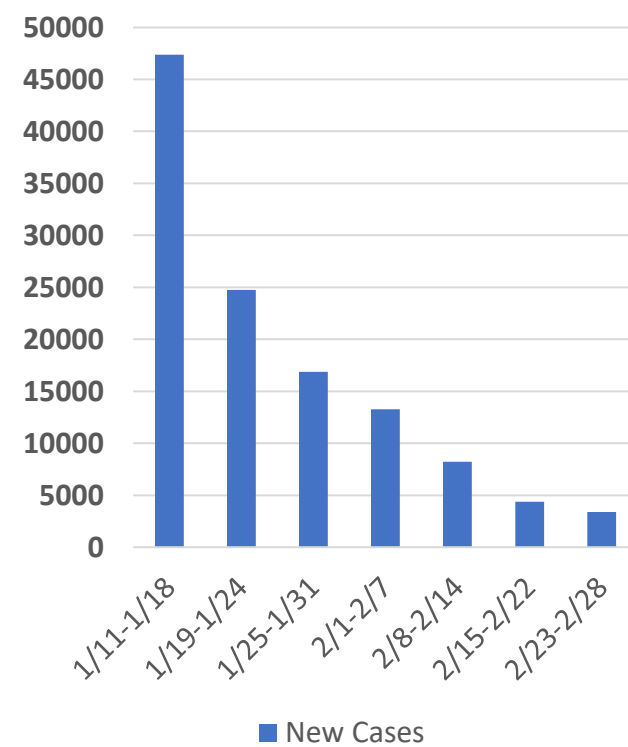
Total Cases: 591,176 (+3,388)
Total Deaths: 6,223 (+83)
Recovered: 540,621



