

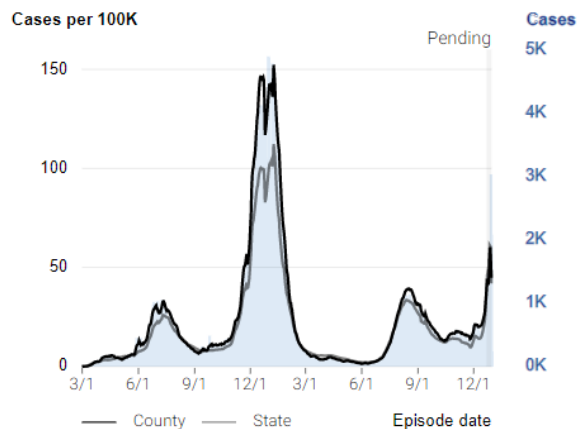
### Confirmed cases in Riverside County

Episode date All time

**397,124 total confirmed cases**

4,135 new cases (1.1% increase)

43.4 cases per 100K (7-day average)



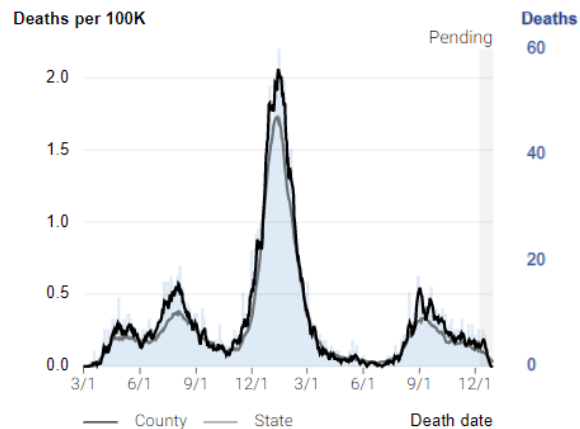
### Confirmed deaths in Riverside County

Death date All time

**5,501 total confirmed deaths**

15 new deaths (0.3% increase)

0.1 deaths per 100K (7-day average)

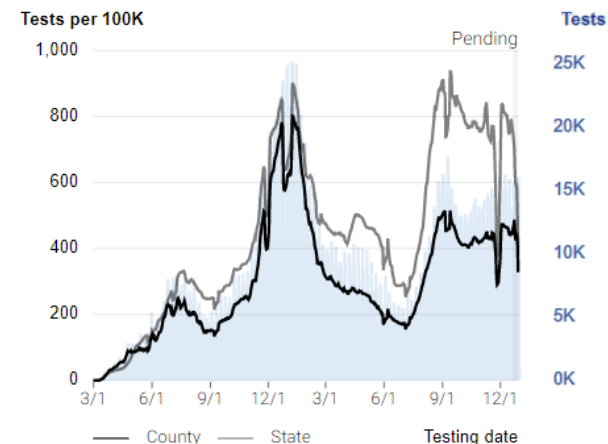


### Total tests in Riverside County

Testing date All time

**4,929,553 total tests performed**

19,534 new tests reported (0.4% increase)

