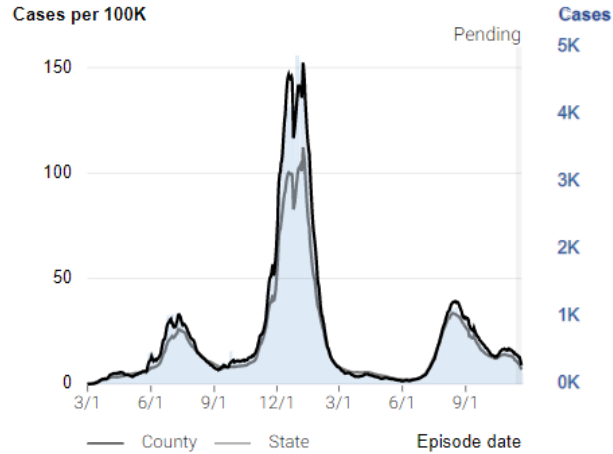


Confirmed cases in Riverside County

Episode date	Reported date
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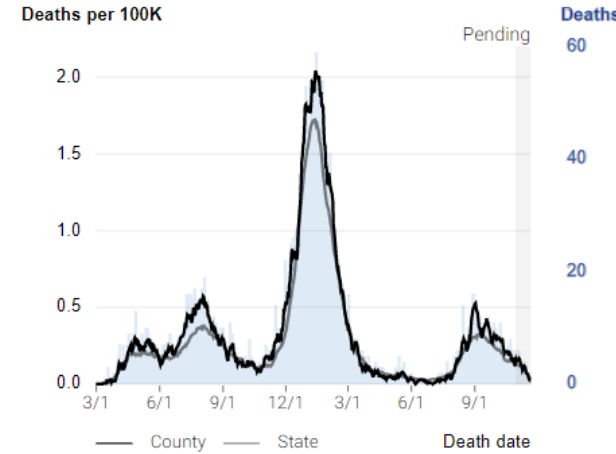
367,093 total confirmed cases
1,284 new cases (0.4% increase)
13.9 cases per 100K (7-day average)



Confirmed deaths in Riverside County

Death date	Reported date
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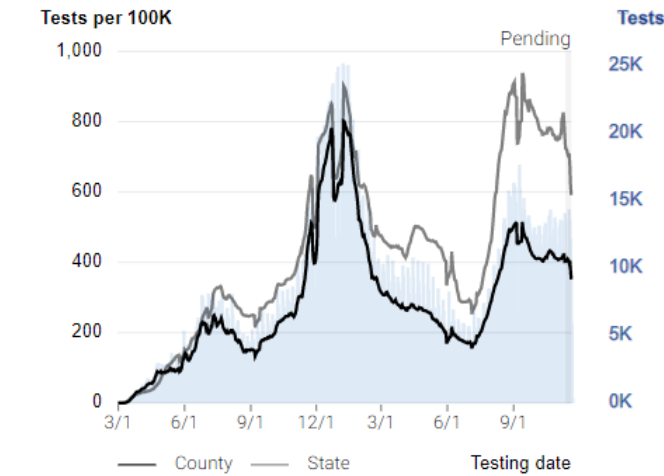
5,283 total confirmed deaths
18 new deaths (0.3% increase)
0.2 deaths per 100K (7-day average)



Total tests in Riverside County

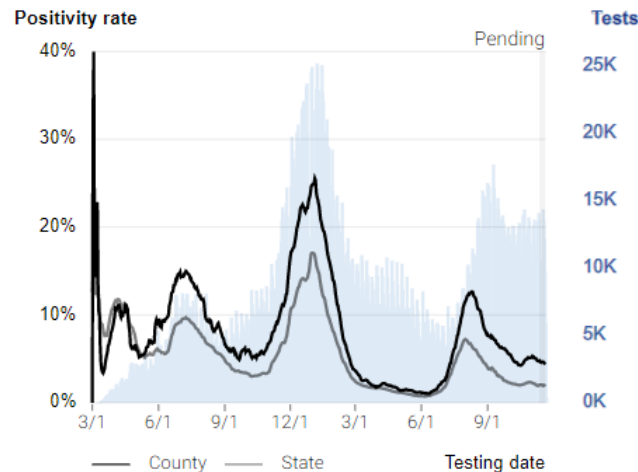
Testing date	Reported date
---------------------	-------------------------------