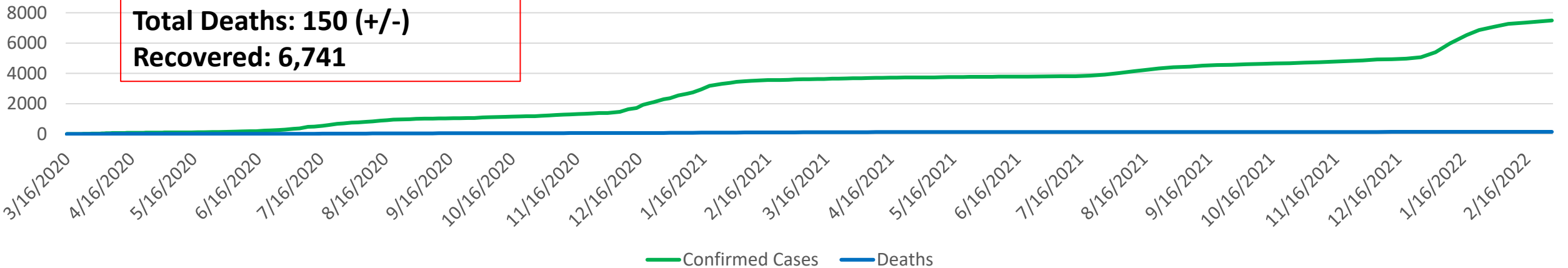
Riverside County Weekly COVID Cases



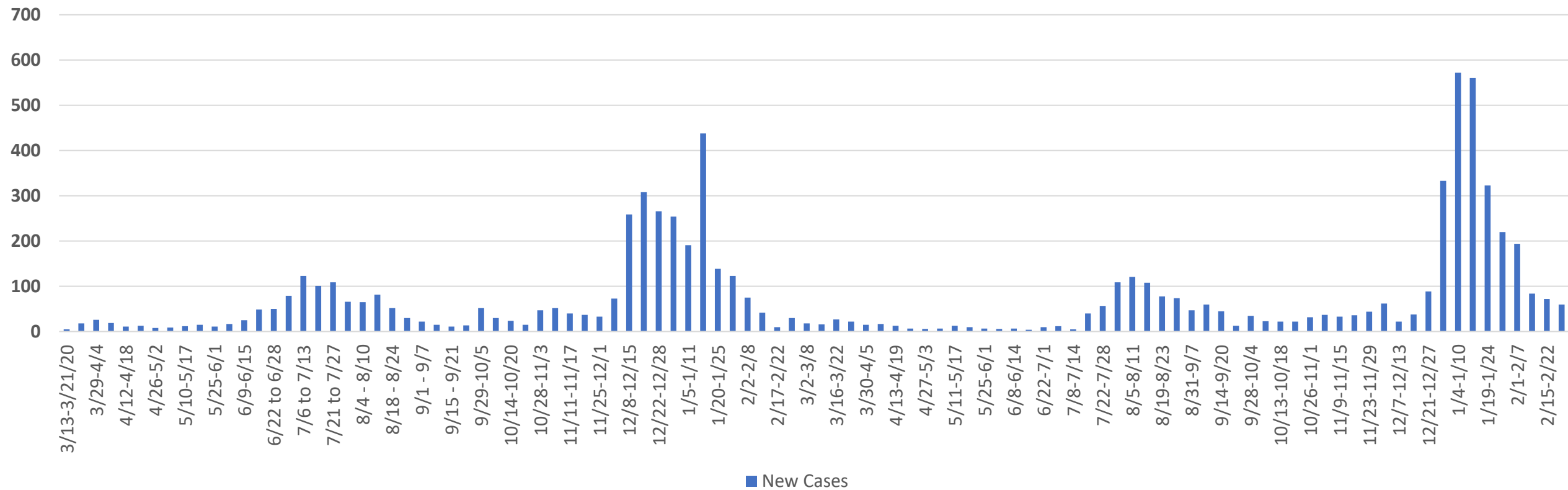
Riverside County Past 6 weeks



Palm Springs COVID Data



Palm Springs Weekly COVID Cases

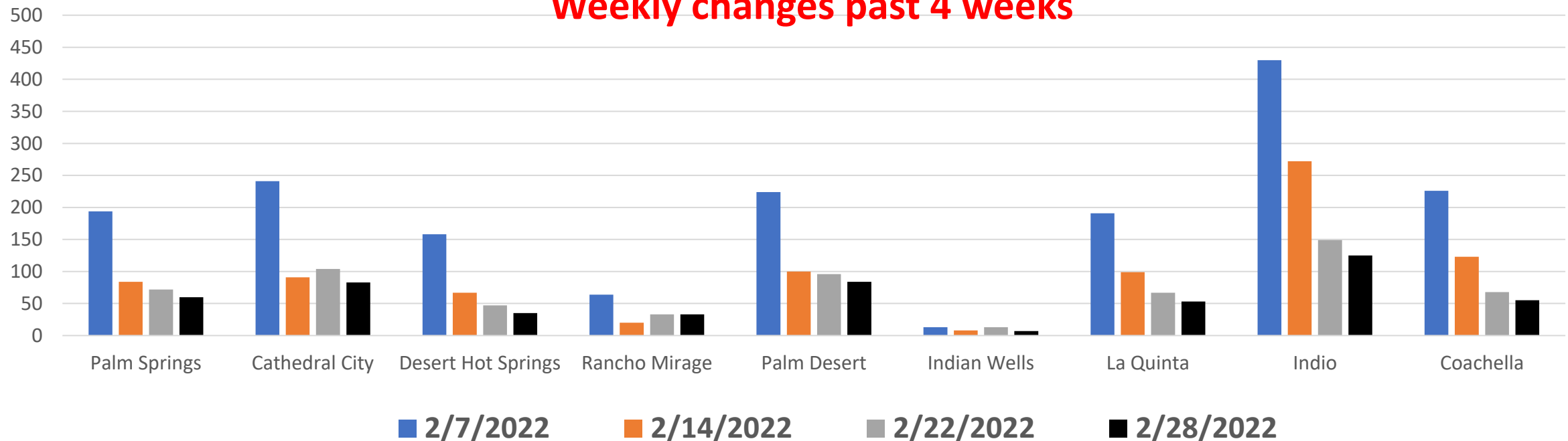


Coachella Valley COVID-19 Cases

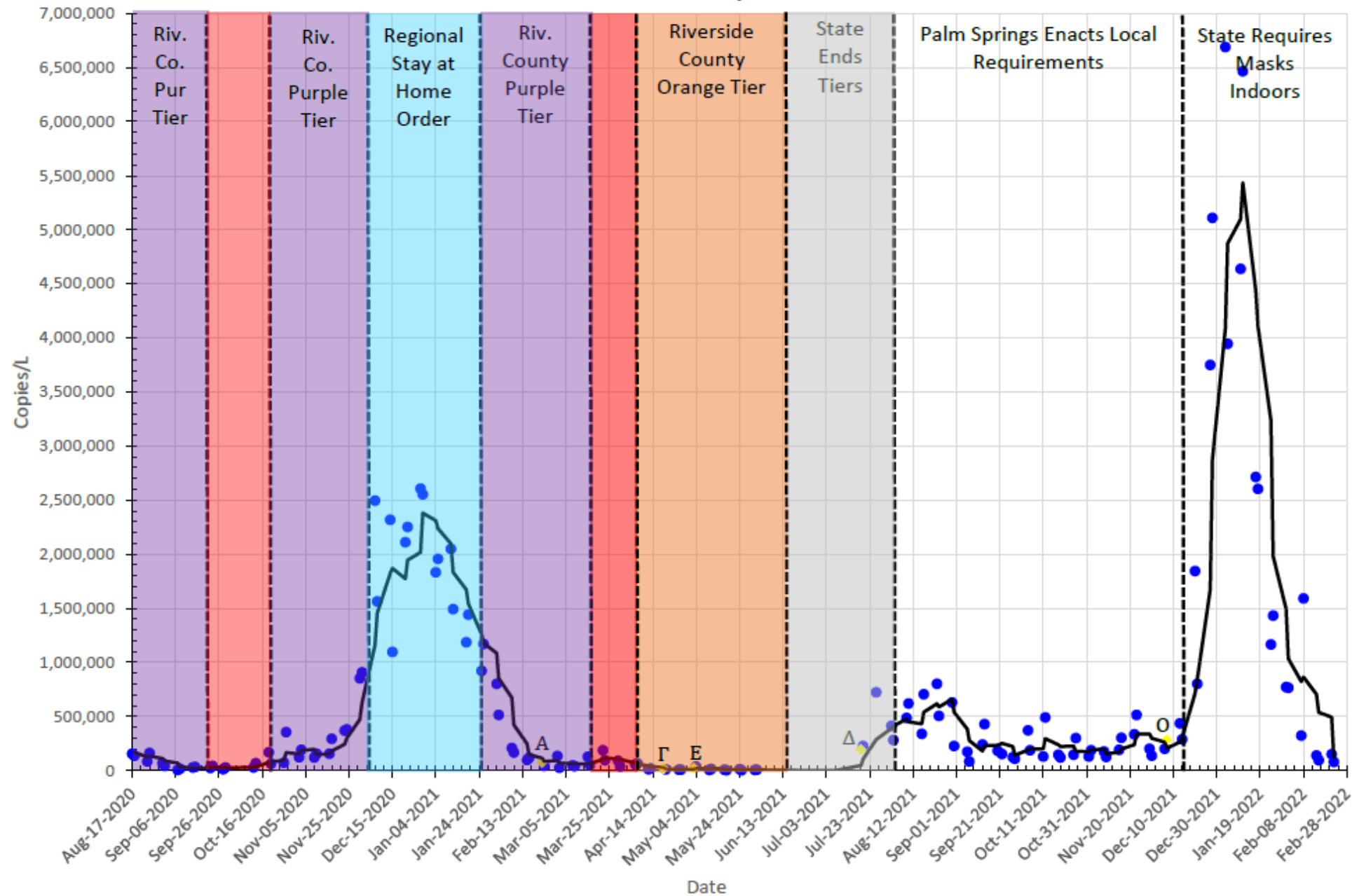
As of 2/28/2022

	Palm Springs	Cathedral City	Desert Hot Springs	Rancho Mirage	Palm Desert	Indian Wells	La Quinta	Indio	Coachella
Total cases / deaths	7,492 / 150	12,103/147	7,664 / 97	2,424 / 56	8,887 / 145	535 / 8	7,626 / 81	21,981/272	12,703/117
2/23 to 2/28	60 / 0	83 / 0	35 / 2	33 / 0	84 / 1	7 / 0	53 / 0	125 / 4	55 / 0

