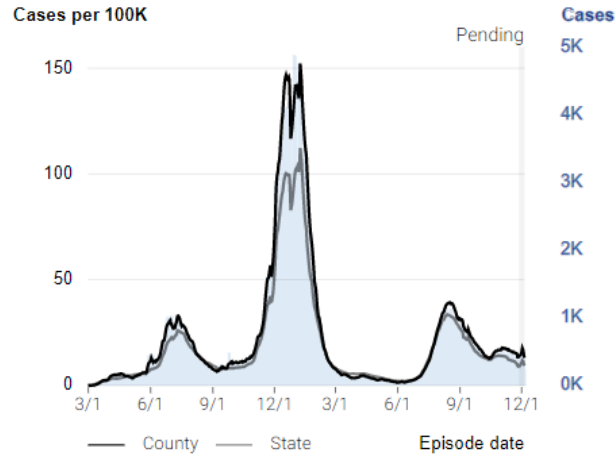


Confirmed cases in Riverside County

Episode date	Reported date
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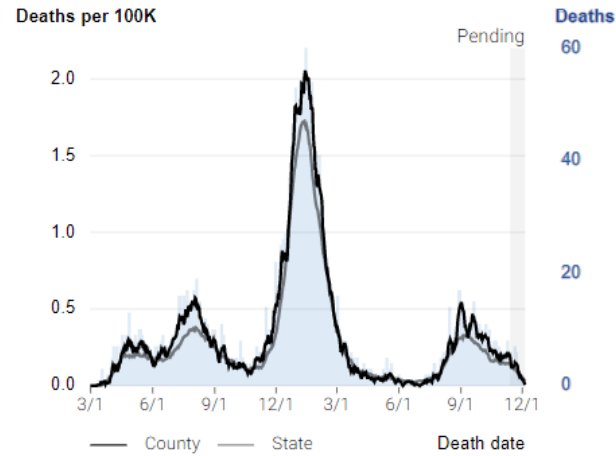
373,827 total confirmed cases
 2,059 new cases (0.6% increase)
 14.1 cases per 100K (7-day average)



Confirmed deaths in Riverside County

Death date	Reported date
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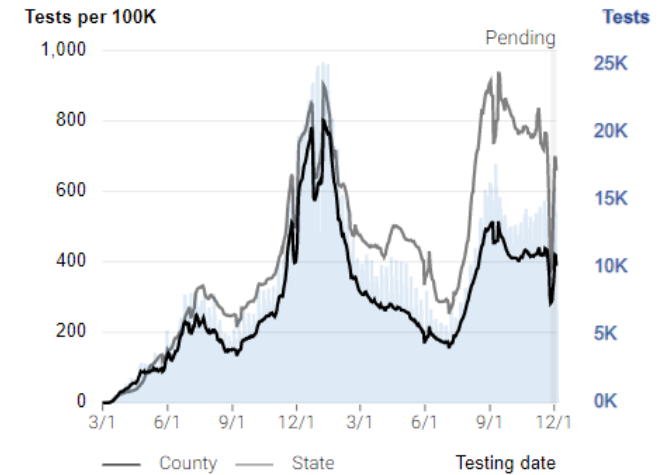
5,388 total confirmed deaths
 7 new deaths (0.1% increase)
 0.2 deaths per 100K (7-day average)



Total tests in Riverside County

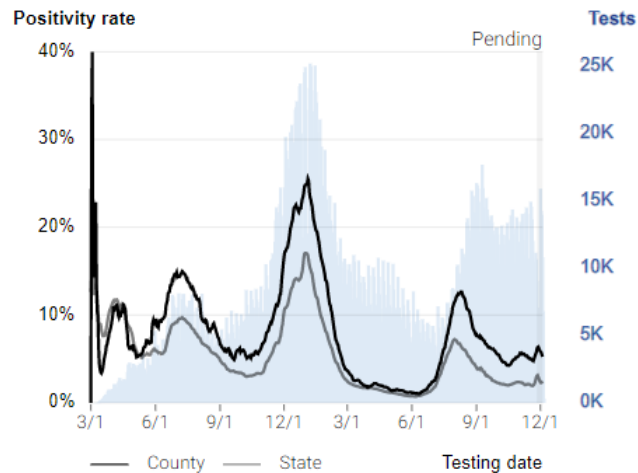
Testing date	Reported date
--------------	-------------------------------

