

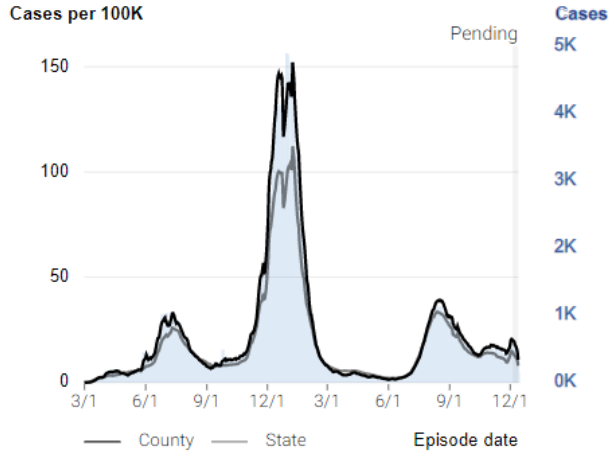
Confirmed cases in Riverside County

Episode date	Reported date
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377,728 total confirmed cases

261 new cases (0.1% increase)

19.8 cases per 100K (7-day average)



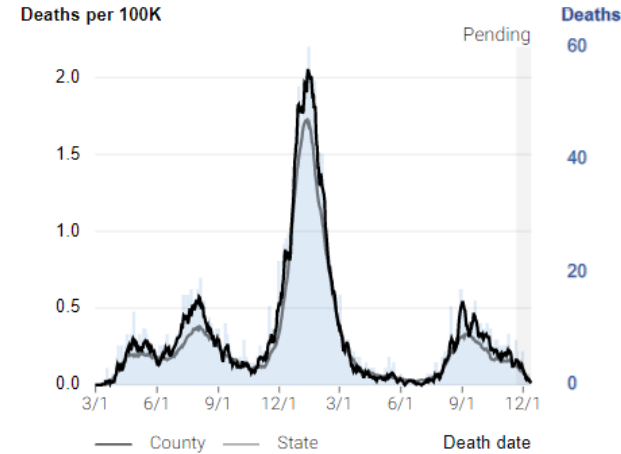
Confirmed deaths in Riverside County

Death date	Reported date
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5,414 total confirmed deaths

0 new deaths (0% increase)

0.2 deaths per 100K (7-day average)

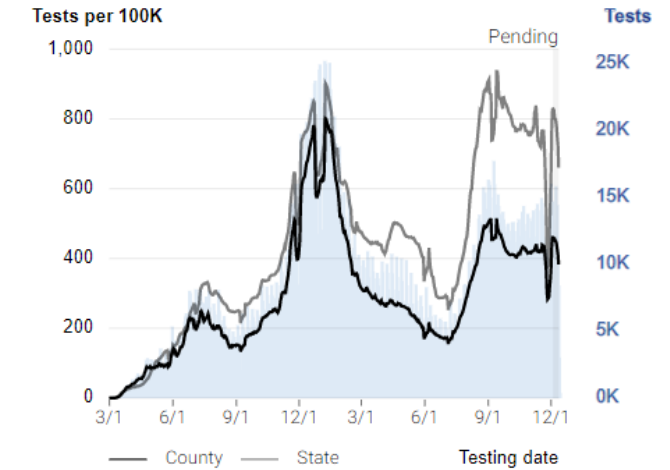


Total tests in Riverside County

Testing date	Reported date
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4,726,718 total tests performed

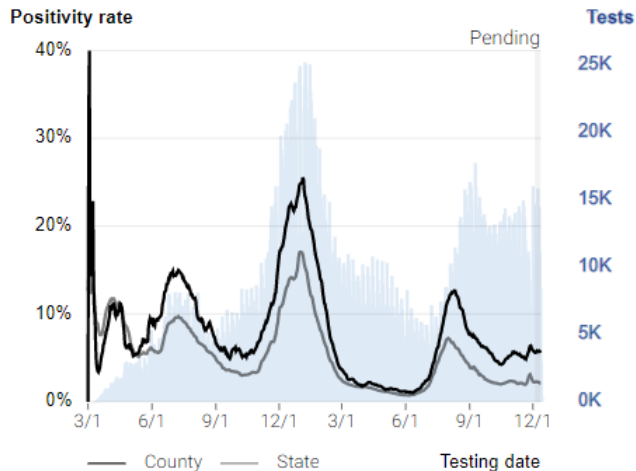
6,051 new tests reported (0.1% increase)