Weekly changes past 4 weeks



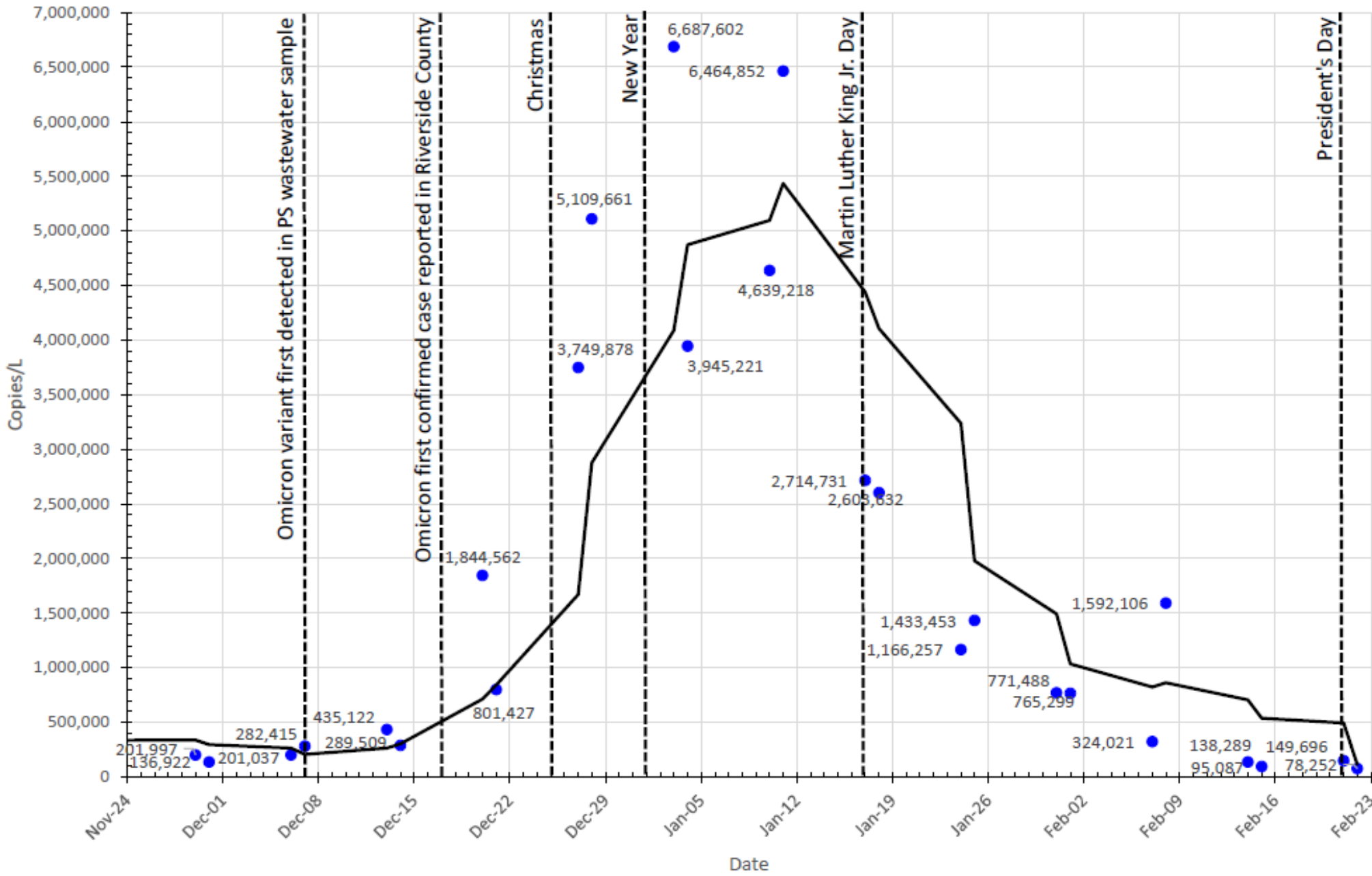
City of Palm Springs Wastewater Treatment Plant SARS-CoV-2 Concentration Data Compared to California Reopening Tiers for Riverside County, State Requirements and Local Requirements