4,642,786 total tests performed
 55,075 new tests reported (1.2% increase)



Positivity rate in Riverside County

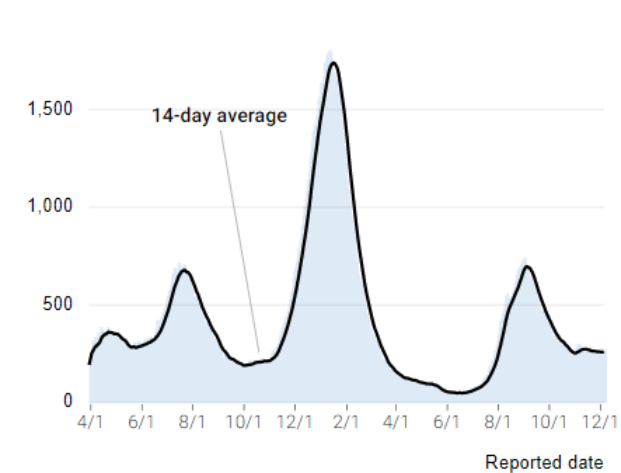
5.2% test positivity (7-day rate)
 1.1% decrease from 7-days prior



COVID-19 hospitalized patients in Riverside County

Hospitalized	ICU
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271 COVID-19 hospitalized patients
 14 more patients hospitalized from prior day total (5.4% increase)