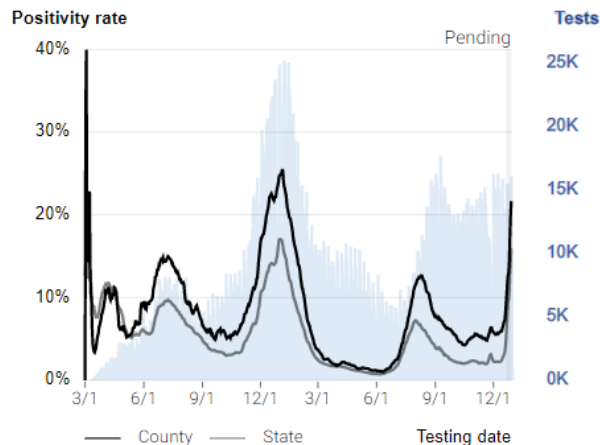


### Positivity rate in Riverside County

All time

**21.6% test positivity (7-day rate)**

11.1% increase from 7-days prior

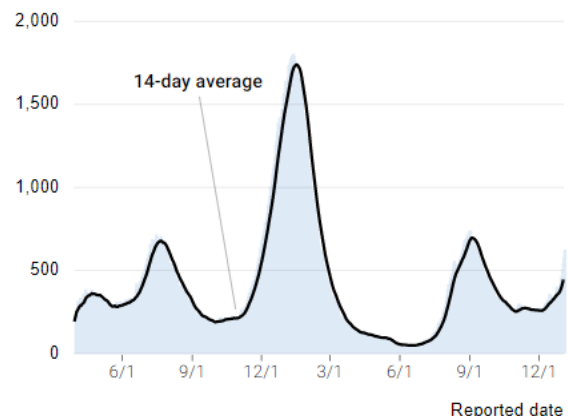


### COVID-19 hospitalized patients in Riverside County

Hospitalized All time

**625 COVID-19 hospitalized patients**

47 more patients hospitalized from prior day total (8.1% increase)

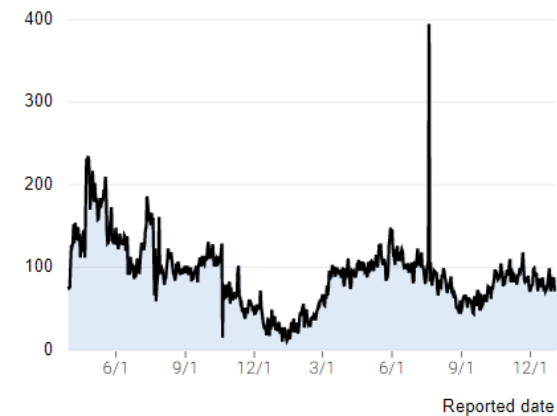


### ICU beds in Riverside County

All time

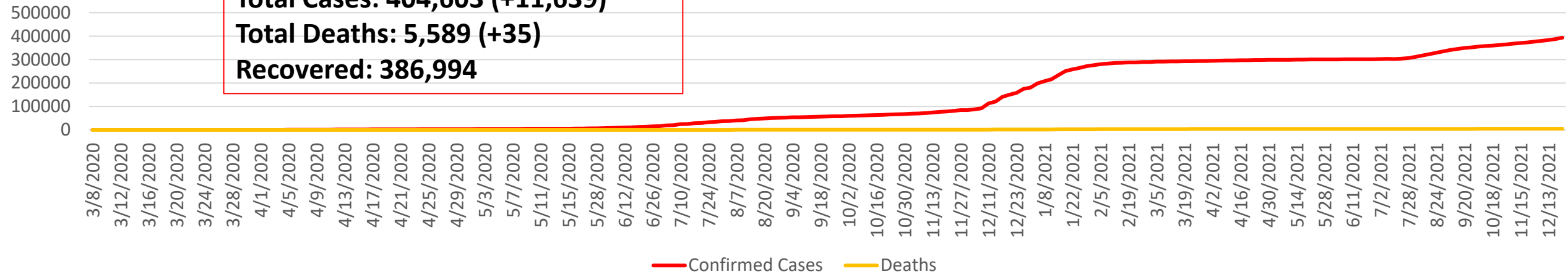
**71 ICU beds available**

17 fewer ICU beds available from prior day total (19.3% decrease)

