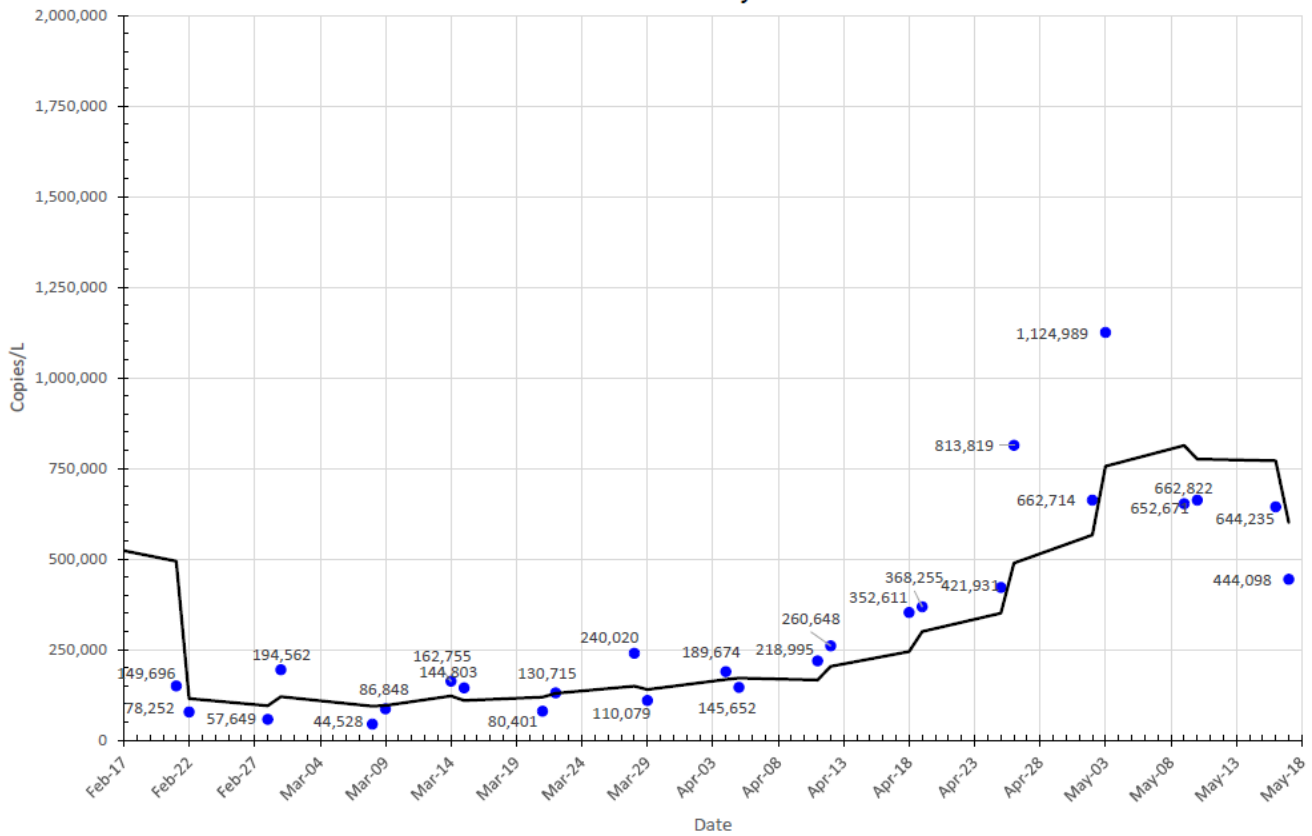


## Palm Springs Wastewater Treatment Plant COVID-19 Testing Test Results from May 16 & 17, 2022

Palm Springs is one of many agencies voluntarily sampling its wastewater for the detection of SARS-CoV-2. To do the test, the City takes 24-hour composite samples from the wastewater treatment plant and sends them via dry ice to GT Molecular, a testing laboratory in Fort Collins, Colorado, for analysis.

**City of Palm Springs Wastewater Treatment Plant  
SARS-CoV-2 Concentration - Number of Viral Copies per Liter of Wastewater  
Last 90 Days**



The number of copies/L recorded at the City’s wastewater treatment plant has decreased. The average of 657,747 copies/L from the previous week’s average has dropped to an average of 544,167 copies/L for May 16 & 17, 2022.

### Regarding Highly Transmissible Variants of Concern:

The lab is testing for the omicron variant B.1.1.529 in circulation and the BA.2 subvariant. In the sample taken on May 16, 2022, the signature mutations for the omicron variant were found in 100% of the detected covid virus. Of that, 82.9% had the signature markers for the BA.2 subvariant.

