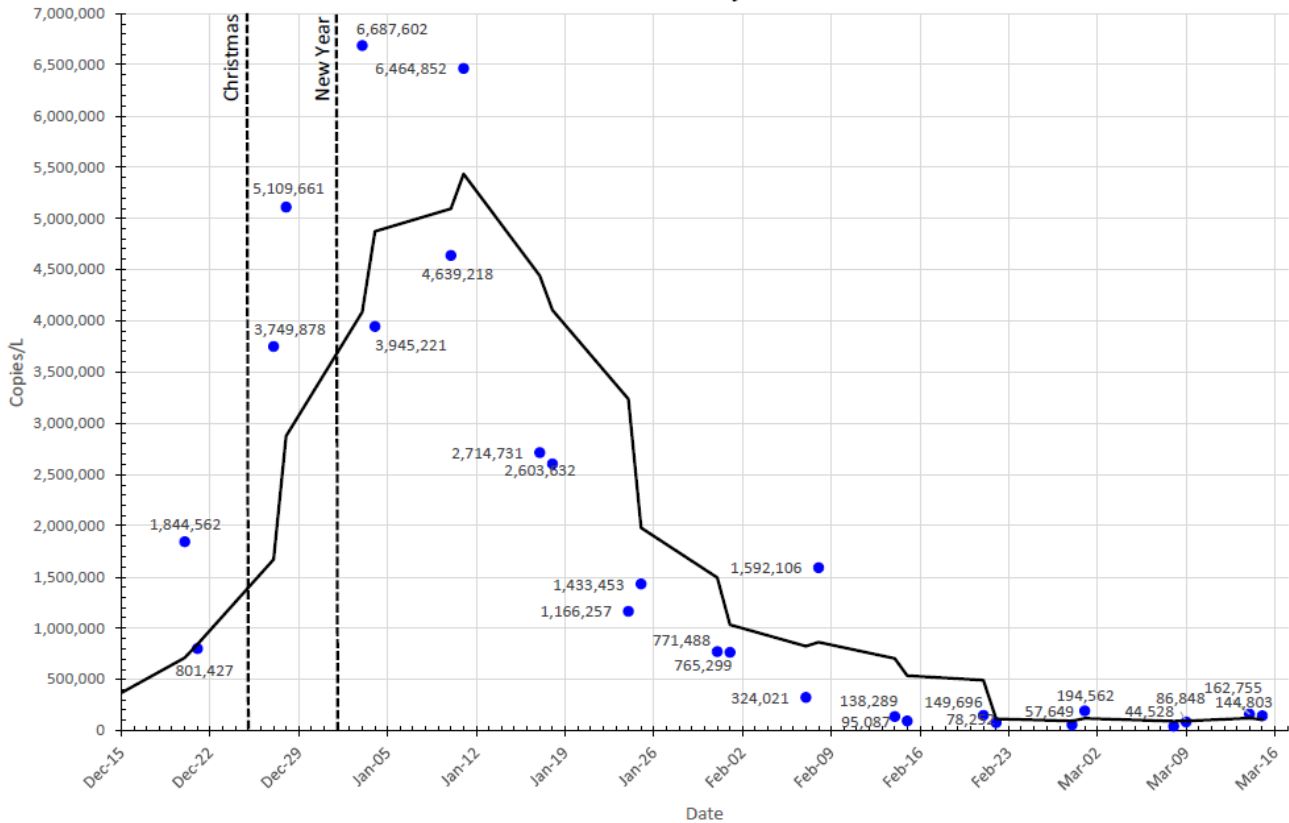


Palm Springs Wastewater Treatment Plant COVID-19 Testing Test Results from March 14 & 15, 2022

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 recorded at the City’s wastewater treatment plant has increased, but still like what we have been seeing over the past month. The high in past few weeks was 194,562 copies/L on March 1, 2022, and the low was 44,528 copies/L on March 8, 2022. The reported 162,755 copies/L measured on March 14, 2022, and 144,803 copies/L measured on March 15, 2022, are still within that range. The chart above shows a relatively flat trendline.