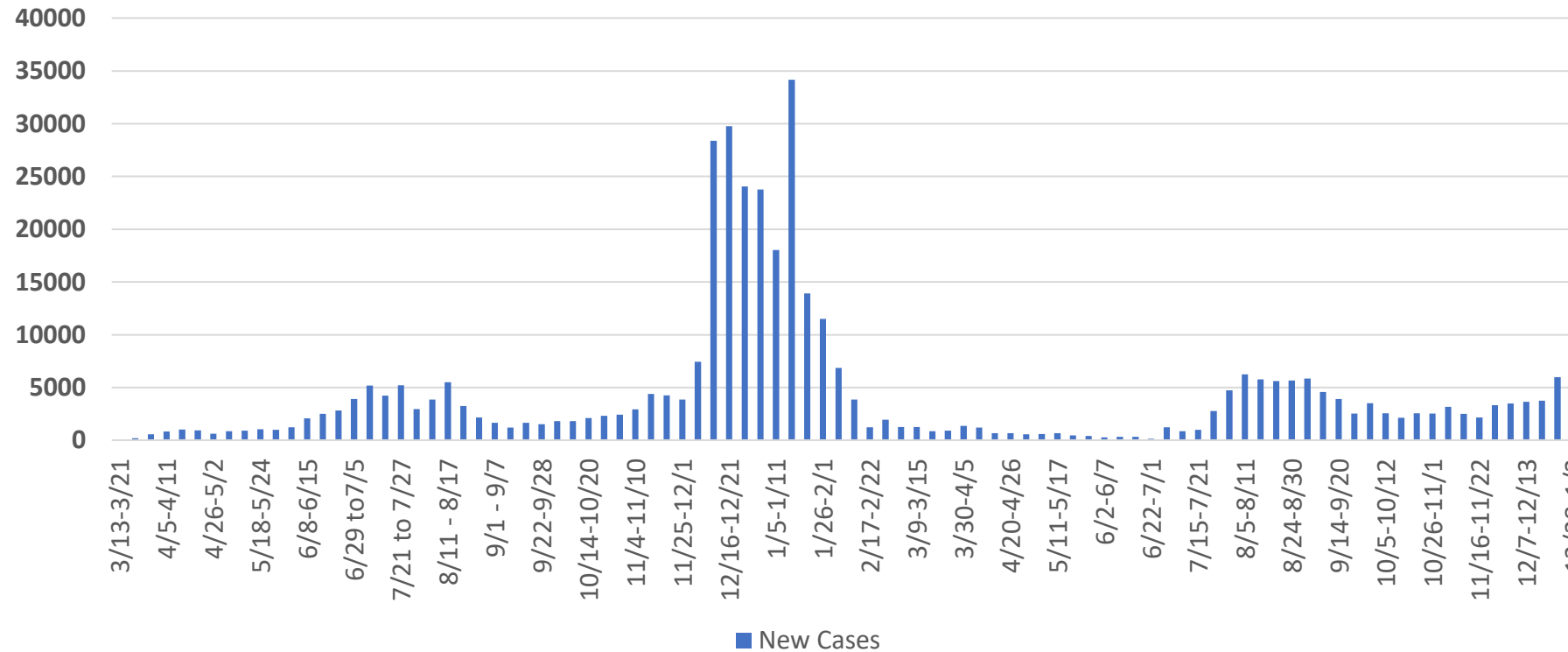


# Riverside County

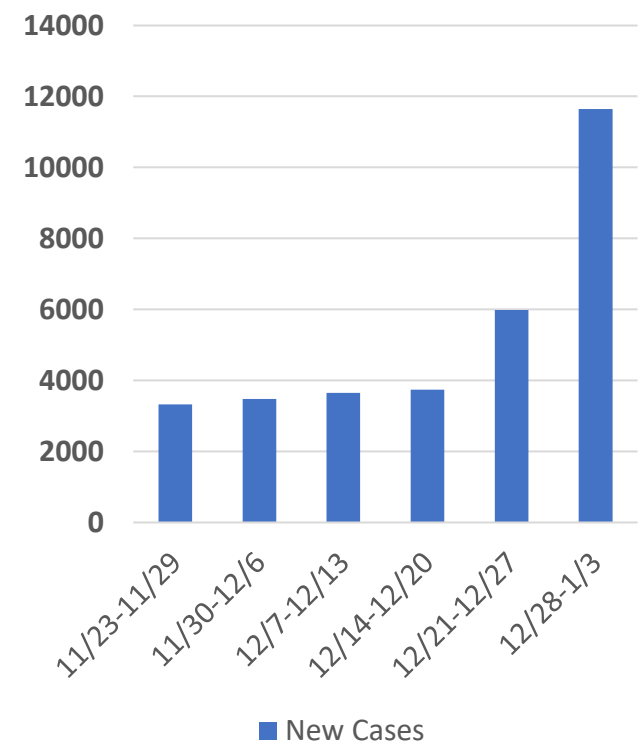
**Total Cases: 404,603 (+11,639)**  
**Total Deaths: 5,589 (+35)**  
**Recovered: 386,994**



