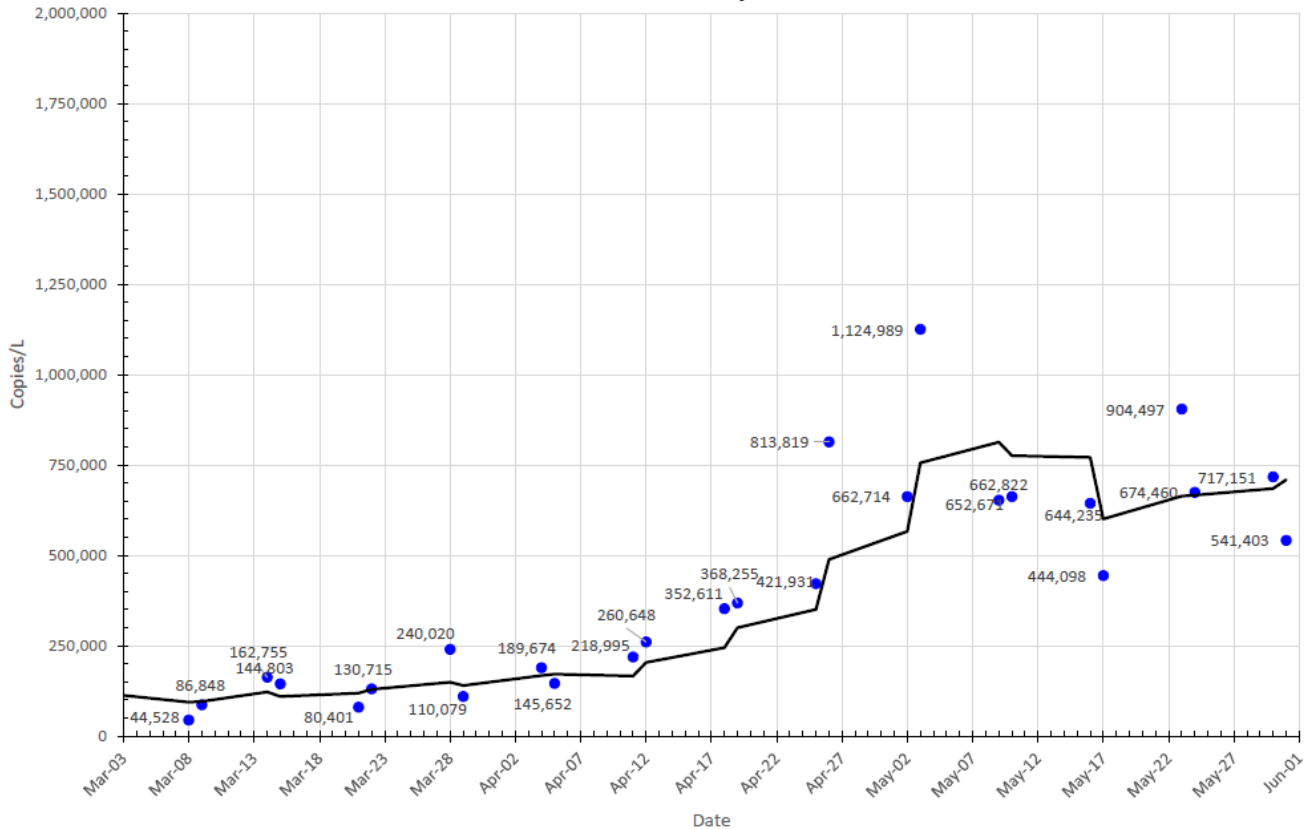


## Palm Springs Wastewater Treatment Plant COVID-19 Testing Test Results from May 30 & 31, 2022

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 average number of copies/L recorded at the City’s wastewater treatment plant has decreased. The average of 789,479 copies/L from the previous week’s average has gone down to an average of 629,277 copies/L for May 30 & 31, 2022.