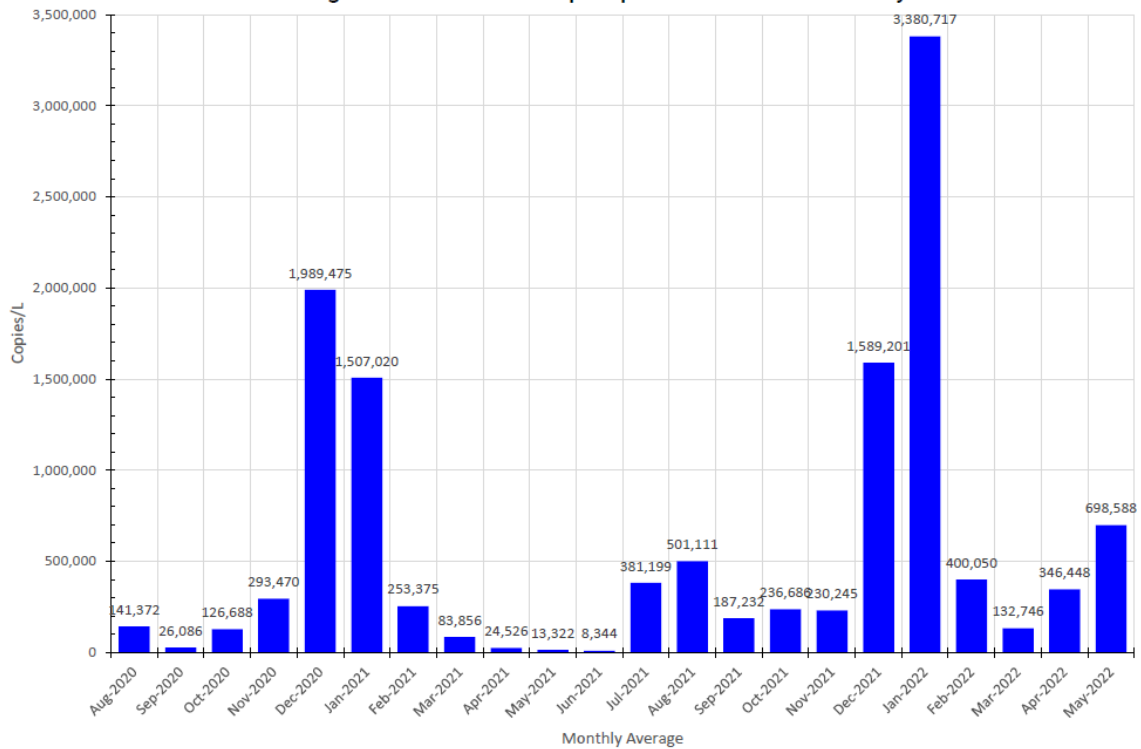
In the sample taken on May 17, 2022, the signature mutations for the omicron variant were found in 100% of the detected covid virus. There was a detection rate of 99.0% for the BA.2 subvariant in that test.

### **Tracking BA.2 subvariant**

Date	% Omicron	% BA.2
4/18/22	100%	74.9%
4/19/22	100%	88.9%
4/25/22	100%	80.8%
4/26/22	99.4%	86.9%
5/2/22	100%	81.0%
5/3/22	99.3%	90.2%
5/9/22	100%	91.0%
5/10/22	100%	82.2%
5/16/22	100%	82.9%
5/17/22	100%	99.0%

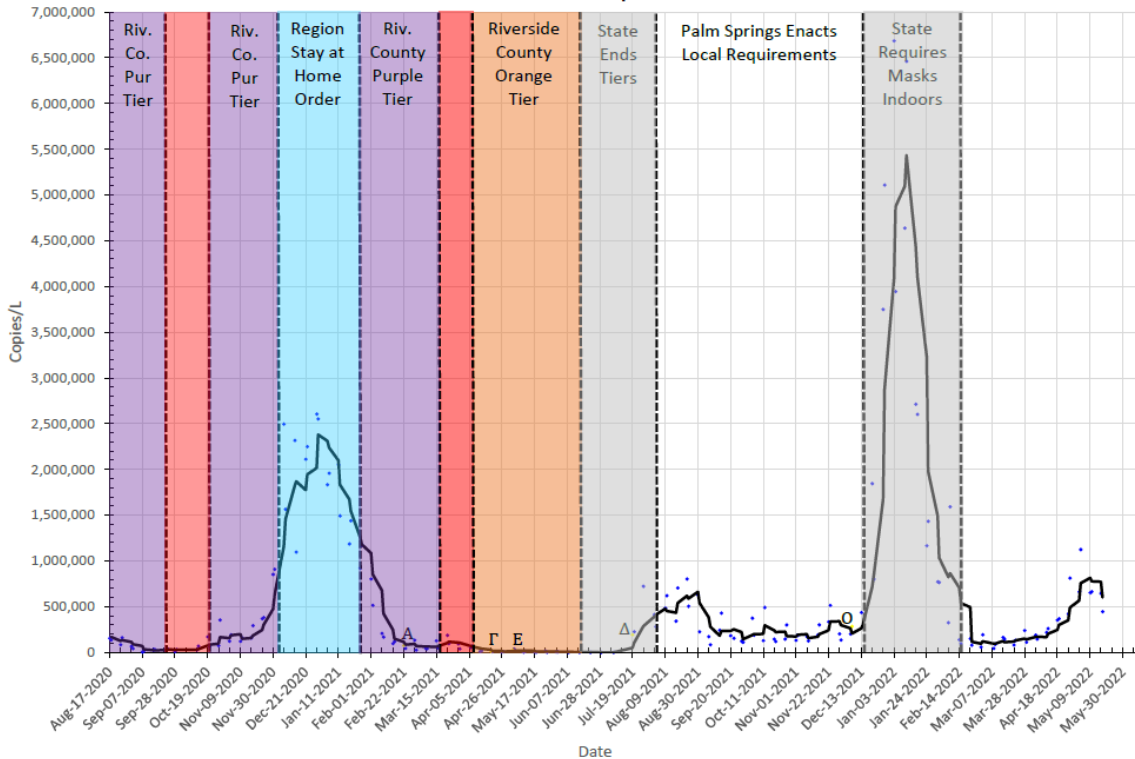
**Monthly Averages:** Here are the monthly averages since we started testing in August 2020