Positivity rate in Riverside County

5.6% test positivity (7-day rate)

0.03% decrease from 7-days prior

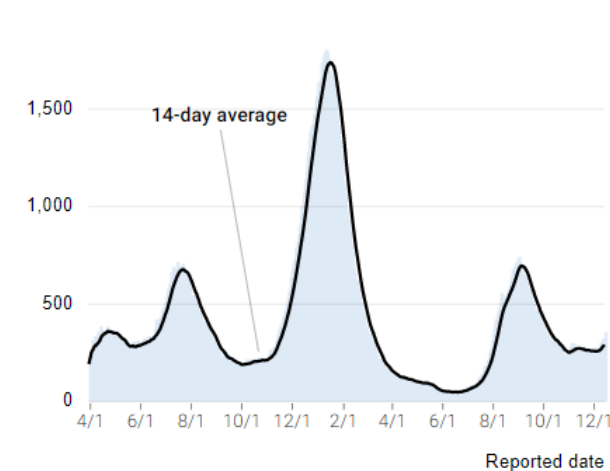


COVID-19 hospitalized patients in Riverside County

Hospitalized	ICU
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356 COVID-19 hospitalized patients

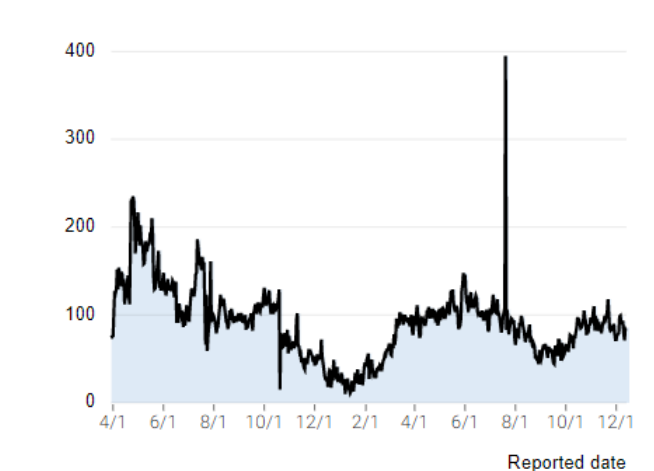
34 more patients hospitalized from prior day total (10.6% increase)



ICU beds in Riverside County

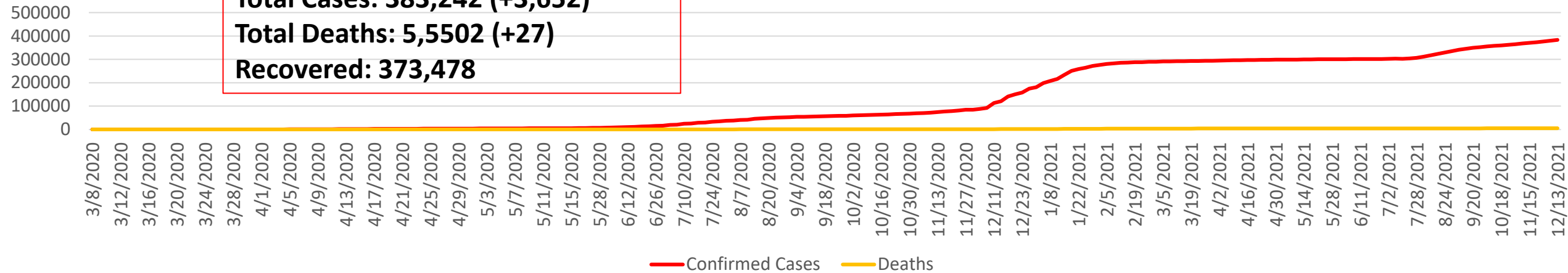
85 ICU beds available

0 more ICU beds available from prior day total (0% increase)