4,505,426 total tests performed
40,345 new tests reported (0.9% increase)



Positivity rate in Riverside County

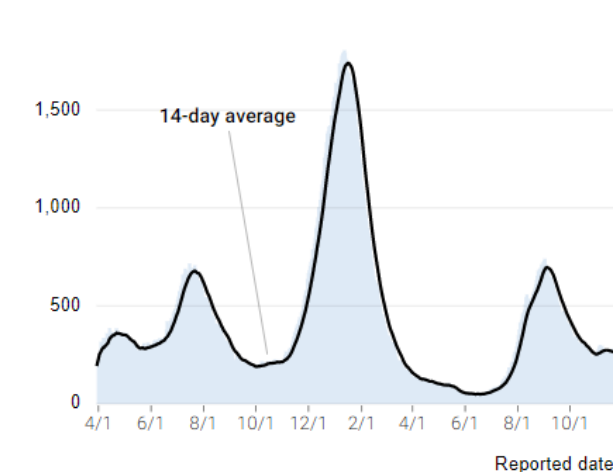
4.4% test positivity (7-day rate)
0.3% decrease from 7-days prior



COVID-19 hospitalized patients in Riverside County

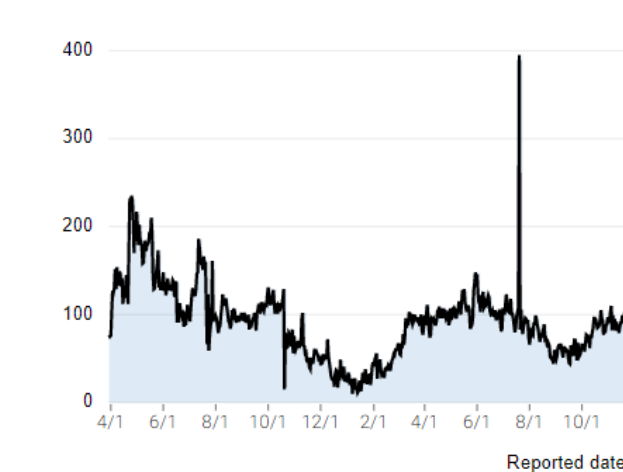
Hospitalized	ICU
---------------------	---------------------

