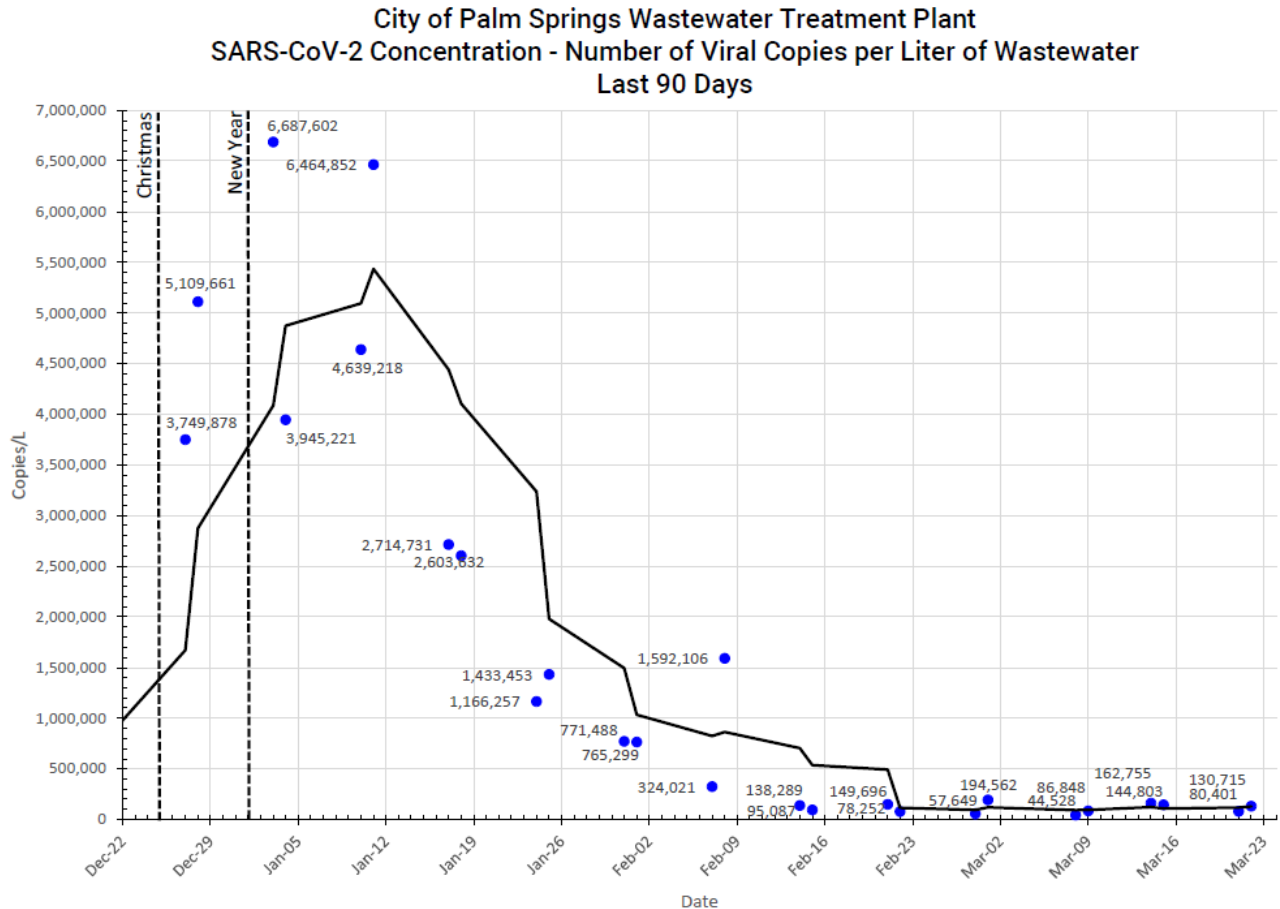


## Palm Springs Wastewater Treatment Plant COVID-19 Testing Test Results from March 21 & 22, 2022

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.



The number of copies recorded at the City’s wastewater treatment plant has decreased. As shown in the chart above the trendline has been flat for the past month.