City of Palm Springs Wastewater Treatment Plant  
SARS-CoV-2 Concentration  
Average Number of Viral Copies per Liter of Wastewater by Month



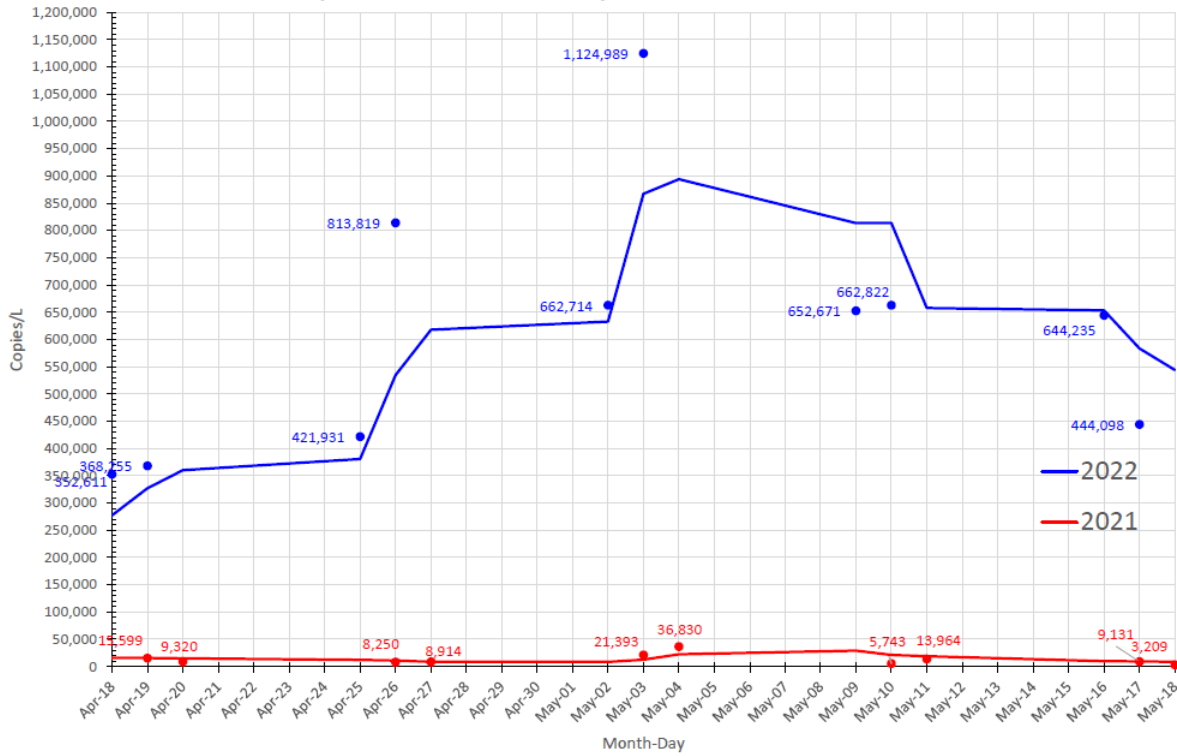
**Full Data:** Here is a historical look at the data we've collected throughout the pandemic.

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



**Other Charts:**

**City of Palm Springs Wastewater Treatment Plant  
SARS-CoV-2 Concentration - Number of Viral Copies per Liter of Wastewater  
Comparison of the Last 30 Days to the Same Period in 2021**



**City of Palm Springs Wastewater Treatment Plant  
SARS-CoV-2 Concentration - Number of Viral Copies per Liter of Wastewater  
Comparison of Past Surges**