252 COVID-19 hospitalized patients
7 fewer patients hospitalized from prior day total (2.7% decrease)



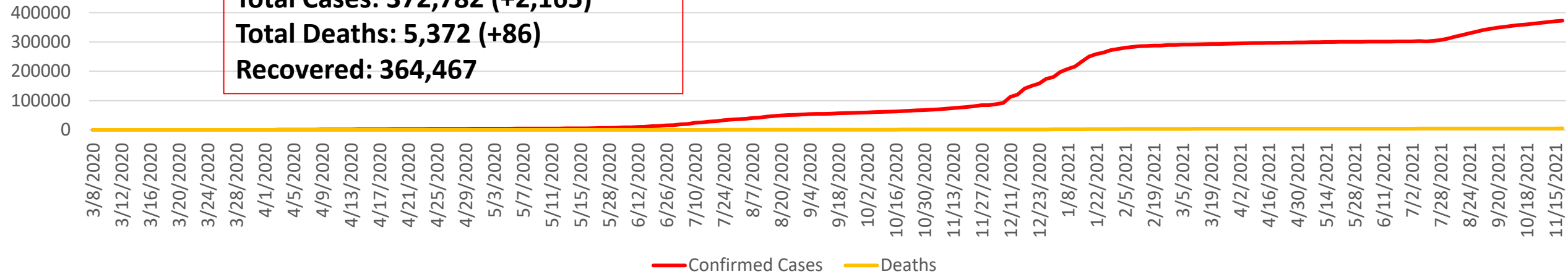
ICU beds in Riverside County

118 ICU beds available
14 more ICU beds available from prior day total (13.5% increase)

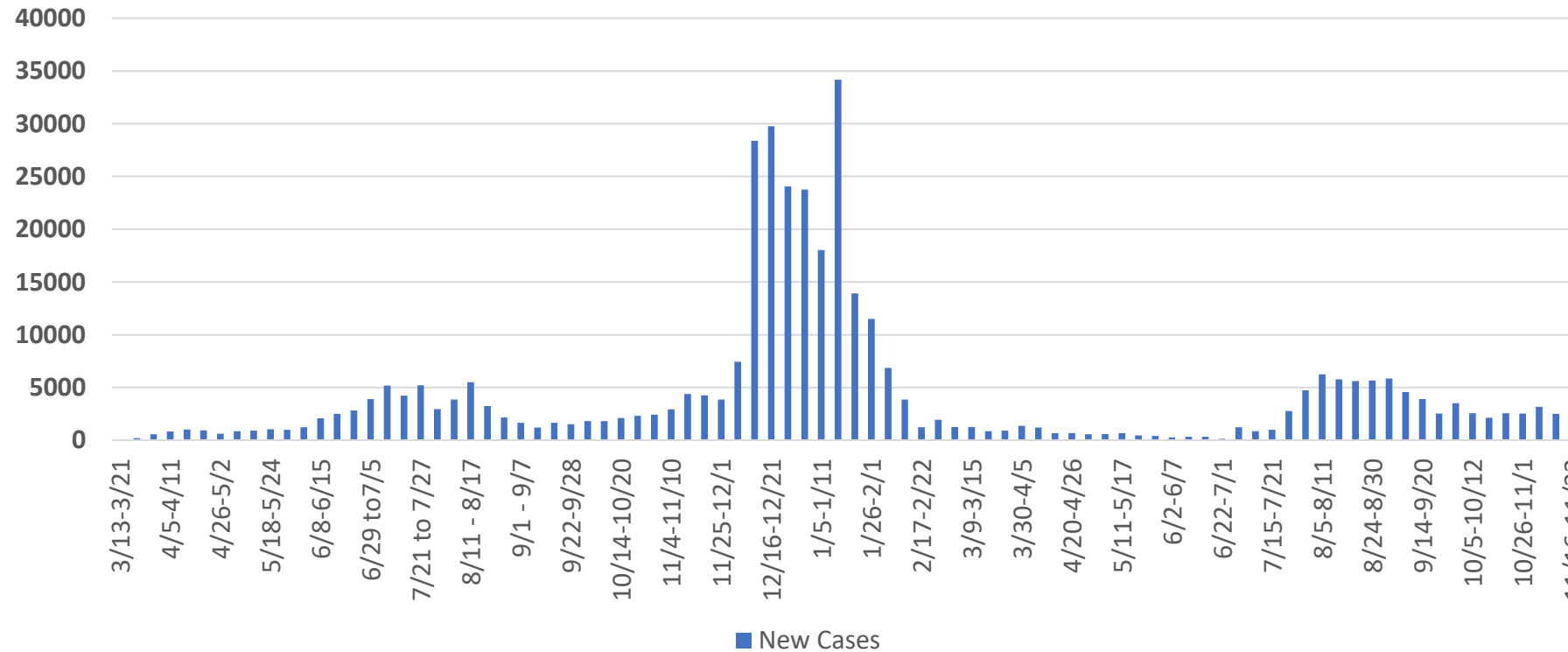


Riverside County

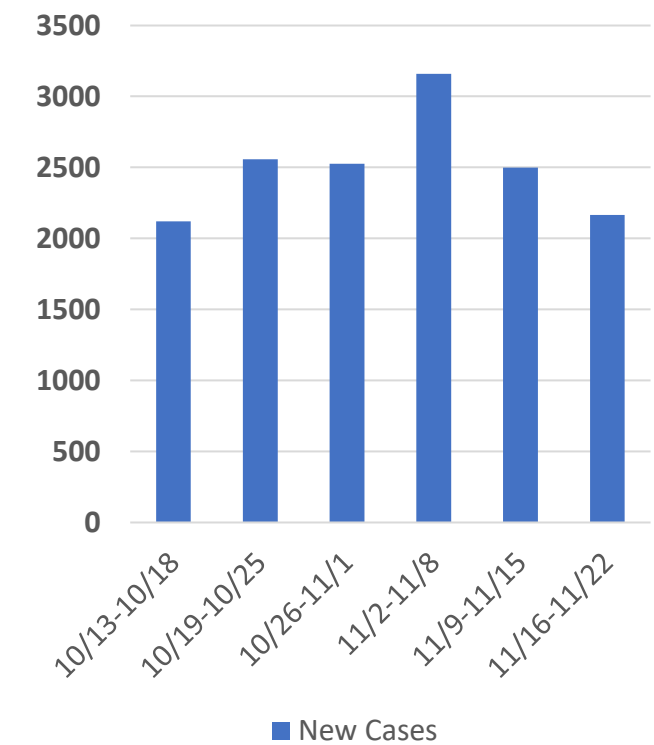
Total Cases: 372,782 (+2,165)
Total Deaths: 5,372 (+86)
Recovered: 364,467