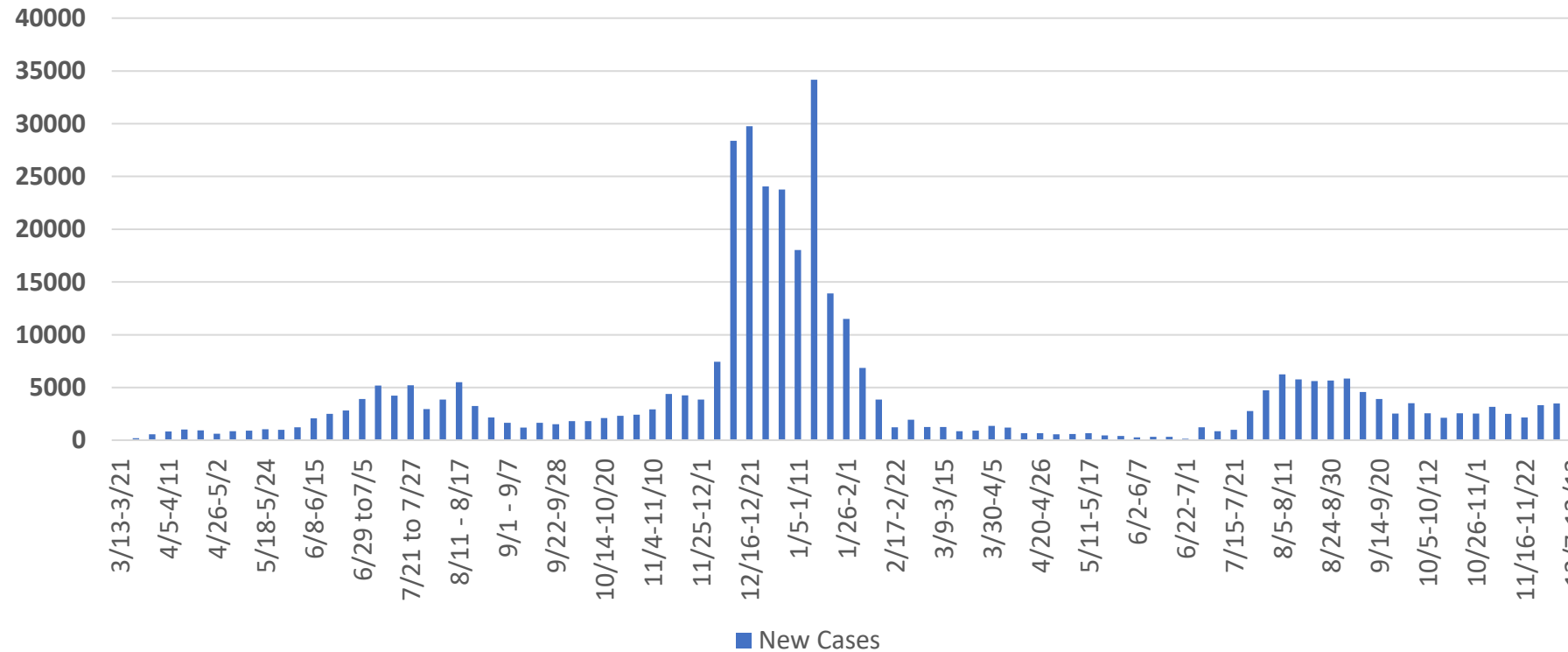


Riverside County

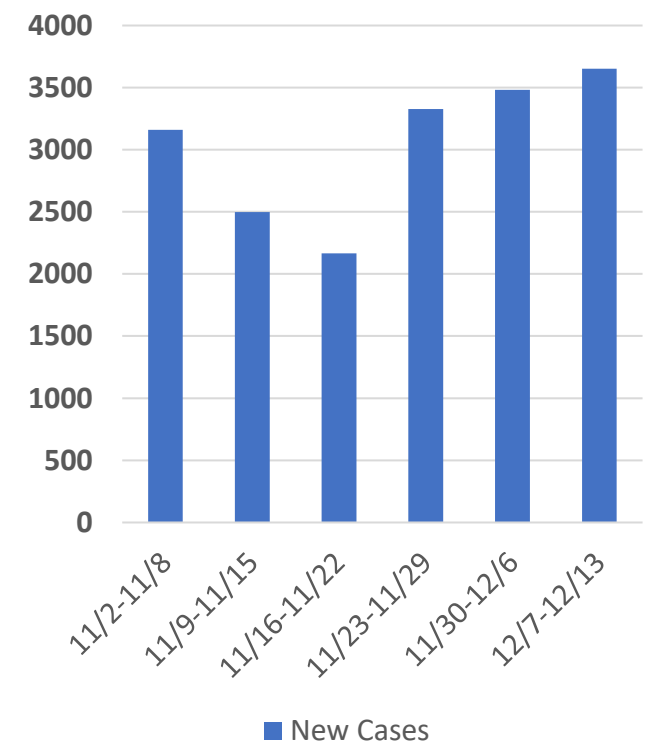
Total Cases: 383,242 (+3,652)
Total Deaths: 5,5502 (+27)
Recovered: 373,478