### Regarding Highly Transmissible Variants of Concern:

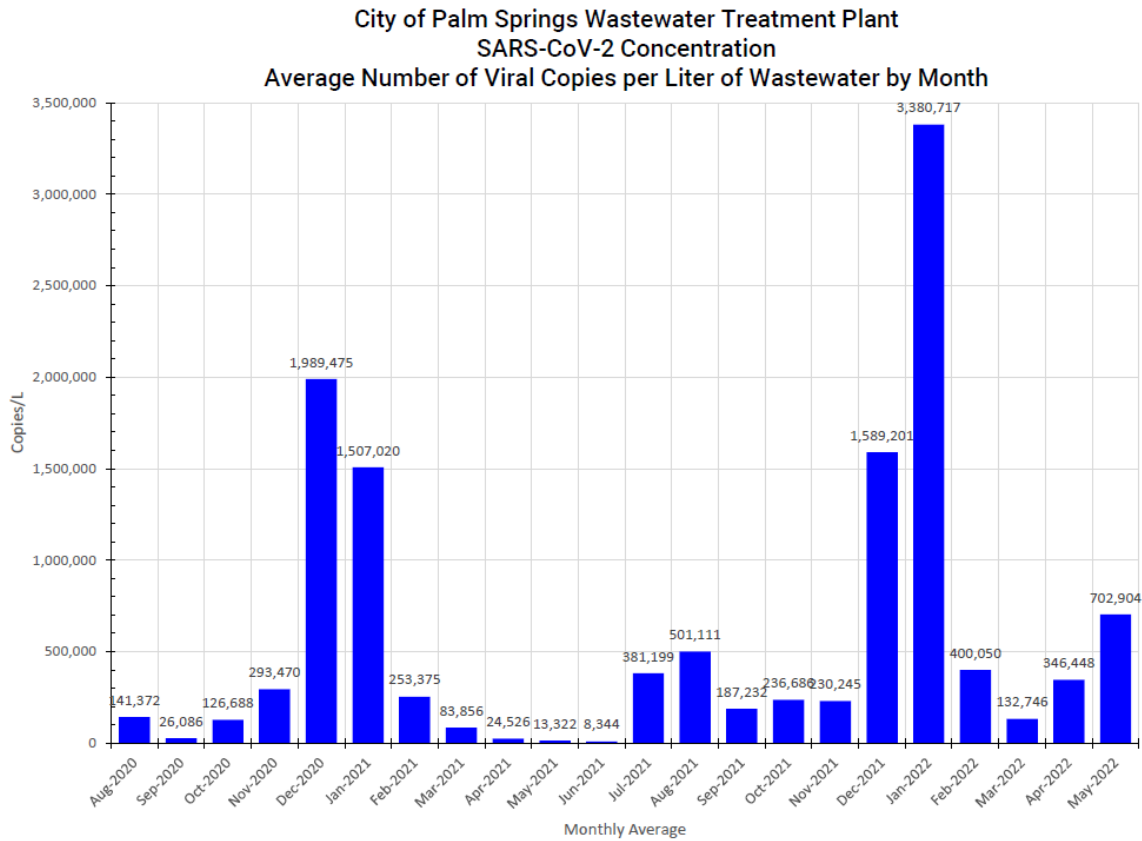
The lab is testing for the omicron variant B.1.1.529, the BA.2 subvariant and now the presence of the BA.2.12.1 subvariant. The signature markers for the BA.2.12.1 subvariant is showing up in 65.6% and 73.5% of the measured SARS-CoV-2 in the wastewater samples taken on May 30<sup>th</sup> and May 31<sup>st</sup> respectively.

This means this is now the dominate subvariant in circulation.