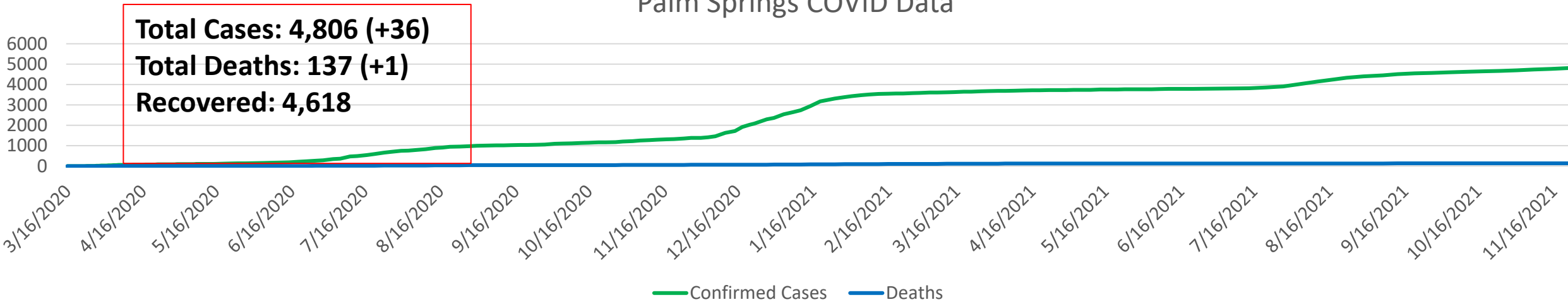
Riverside County Weekly COVID Cases



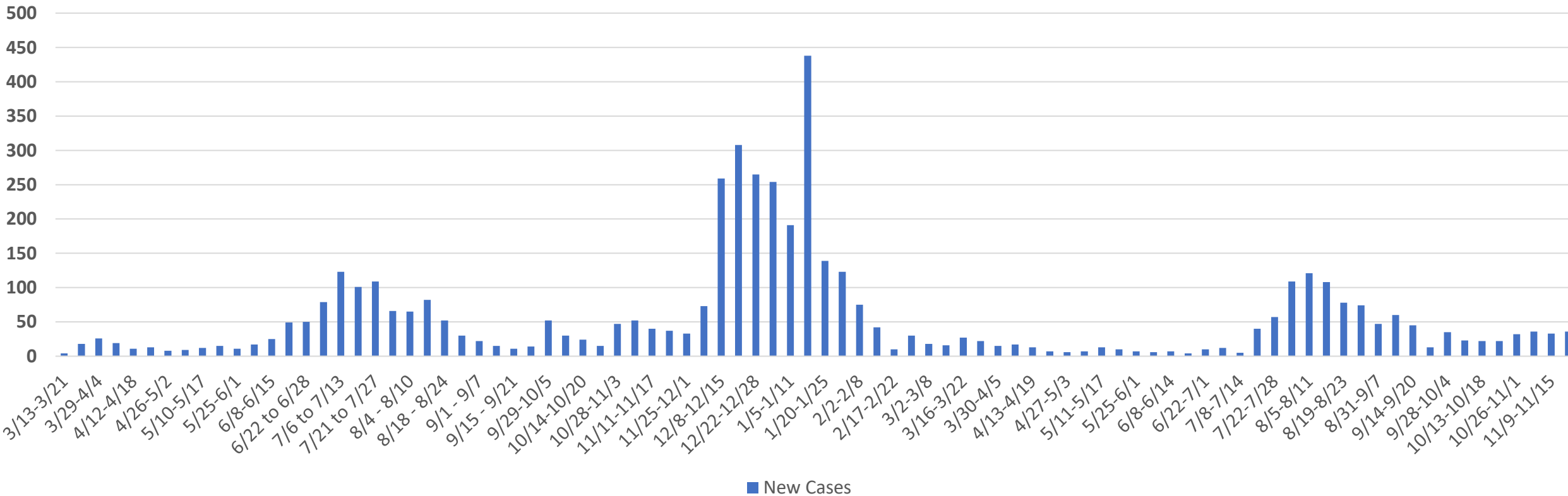
Riverside County Past 6 weeks



Palm Springs COVID Data



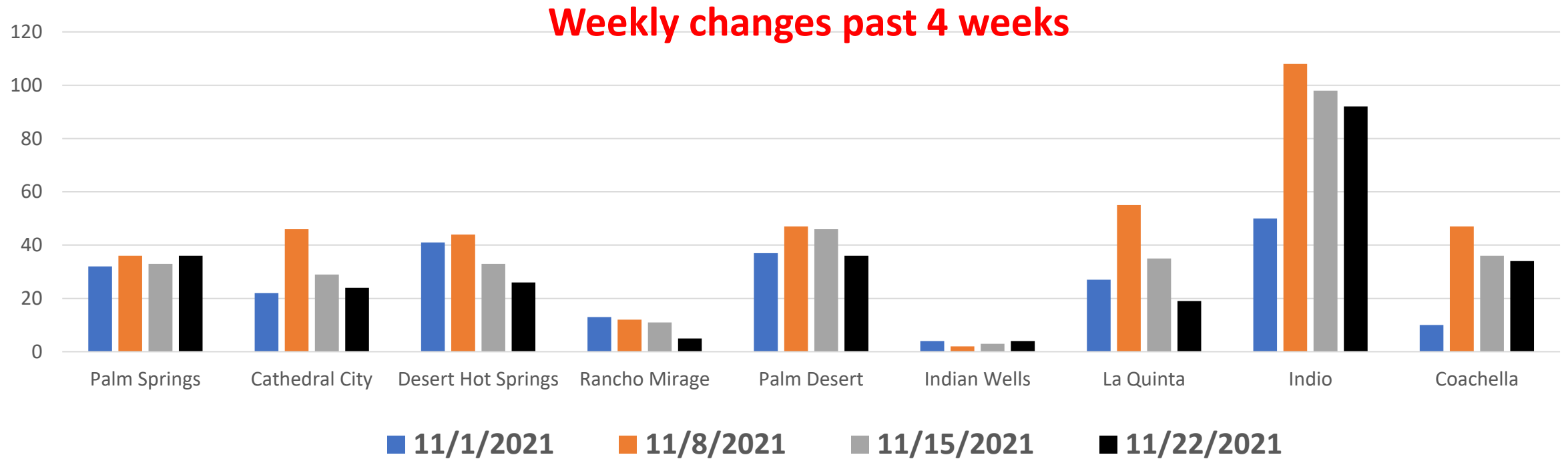