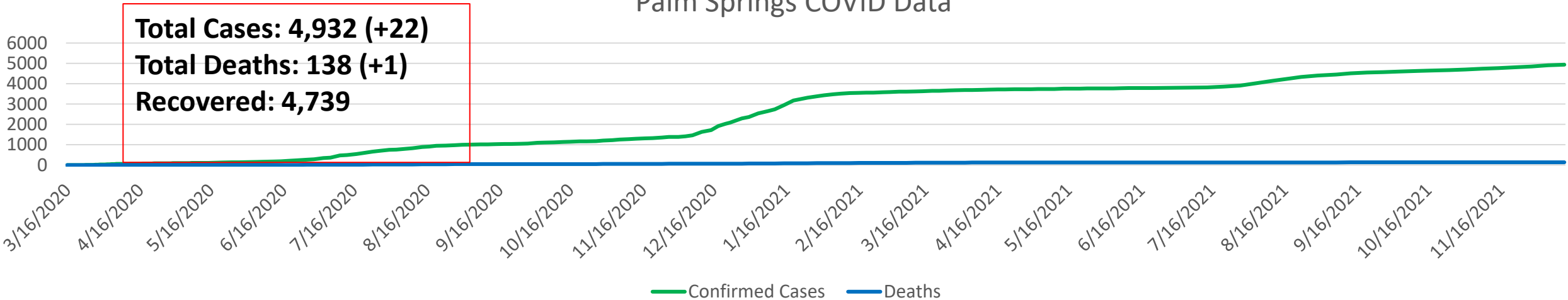
Riverside County Weekly COVID Cases



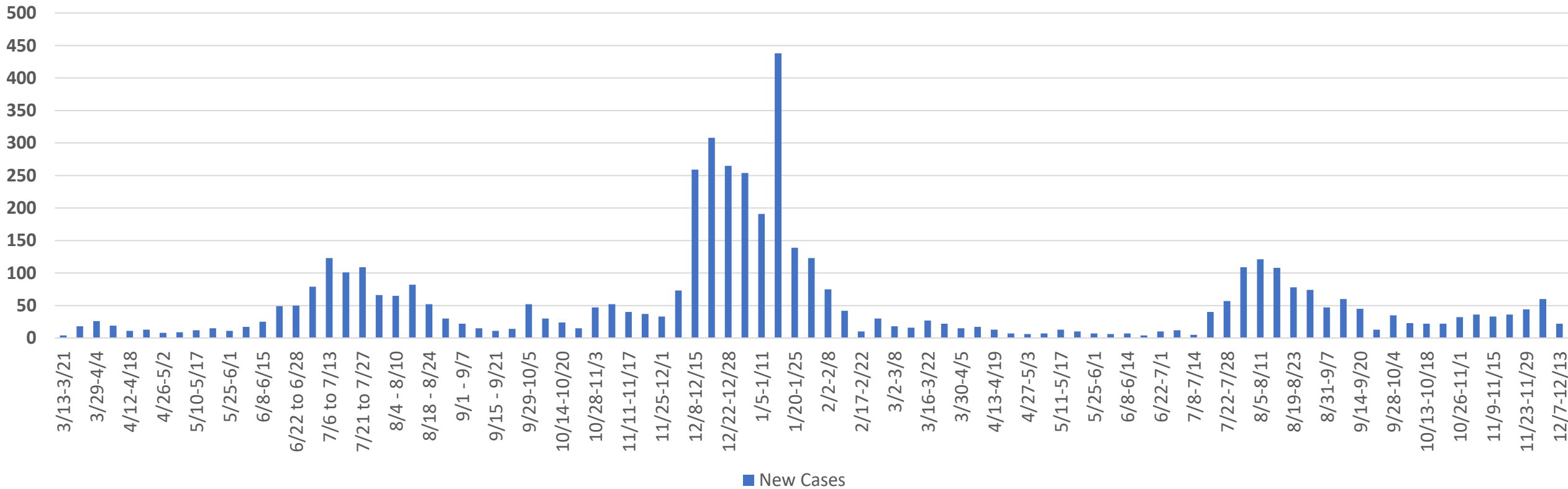
Riverside County Past 6 weeks



Palm Springs COVID Data



Palm Springs Weekly COVID Cases

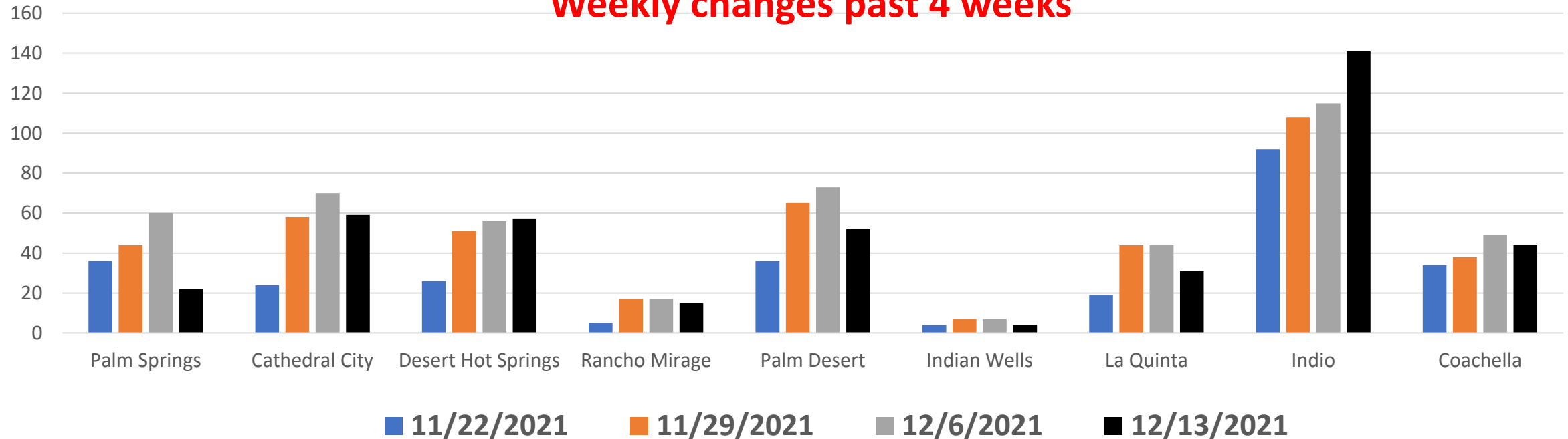


Coachella Valley COVID-19 Cases

As of 12/13/2021

	Palm Springs	Cathedral City	Desert Hot Springs	Rancho Mirage	Palm Desert	Indian Wells	La Quinta	Indio	Coachella
Total cases / deaths	4,932 / 138	8,599 / 133	5,339 / 86	1,472 / 55	5,288 / 136	268 / 8	4,585 / 70	15,000/247	8,793 / 110
12/7 to 12/13	22 / 1	59 / 0	57 / 0	15 / 1	52 / 0	4 / 0	31 / 0	141 / 0	44 / 0