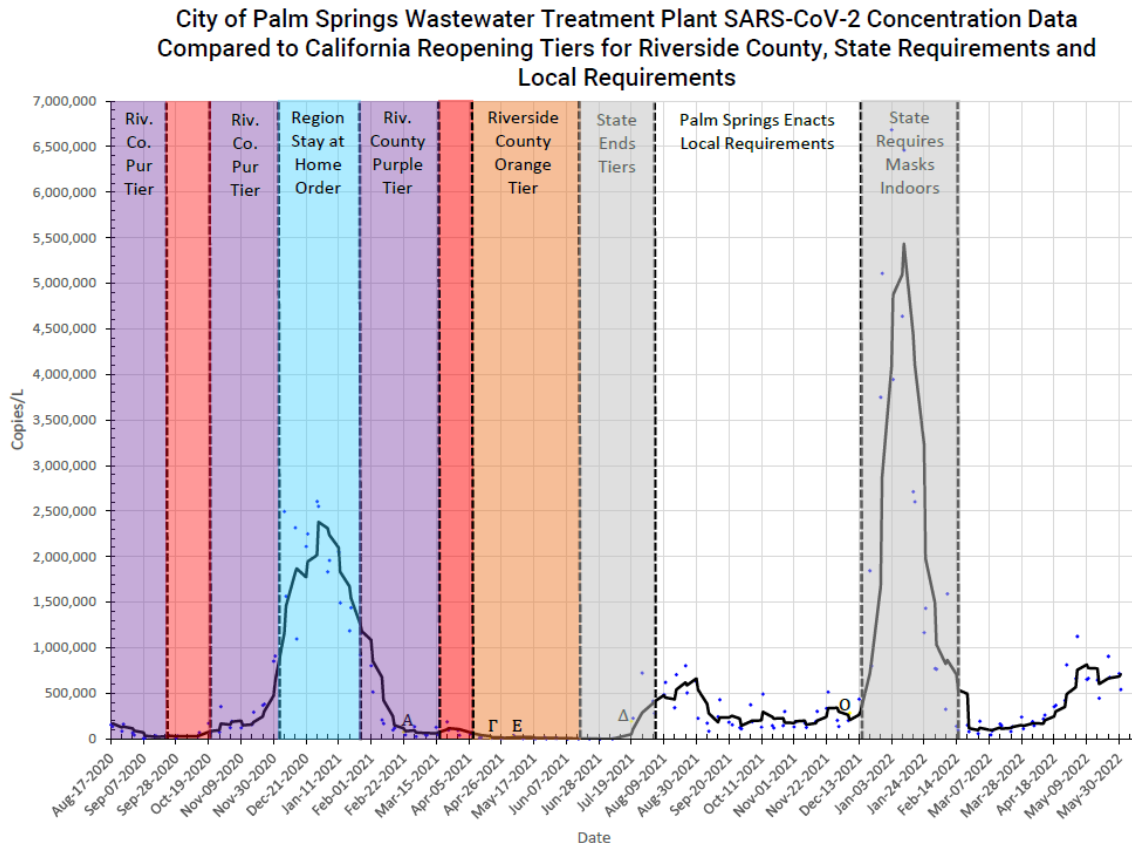
### **Tracking BA.2 subvariant**

Date	% Omicron	% BA.2
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%
5/23/22	100%	63.6%
5/24/22	98.8%	84.4%
5/30/22	100%	88.9%
5/31/22	100%	83.2%

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

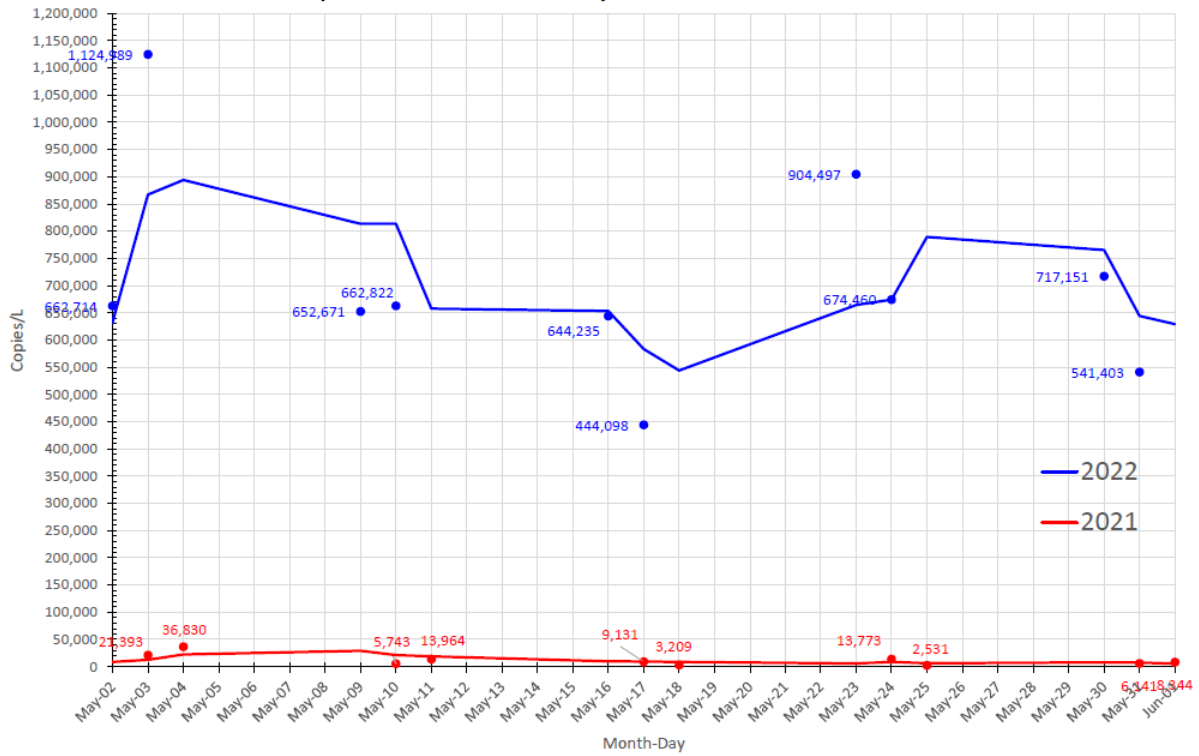


**Full Data:** Here is a historical look at the data we've collected throughout the pandemic.



**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