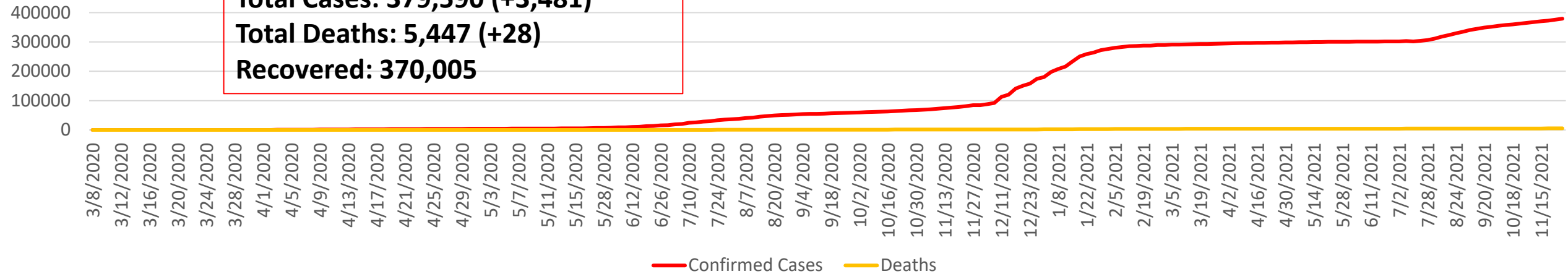
ICU beds in Riverside County

98 ICU beds available
 19 more ICU beds available from prior day total (24.1% increase)

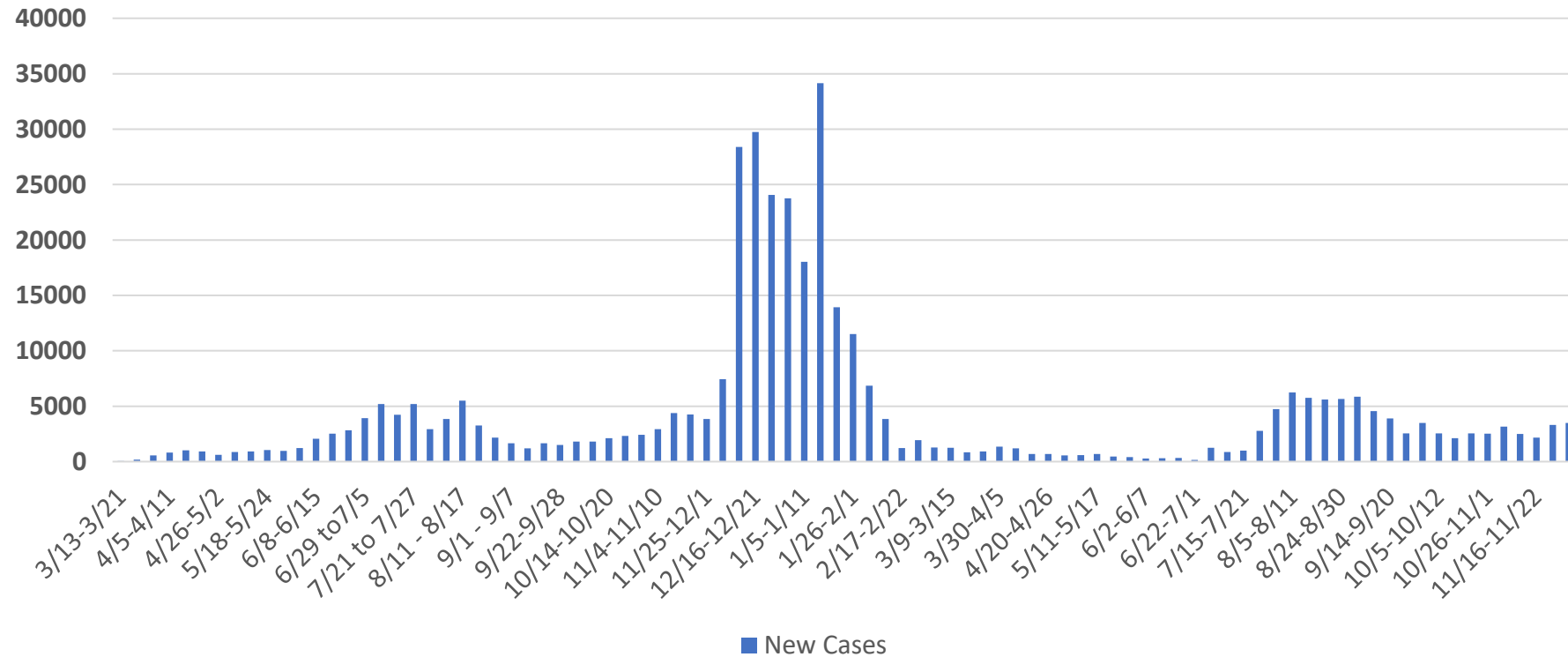


Riverside County

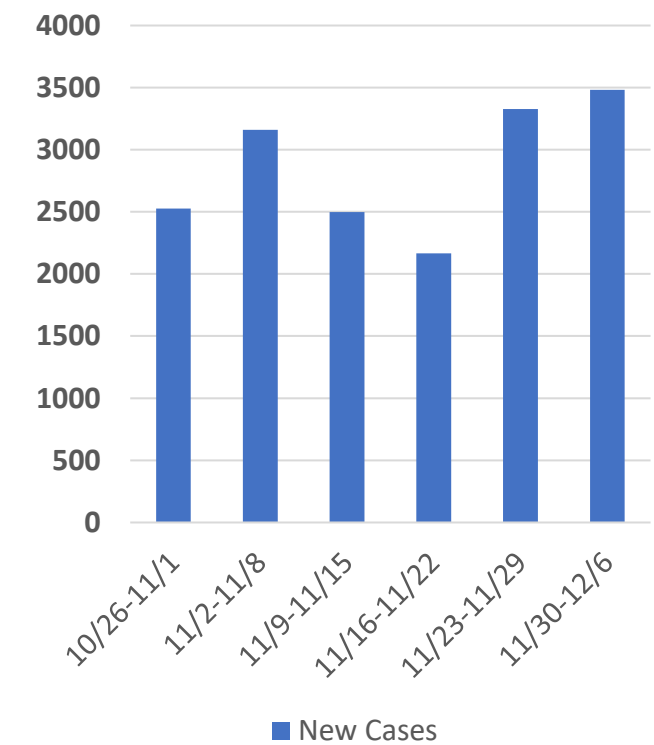
Total Cases: 379,590 (+3,481)
Total Deaths: 5,447 (+28)
Recovered: 370,005