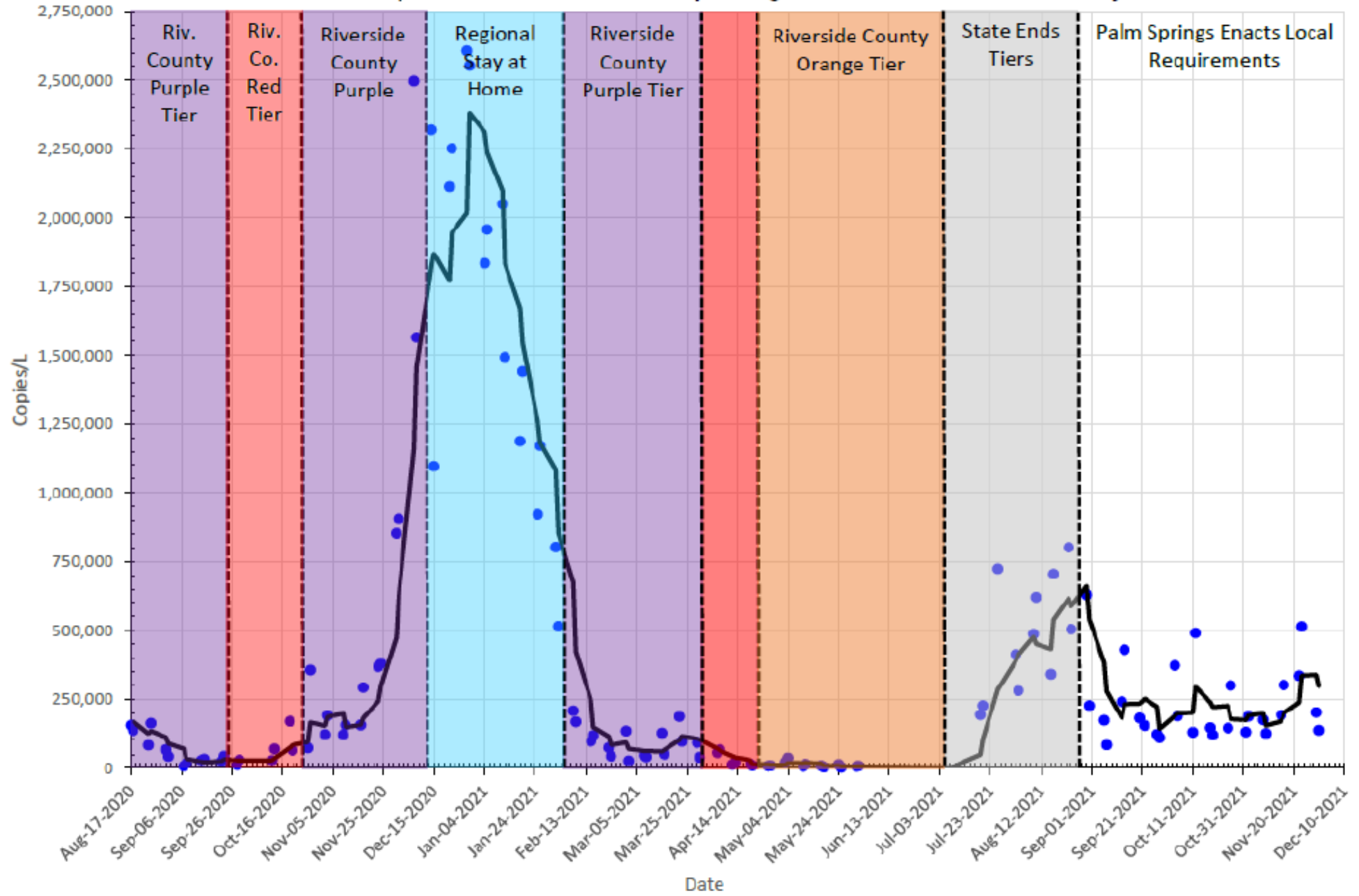
Weekly changes past 4 weeks



City of Palm Springs Wastewater Treatment Plant