Palm Springs Weekly COVID Cases



Coachella Valley COVID-19 Cases

As of 11/22/2021

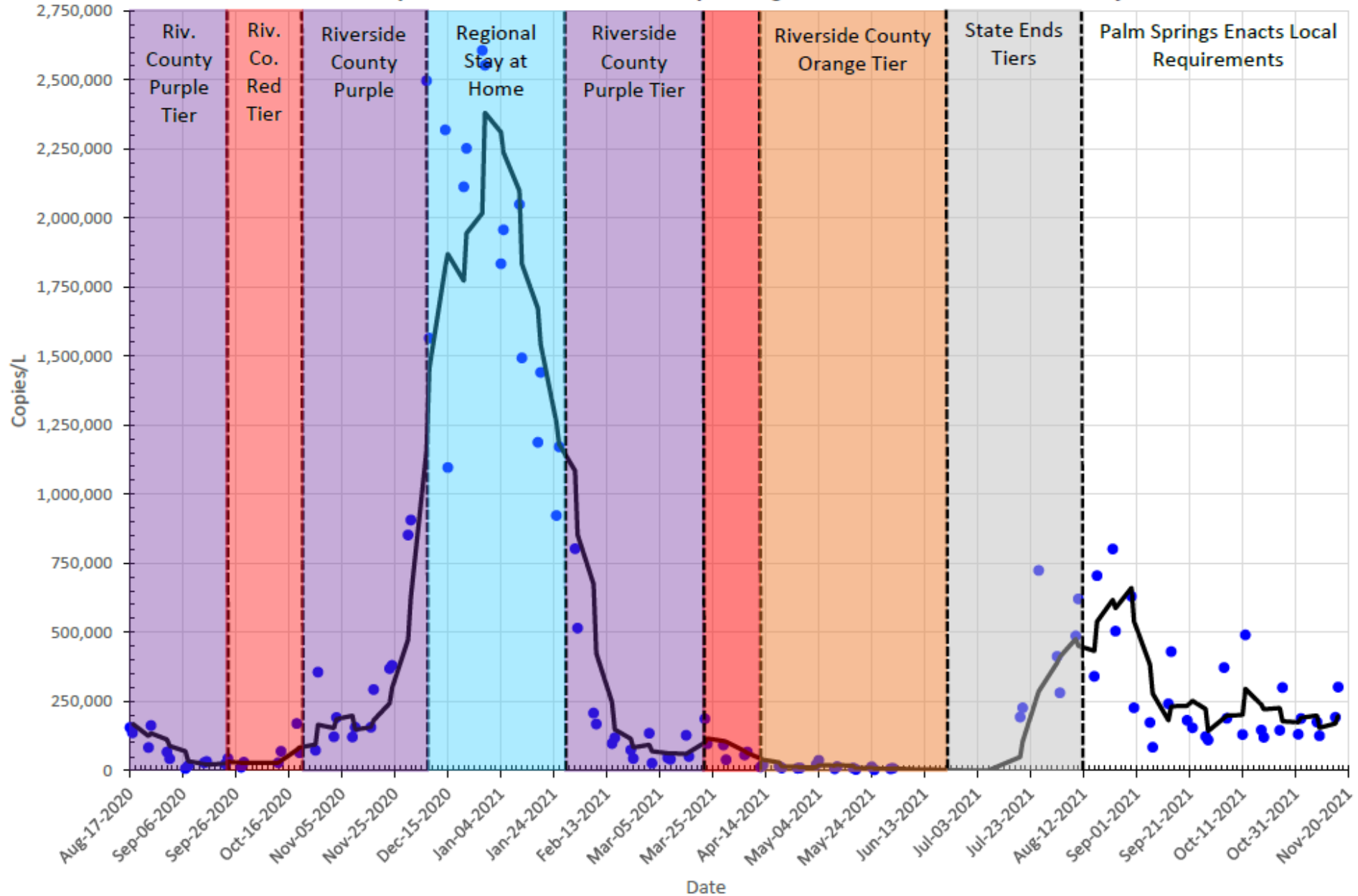
	Palm Springs	Cathedral City	Desert Hot Springs	Rancho Mirage	Palm Desert	Indian Wells	La Quinta	Indio	Coachella
Total cases / deaths	4806 / 137	8412 / 131	5175 / 85	1423 / 53	5098 / 136	250 / 8	4466 / 69	14,636/244	8662 / 110
11/16 to 11/22	36 / 1	24 / 2	26 / 2	5 / 0	36 / 5	4 / 1	19 / 0	92 / 1	34 / 2