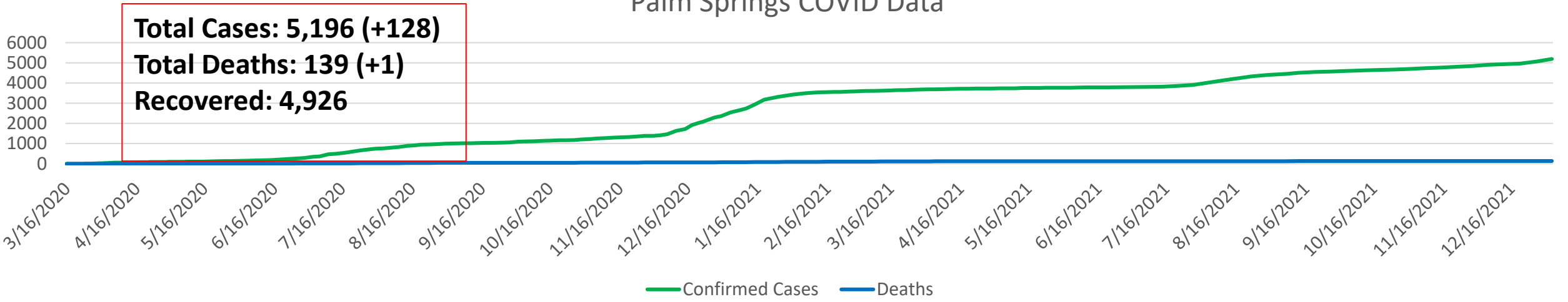
## Riverside County Weekly COVID Cases



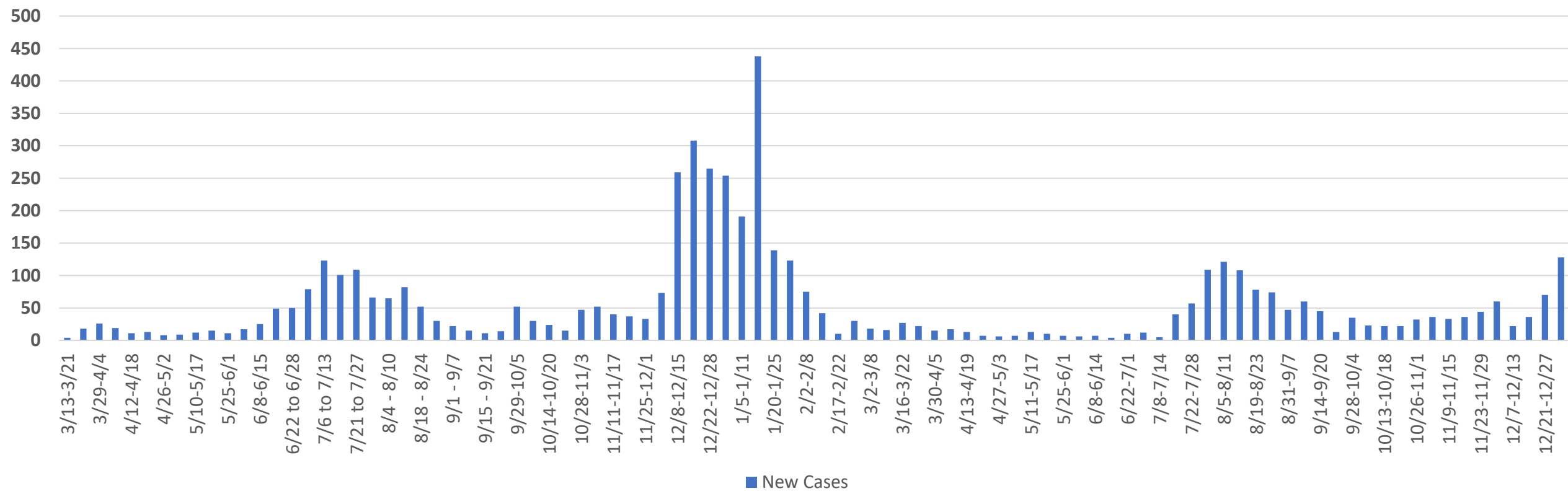
## Riverside County Past 6 weeks



# Palm Springs COVID Data



## Palm Springs Weekly COVID Cases

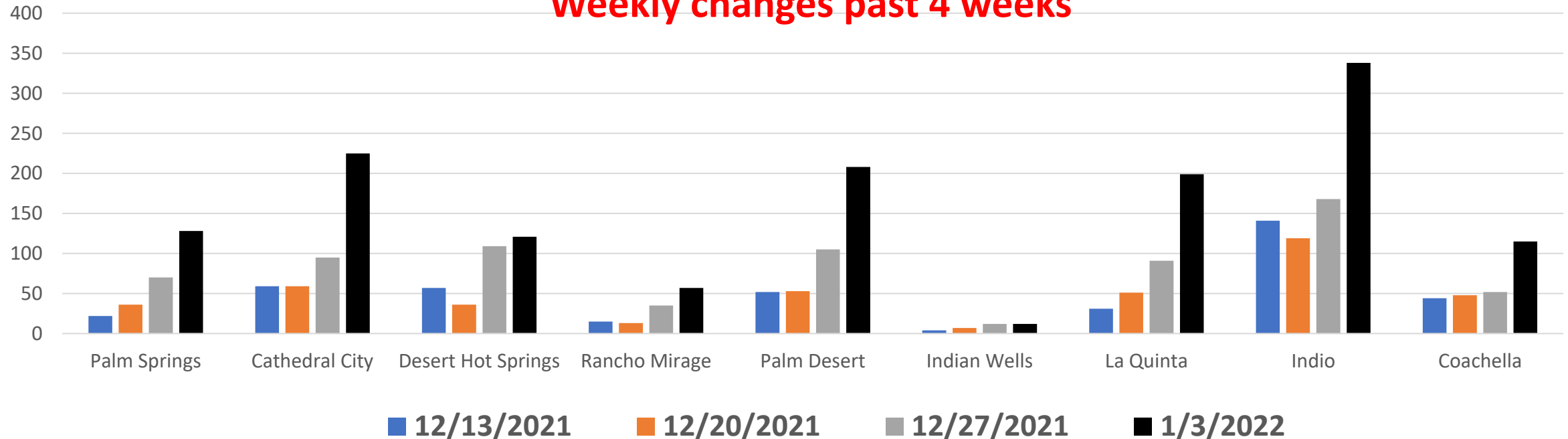


# Coachella Valley COVID-19 Cases

As of 1/3/2022

	Palm Springs	Cathedral City	Desert Hot Springs	Rancho Mirage	Palm Desert	Indian Wells	La Quinta	Indio	Coachella
Total cases / deaths	5,196 / 139	8,978 / 135	5,569 / 86	1,577 / 55	5,654 / 136	299 / 8	4,926 / 72	15,625/249	9,008 / 110
12/28 to 1/3	128 / 1	225 / 1	121 / 0	57 / 0	208 / 0	12 / 0	199 / 1	338 / 1	115 / 0