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

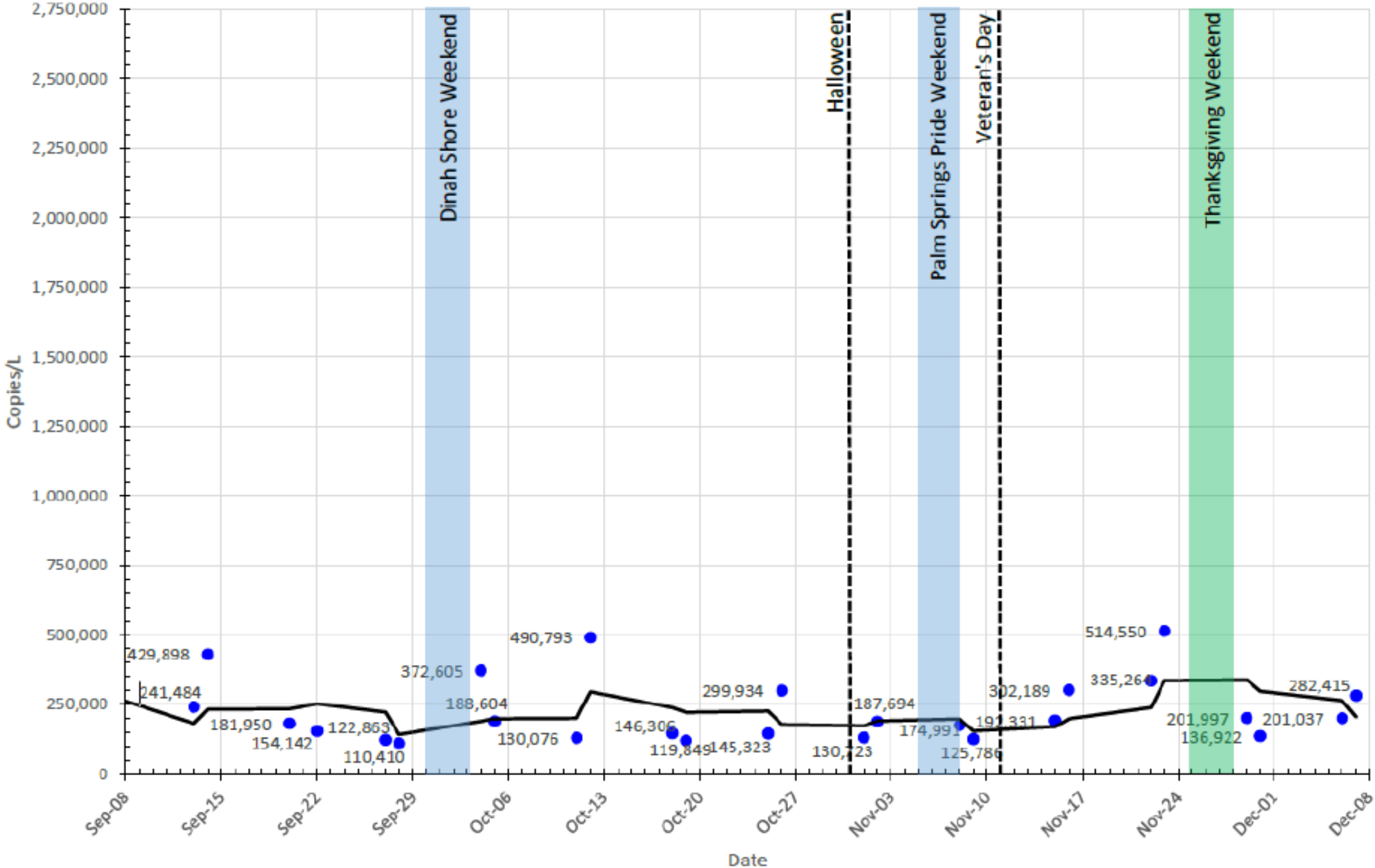
Data Compared to California Reopening Tiers for Riverside County