City of Palm Springs Wastewater Treatment Plant

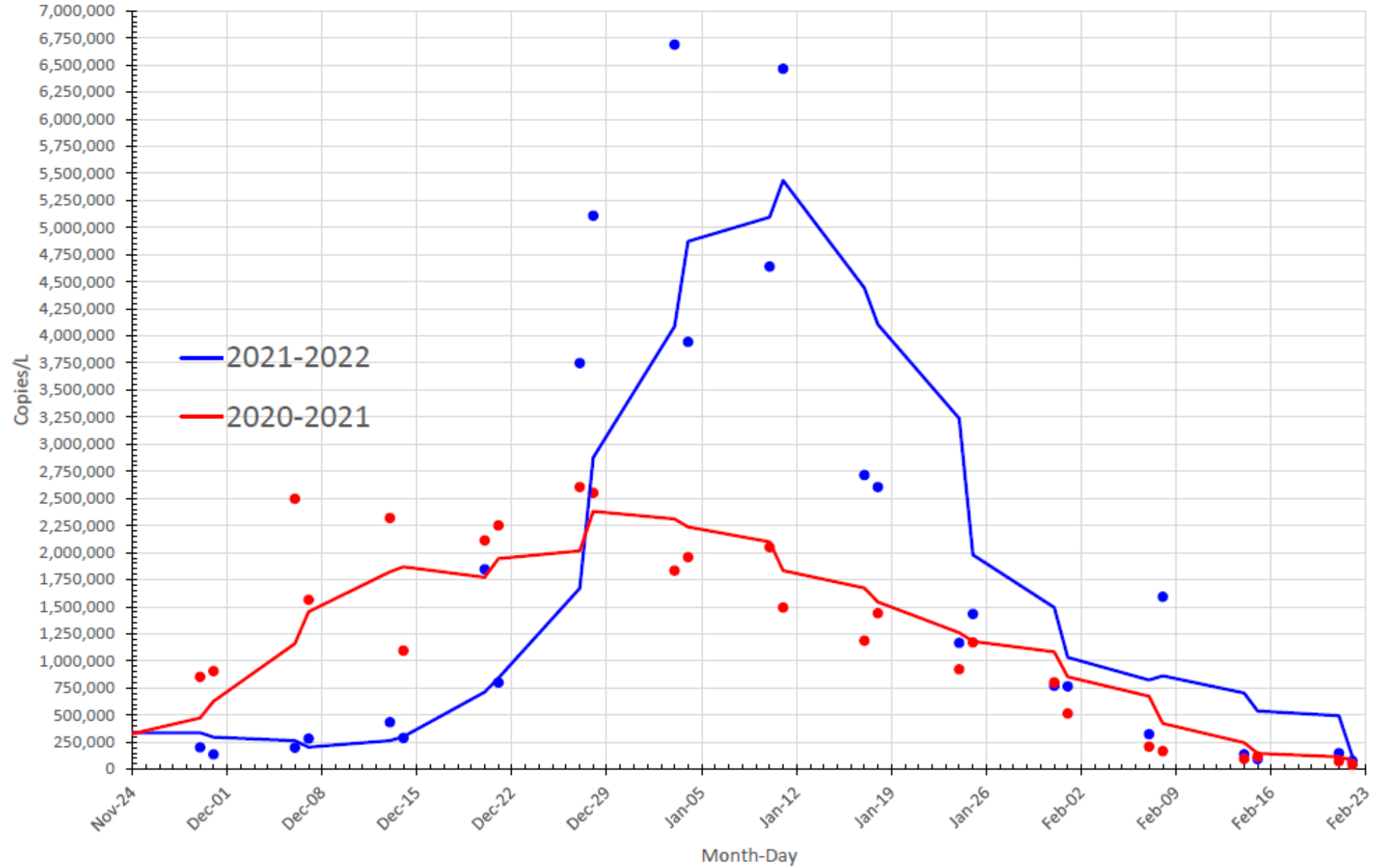
SARS-CoV-2 Concentration - Number of Viral Copies per Liter of Wastewater

Last 90 Days



DATE	VIRAL LOAD
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
1/31/2022	771,488
2/1/2022	765,299
2/7/2022	324,0221
2/8/2022	1,592,106
2/14/2022	138,289
2/15/2022	95,087
2/21/2022	149,696
2/22/2022	78,252

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 2020-2021



Sample Data Report
COVID-19 testing in wastewater 2.0

Report Generated: 2/25/2022

Account Name: Veolia - City of Palm Springs
GTID: 18635

Account No: 33
Internal Location ID:

Customer Provided Information:

Location Identifier: Palm Springs WWTP
Sample Collection Date: 2/21/2022 9:00:00 AM to 2/22/2022 9:00:00 AM
Sampling Method: Flow-proportional 24-hr composite
Average influent flow over sample period (MGD): 5.310

SARS-CoV-2 in Sample

DETECTED

Viral Copies per Liter of Wastewater (recovery adjusted) 149,696 copies/L

Estimated COVID-19 Disease Prevalence*

1,084 cases**

2.46 % prevalence rate**

Cases Estimation Range = 570 to 2,526 cases

Prevalence Rate Estimation Range = 1.29 to 5.74 %

*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.

Sample Data Report
COVID-19 testing in wastewater 2.0

Report Generated: 2/25/2022

Account Name: Veolia - City of Palm Springs
GTID: 18608

Account No: 33
Internal Location ID:

Customer Provided Information:

Location Identifier: Palm Springs WWTP
Sample Collection Date: 2/22/2022 9:00:00 AM to 2/23/2022 9:00:00 AM
Sampling Method: Flow-proportional 24-hr composite
Average influent flow over sample period (MGD): 5.112

SARS-CoV-2 in Sample

DETECTED

Viral Copies per Liter of Wastewater (recovery adjusted) 78,252 copies/L

Estimated COVID-19 Disease Prevalence*

772 cases**

1.76 % prevalence rate**

Cases Estimation Range = 406 to 1,800 cases

Prevalence Rate Estimation Range = 0.92 to 4.09 %

*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
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
1/31/2022	5,230
2/1/2022	1,623
2/7/2022	1,347
2/8/2022	9,229
2/14/2022	1,051
2/15/2022	552
2/21/2022	1,084
2/22/2022	772