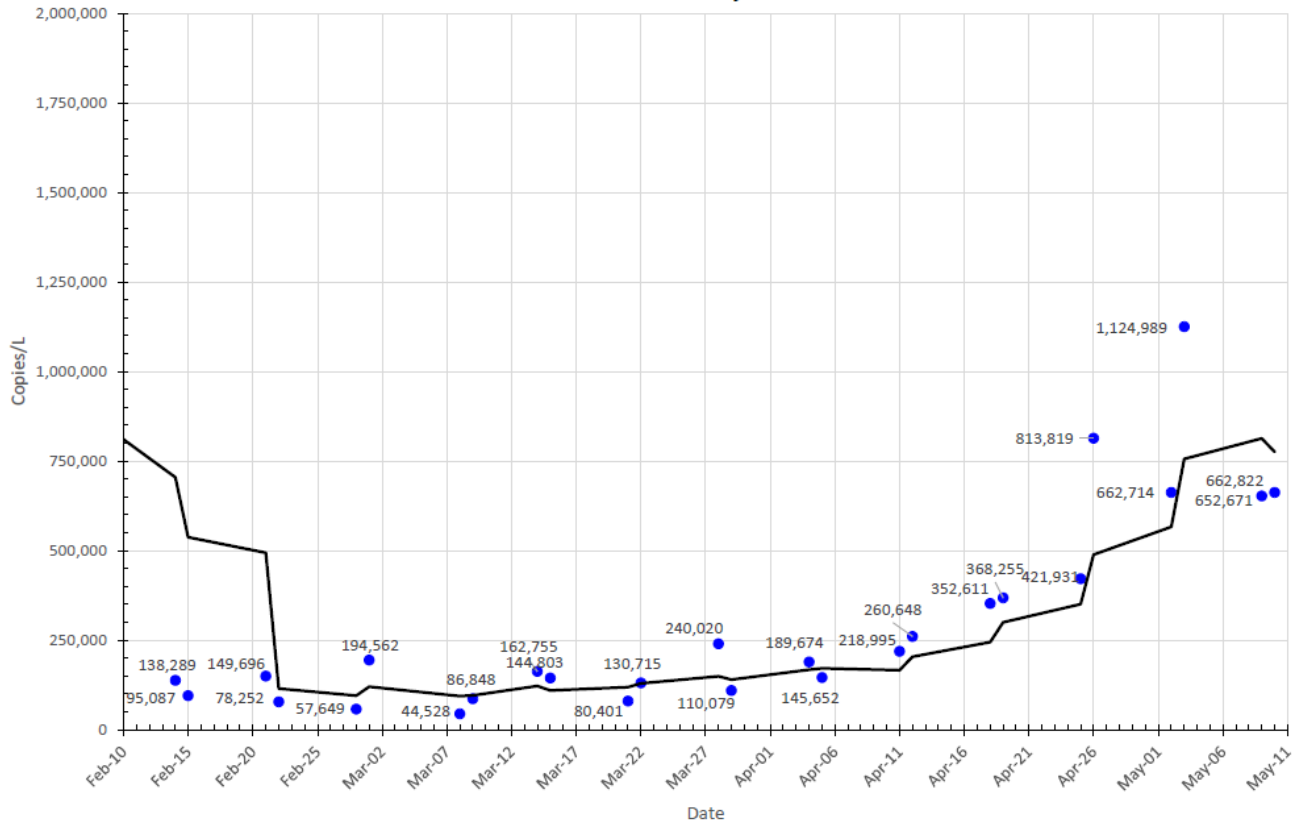


Palm Springs Wastewater Treatment Plant COVID-19 Testing Test Results from May 9 & 10, 2022

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 recorded at the City’s wastewater treatment plant has decrease. The average of 893,852 copies/L from the previous week’s average has dropped to an average of 657,747 copies/L for May 9 & 10, 2022.

Regarding Highly Transmissible Variants of Concern:

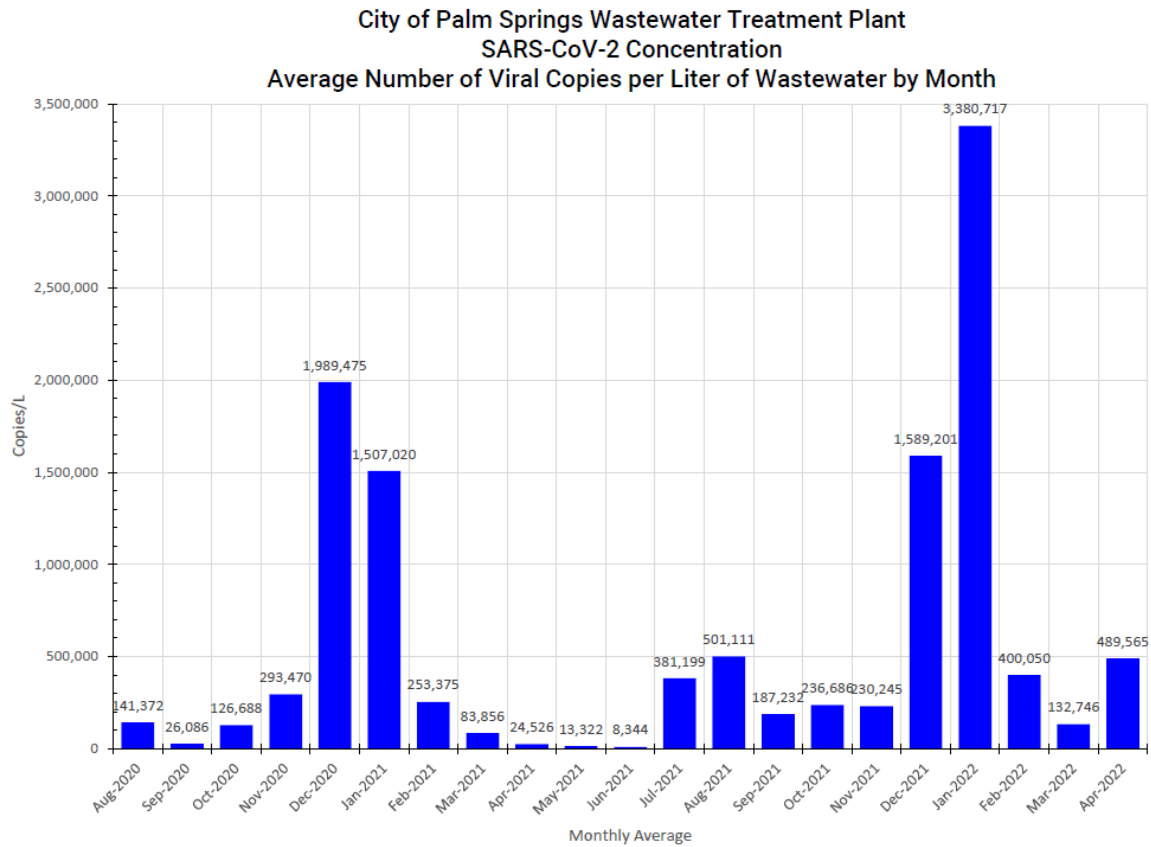
The lab is testing for the omicron variant B.1.1.529 in circulation and the BA.2 subvariant. In the sample taken on May 9, 2022, the signature mutations for the omicron variant were found in 100% of the detected covid virus. Of that, 91.0% had the signature markers for the BA.2 subvariant.

In the sample taken on May 10, 2022, the signature mutations for the omicron variant were found in 100% of the detected covid virus. There was a detection rate of 82.2% for the BA.2 subvariant in that test.