City of Palm Springs Wastewater Treatment Plant

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

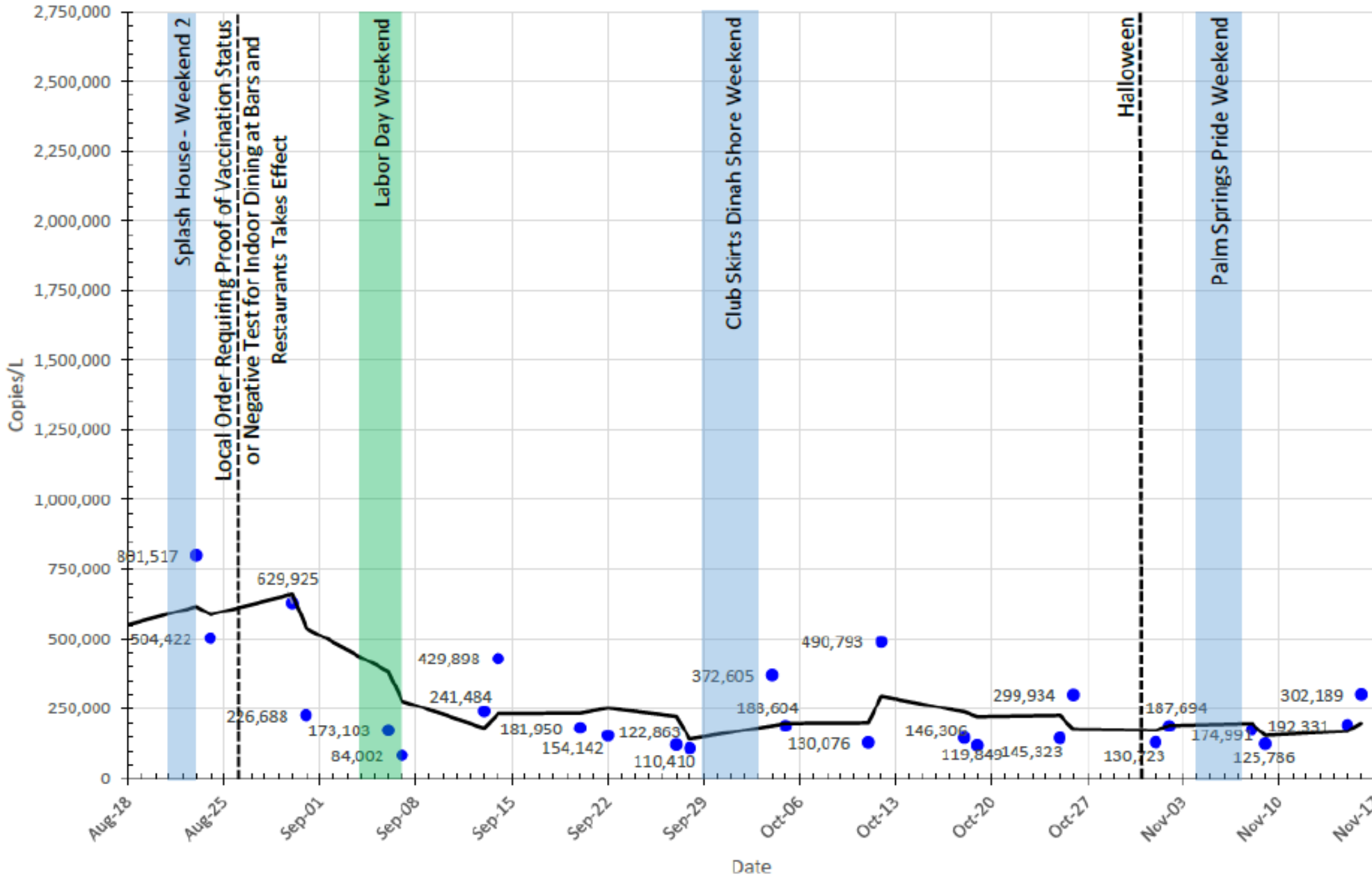
Data Compared to California Reopening Tiers for Riverside County



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
10/4/2021	372,605
10/5/2021	188,604
10/11/2021	130,076
10/12/2021	490,793
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

Account Name: Veolia - City of Palm Springs
 GTID: 15804

Account No: 33
 Internal Location ID:

Customer Provided Information:	
Location Identifier:	Palm Springs WWTP
Sample Collection Date:	11/16/2021 9:00:00 AM to 11/17/2021 9:00:00 AM
Sampling Method:	Flow-proportional 24-hr composite
Average influent flow over sample period (MGD):	4.936

SARS-CoV-2 in Sample	
DETECTED	
Viral Copies per Liter of Wastewater (recovery adjusted)	302,189 copies/L

Estimated COVID-19 Disease Prevalence*	
1,451 cases**	
3.30 % prevalence rate**	
Cases Estimation Range =	762 to 3,382 cases
Prevalence Rate Estimation Range =	1.73 to 7.69 %
<small>*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).</small>	
<small>**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.</small>	
<small><i>We stress that the best use of this data is to monitor 'Viral Copies/L' over time for trend analysis.</i></small>	

DATE	Estimated Cases
10/4/2021	409
10/5/2021	362
10/11/2021	532
10/12/2021	2,465
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