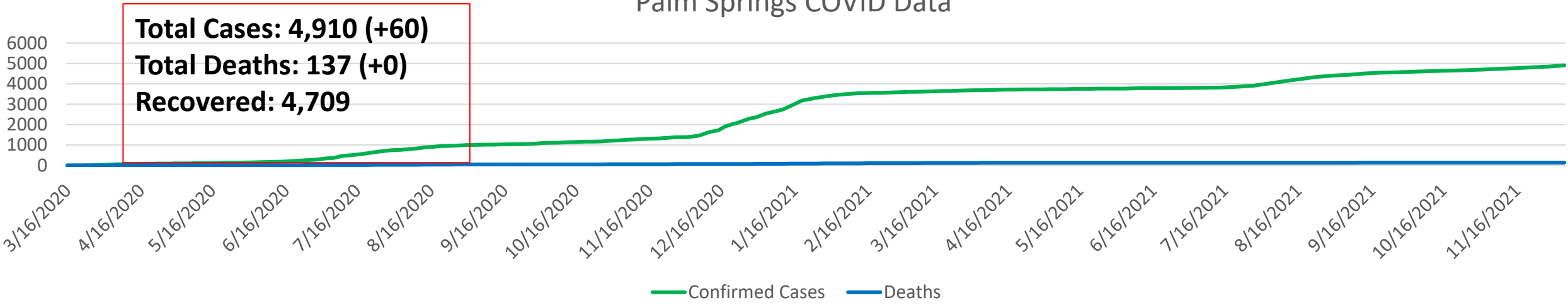
Riverside County Weekly COVID Cases



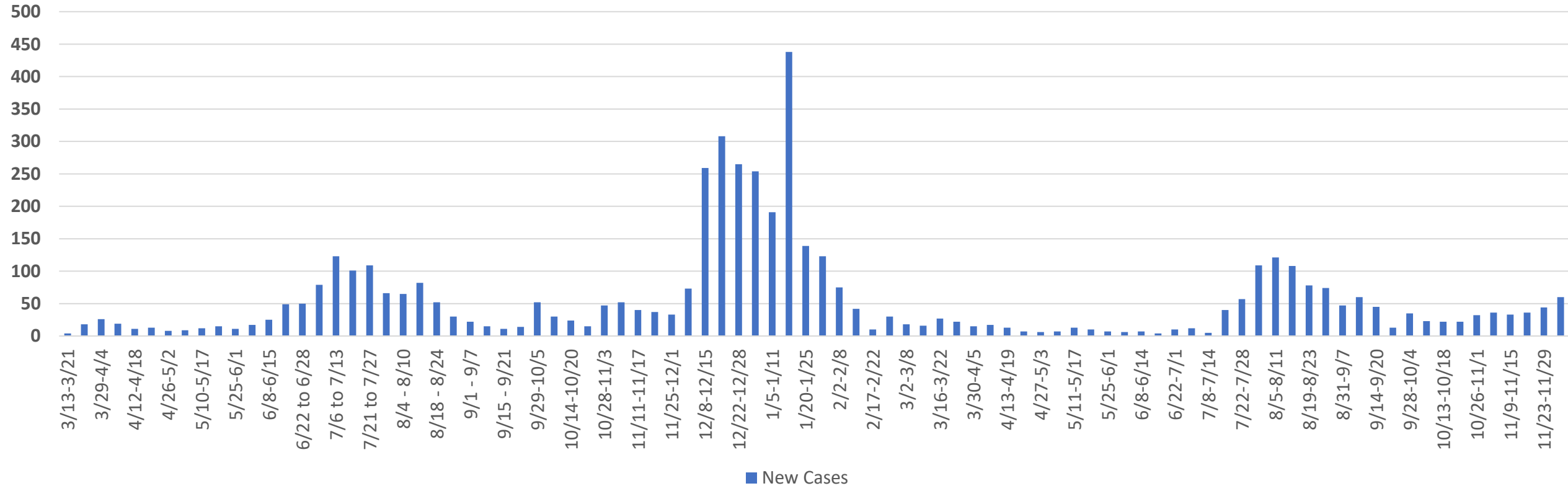
Riverside County Past 6 weeks



Palm Springs COVID Data



Palm Springs Weekly COVID Cases

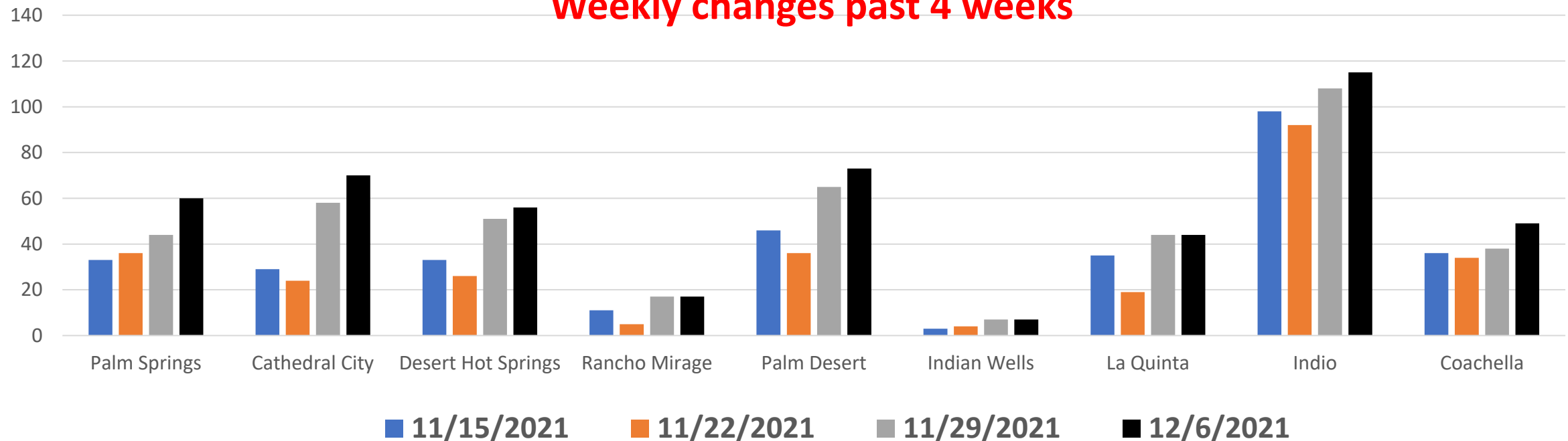


Coachella Valley COVID-19 Cases

As of 12/6/2021

	Palm Springs	Cathedral City	Desert Hot Springs	Rancho Mirage	Palm Desert	Indian Wells	La Quinta	Indio	Coachella
Total cases / deaths	4,910 / 137	8,540 / 133	5,282 / 86	1,457 / 54	5,236 / 136	264 / 8	4,554 / 70	14,859/247	8,749 / 110
11/30 to 12/6	60 / 0	70 / 1	56 / 0	17 / 0	73 / 0	7 / 0	44 / 1	115 / 0	49 / 0