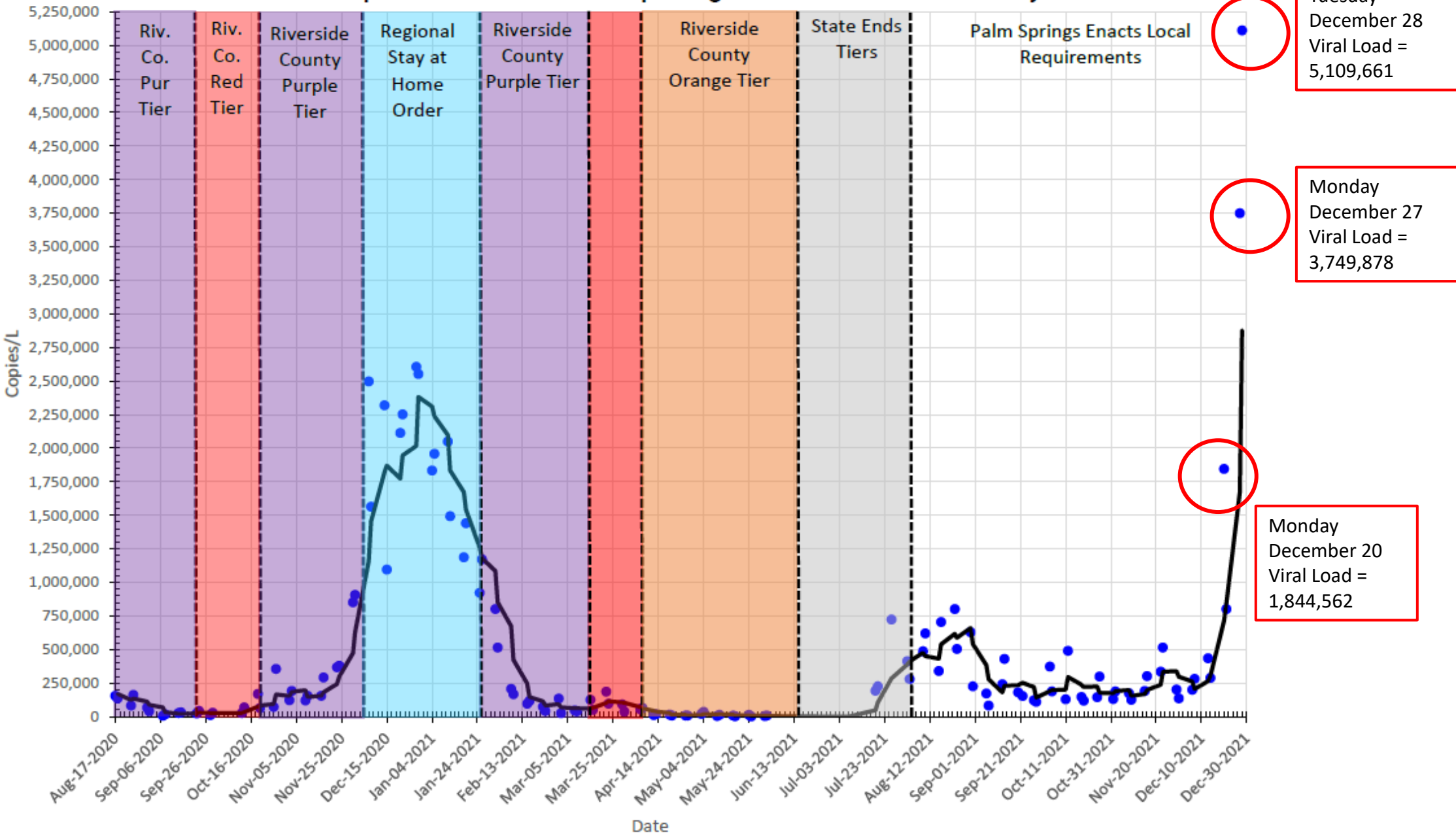
## Weekly changes past 4 weeks



# City of Palm Springs Wastewater Treatment Plant