City of Palm Springs Wastewater Treatment Plant

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

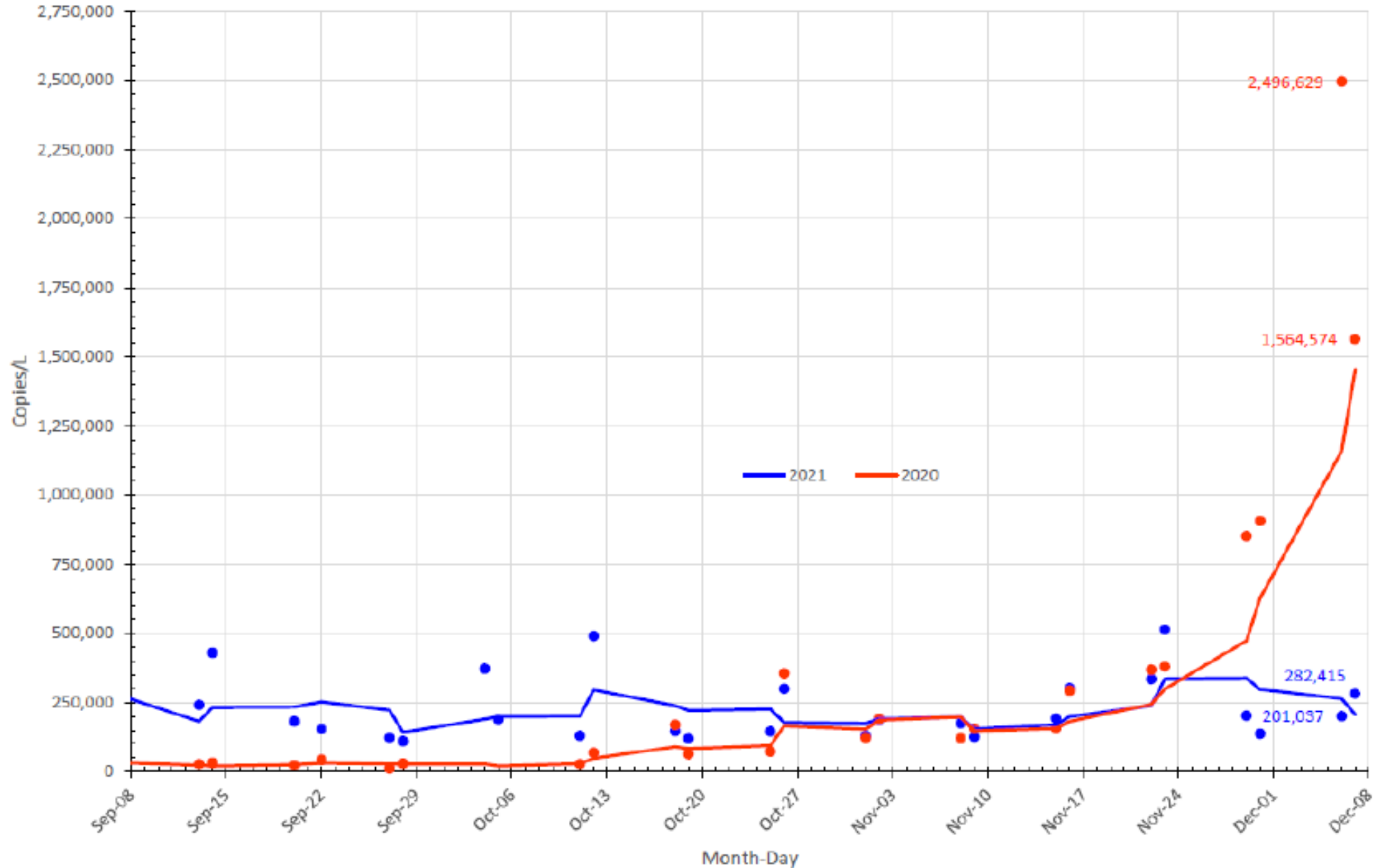
Last 90 Days



DATE	VIRAL LOAD
10/25/2021	145,323
10/26/2021	299,934
11/1/2021	130,723
11/2/2021	187,694
11/8/2021	174,991
11/9/2021	125,786
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

Comparison of 2020 vs. 2021: Here is what the last 90 days looks like compared to last year

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: 18020

Internal Location ID:

Customer Provided Information:

Location Identifier: Palm Springs WWTP
 Sample Collection Date: 12/7/2021 9:00:00 AM to 12/8/2021 8:00:00 AM
 Sampling Method: Flow-proportional 24-hr composite
 Average influent flow over sample period (MGD): 4.717

SARS-CoV-2 in Sample

DETECTED

Viral Copies per Liter of Wastewater (recovery adjusted) 282,415 copies/L

Estimated COVID-19 Disease Prevalence*

1,583 cases**

3.60 % prevalence rate**

Cases Estimation Range = 832 to 3,691 cases

Prevalence Rate Estimation Range = 1.89 to 8.39 %

*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 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
10/25/2021	1,036
10/26/2021	1,575
11/1/2021	1,684
11/2/2021	1,082
11/8/2021	2,109
11/9/2021	1,217
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