Tracking BA.2 subvariant

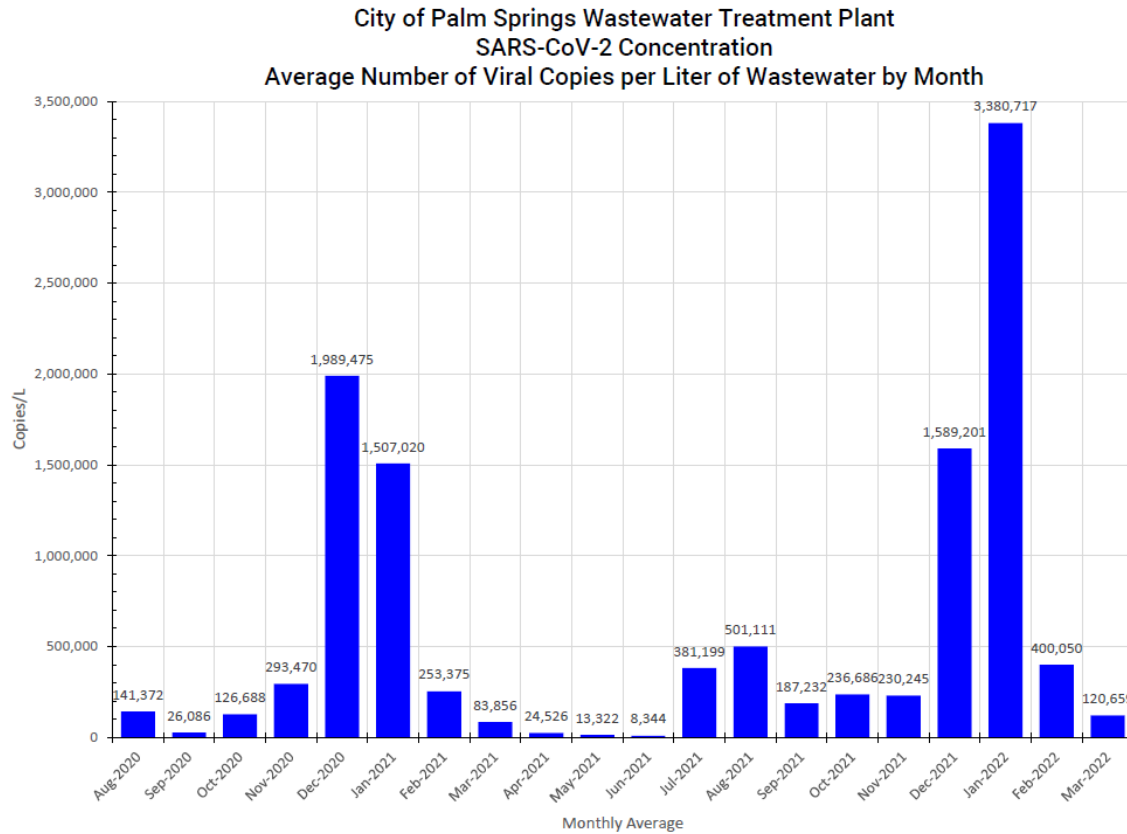
### Regarding Highly Transmissible Variants of Concern:

The lab is testing for the omicron variant B.1.1.529 in circulation and the BA.2 subvariant. In the sample taken on March 21, 2022, the signature mutations for the omicron variant was found in 70% of the detected covid virus. There was a detection rate of 45.6% of the BA.2 subvariant in that test.

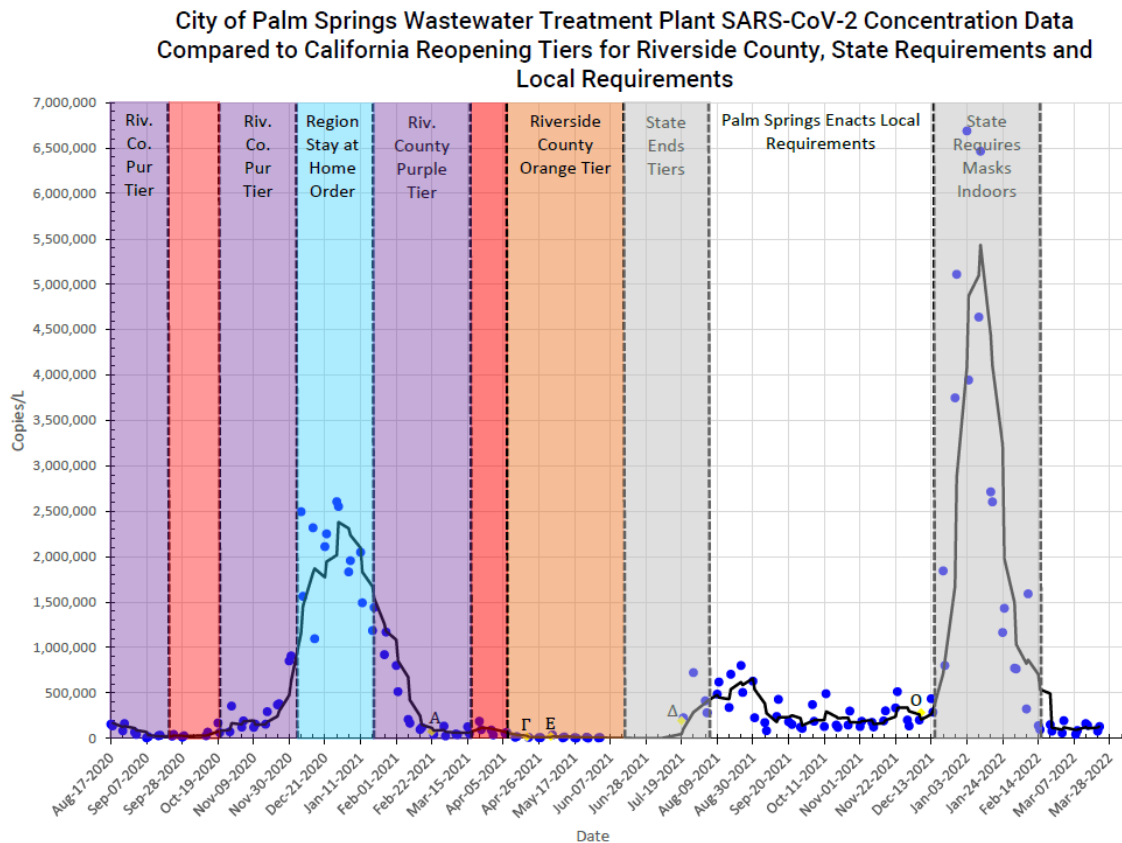
In the sample taken on March 22, 2022, the signature mutations for the omicron variant was found in 100% of the detected covid virus. There was a detection rate of 46.5% of the BA.2 subvariant in that test.

Date	% Omicron	% BA.2
2/21/22	100%	3.5%
2/22/22	100%	0%
2/28/22	100%	0%
3/1/22	100%	42.8%
3/7/22	100%	36.5%
3/8/22	100%	36.7%
3/14/22	93.6%	8.8%
3/15/22	100%	33.4%
3/21/22	70%	45.6%
3/22/22	100%	46.5%

**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.



# 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 2020-2021