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

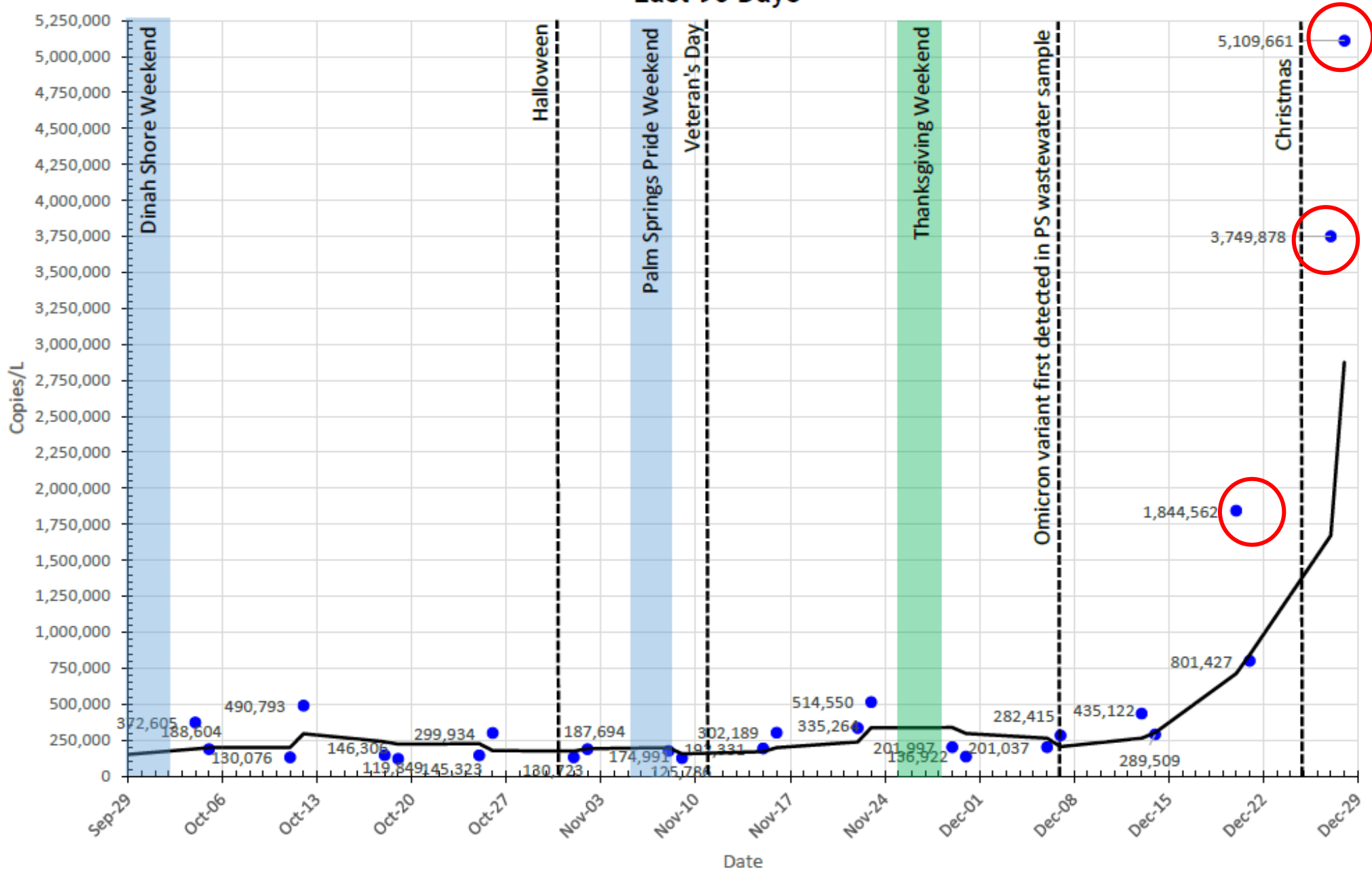
### Data Compared to California Reopening Tiers for Riverside County