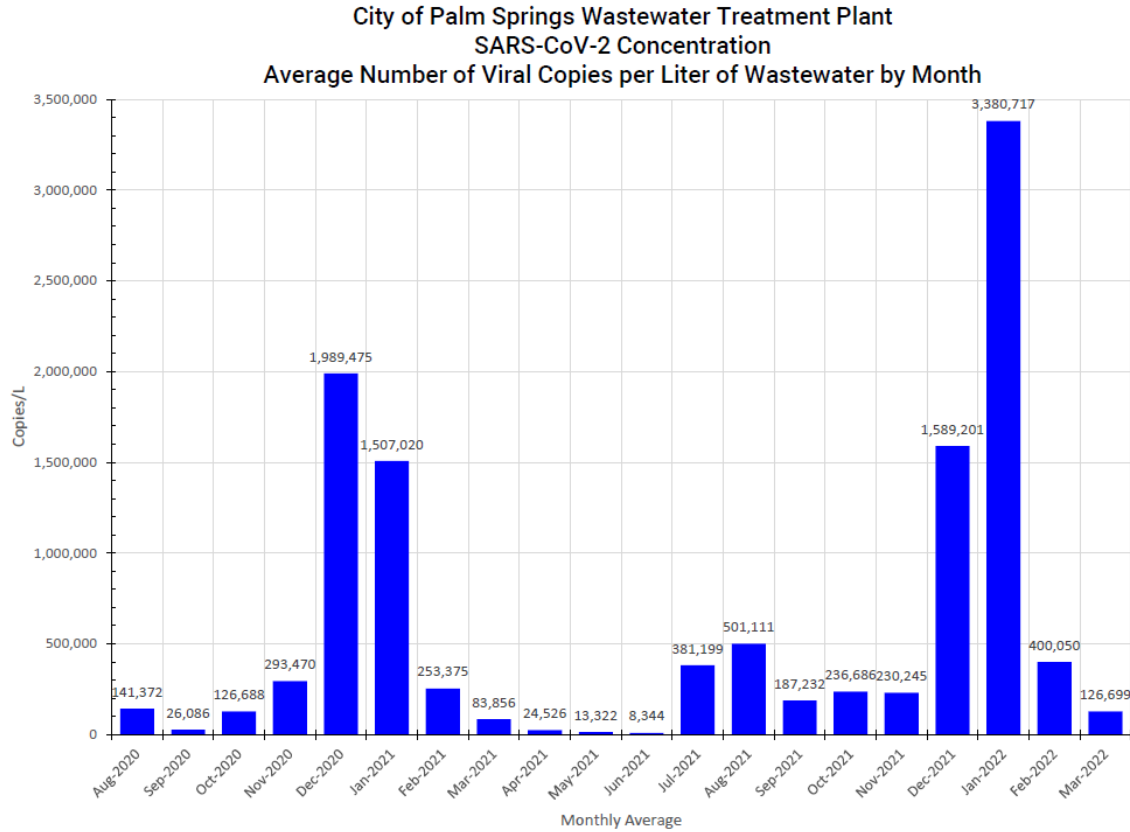
Regarding Highly Transmissible Variants of Concern:

The lab is testing for the original omicron variant B.1.1.529 in circulation and the BA.2 subvariant. In the sample taken on March 14, 2022, the signature mutations for the omicron variant was found in 93.6% of the detected covid virus. There was a detection rate of 8.8% of the BA.2 subvariant in the measured covid virus sample. In the sample taken on March 15, 2022, the signature mutations for the omicron variant was found in 100% of the detected covid virus. There was a detection rate of 33.4% of the BA.2 subvariant in the measured covid virus sample.

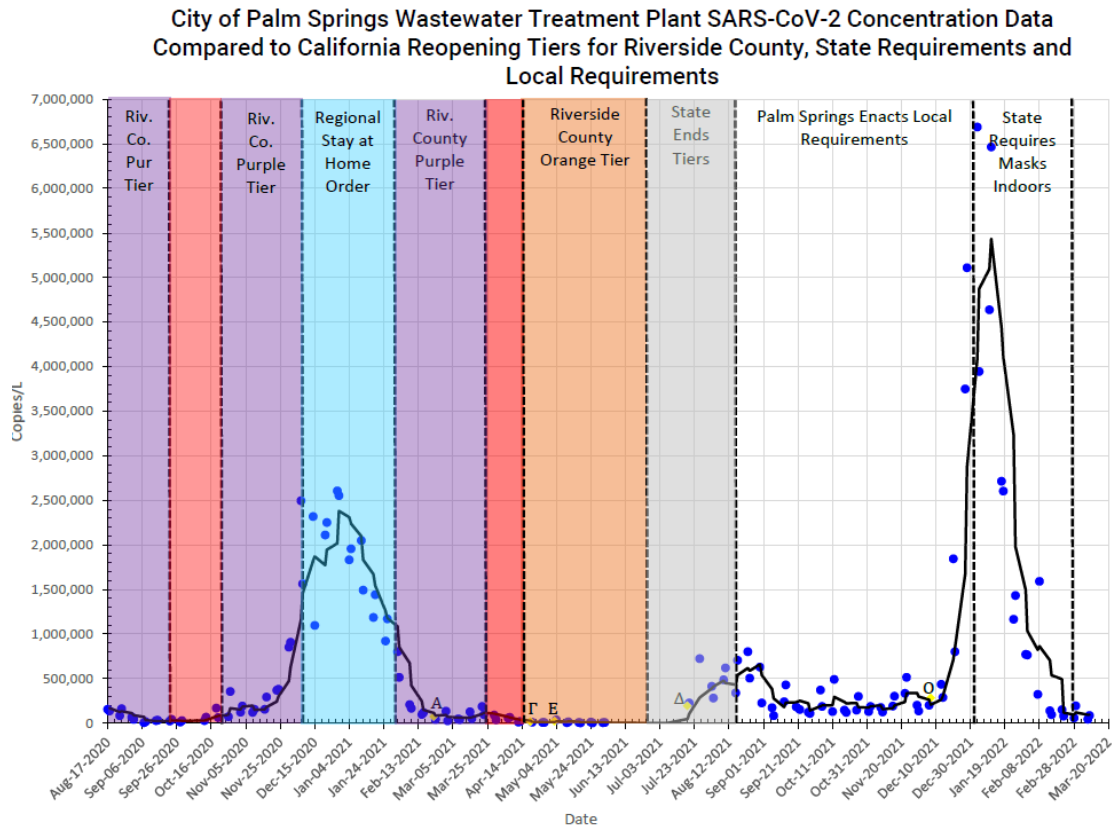
Tracking BA.2 subvariant

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%

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