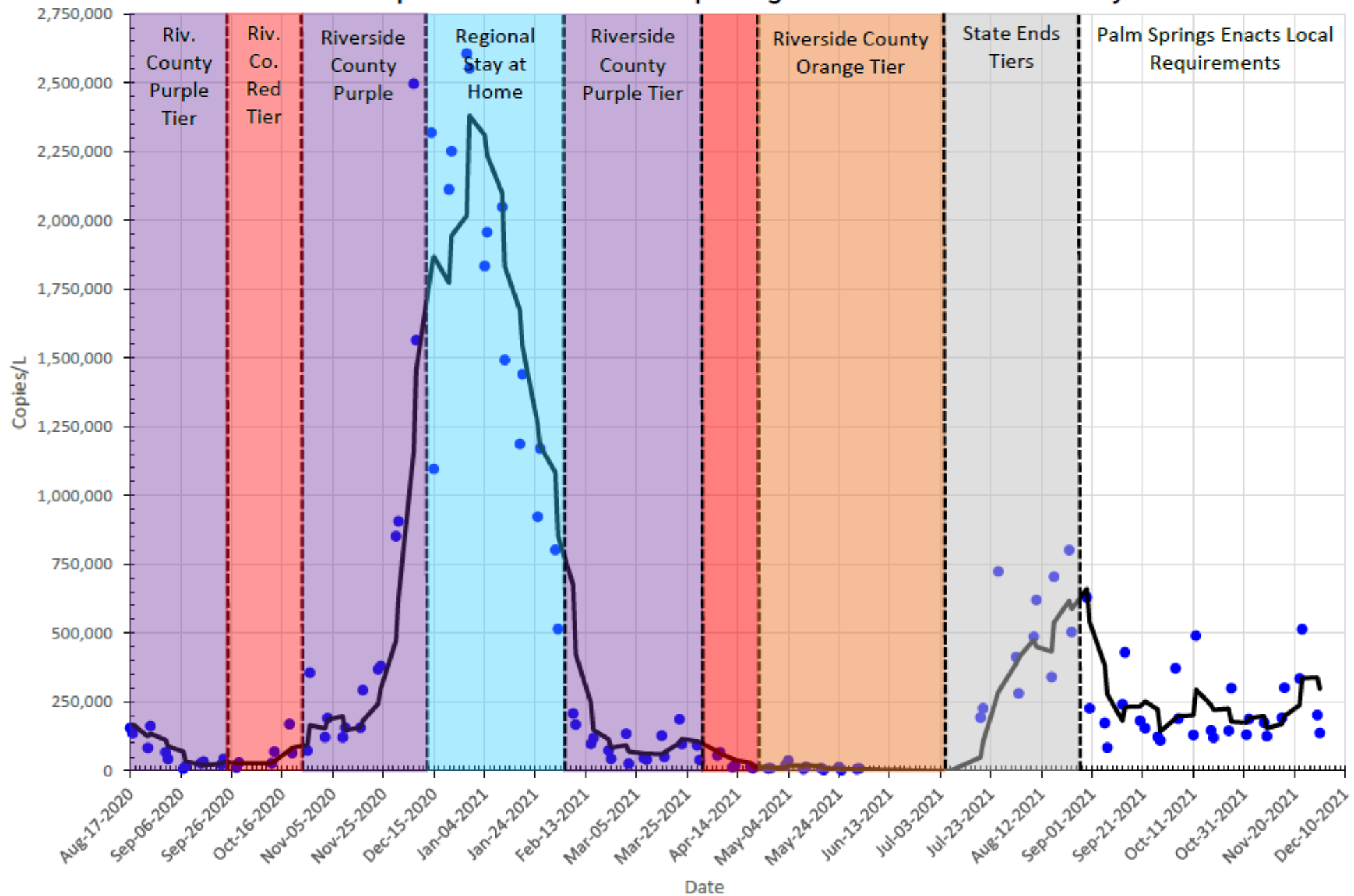
Weekly changes past 4 weeks



City of Palm Springs Wastewater Treatment Plant

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

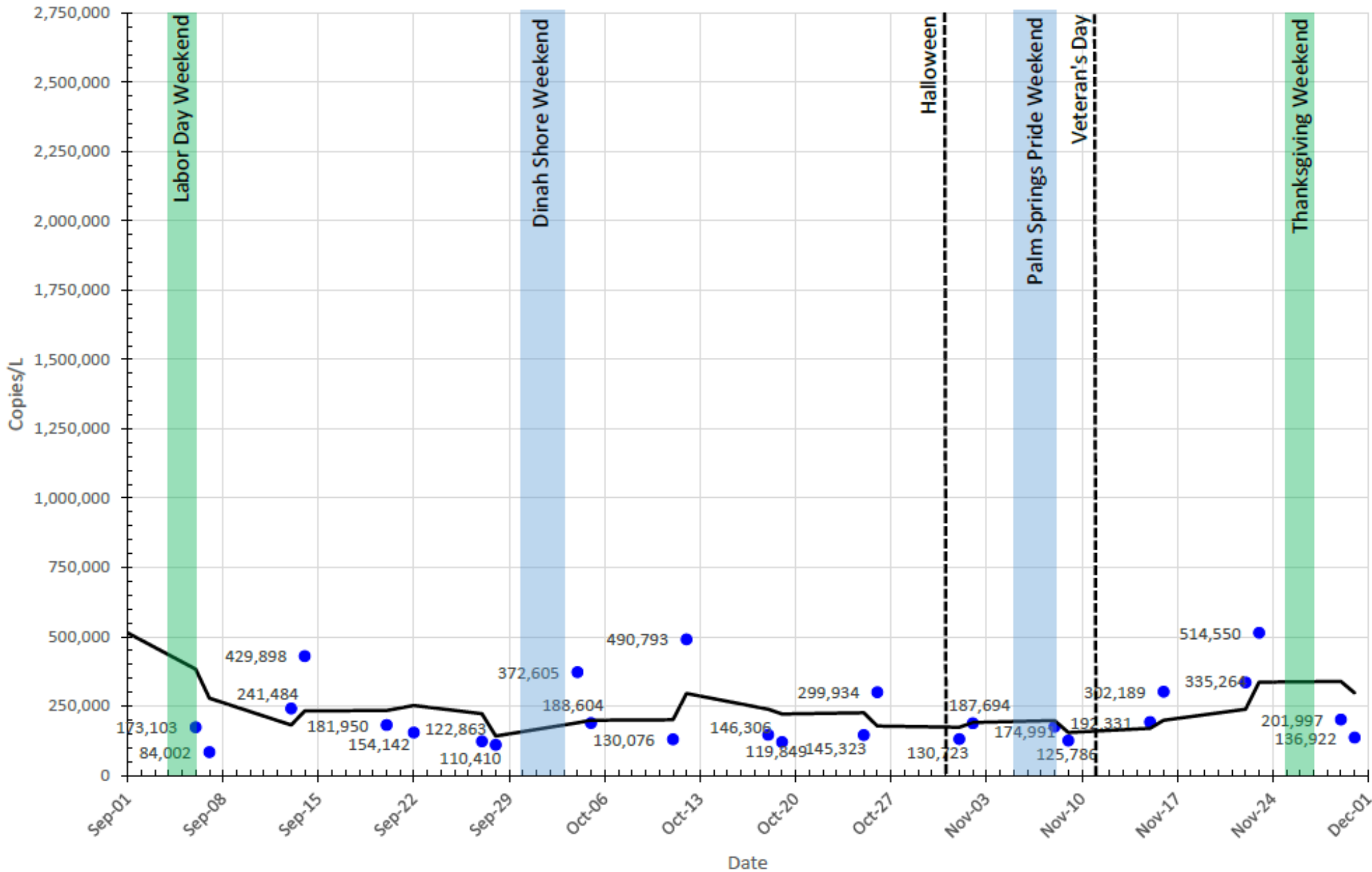
Data Compared to California Reopening Tiers for Riverside County



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
10/18/2021	146,306
10/19/2021	119,849
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

Report Generated: 12/3/2021

Account Name: Veolia - City of Palm Springs
GTID: 18016

Account No: 33
Internal Location ID:

Customer Provided Information:

Location Identifier: Palm Springs WWTP
Sample Collection Date: 11/30/2021 9:00:00 AM to 12/1/2021 9:00:00 AM
Sampling Method: Flow-proportional 24-hr composite
Average influent flow over sample period (MGD): 4.854

SARS-CoV-2 in Sample

DETECTED

Viral Copies per Liter of Wastewater (recovery adjusted) 136,922 copies/L

Estimated COVID-19 Disease Prevalence*

1,283 cases**

2.92 % prevalence rate**

Cases Estimation Range = 674 to 2,991 cases

Prevalence Rate Estimation Range = 1.53 to 6.80 %

*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
10/18/2021	807
10/19/2021	477
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