# City of Palm Springs Wastewater Treatment Plant

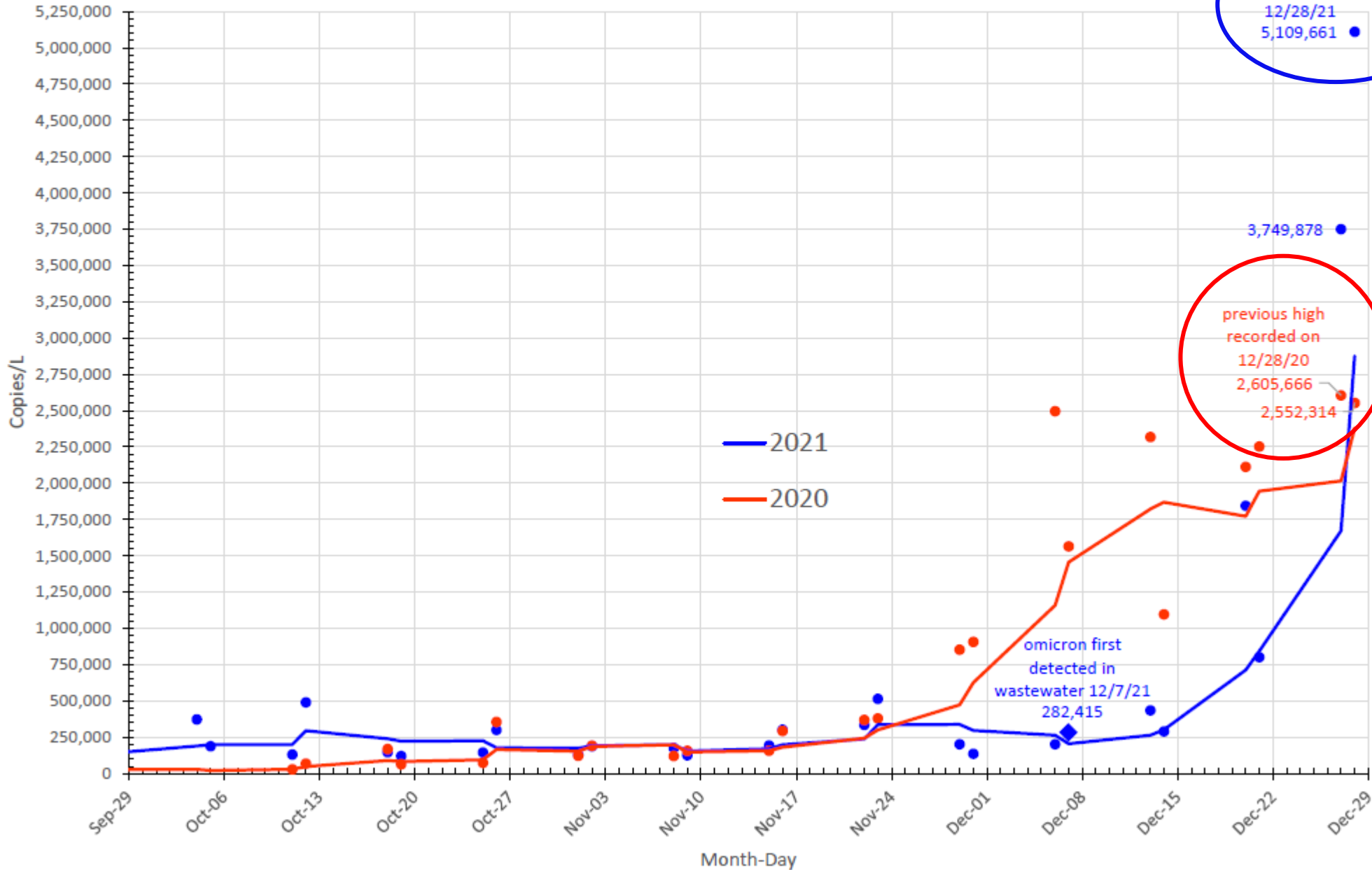
## SARS-CoV-2 Concentration - Number of Viral Copies per Liter of Wastewater

### Last 90 Days



DATE	VIRAL LOAD
11/15/2021	192,331
11/16/2021	302,189
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

# 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



new high  
recorded on  
12/28/21  
5,109,661

previous high  
recorded on  
12/28/20  
2,605,666  
2,552,314

omicron first  
detected in  
wastewater 12/7/21  
282,415

**Account Name:** Veolia - City of Palm Springs  
**GTID:** 18023

**Account No:** 33  
**Internal Location ID:**

**Customer Provided Information:**

**Location Identifier:** Palm Springs WWTP  
**Sample Collection Date:** 12/28/2021 9:00:00 AM to 12/30/2021 9:00:00 AM  
**Sampling Method:** Flow-proportional 24-hr composite  
**Average influent flow over sample period (MGD):** 4.927

**SARS-CoV-2 in Sample**

**DETECTED**

Viral Copies per Liter of Wastewater (recovery adjusted)      5,109,661      copies/L

**Estimated COVID-19 Disease Prevalence\***

**22,873 cases\*\***

51.98 % prevalence rate\*\*

Cases Estimation Range = 12,018 to 53,311 cases

Prevalence Rate Estimation Range = 27.31 to 121.16 %

\*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
11/15/2021	2,345
11/16/2021	1,451
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