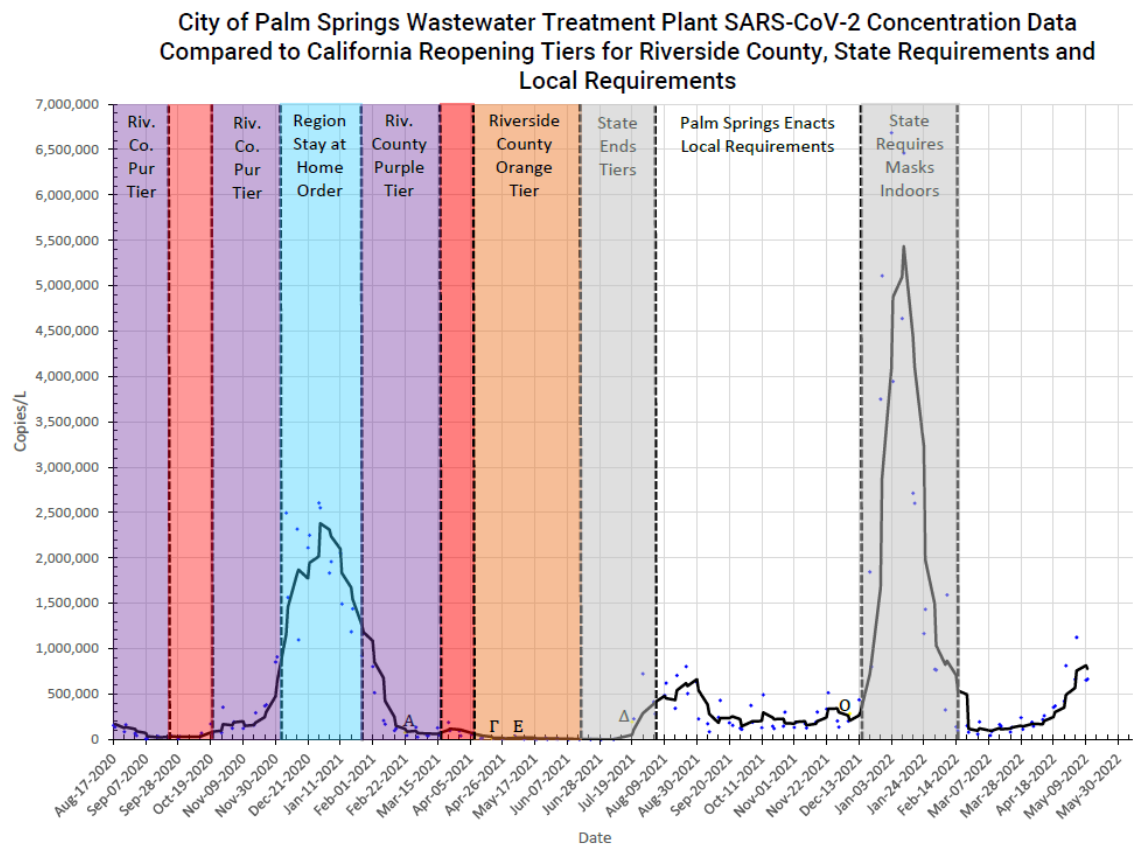
Tracking BA.2 subvariant

Date	% Omicron	% BA.2
4/11/22	100%	75.1%
4/12/22	100%	87.3%
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%

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

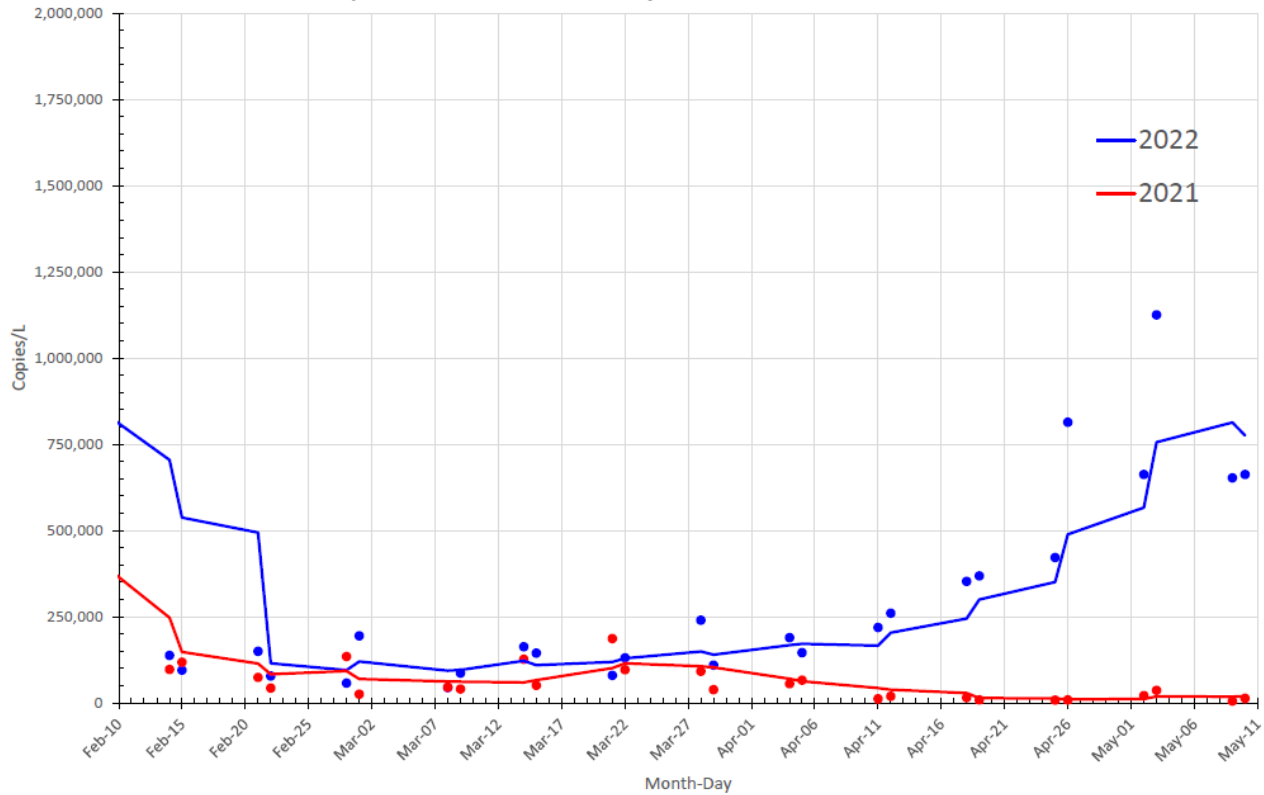


Full Data: Here is a historical look at the data we've collected throughout the pandemic.

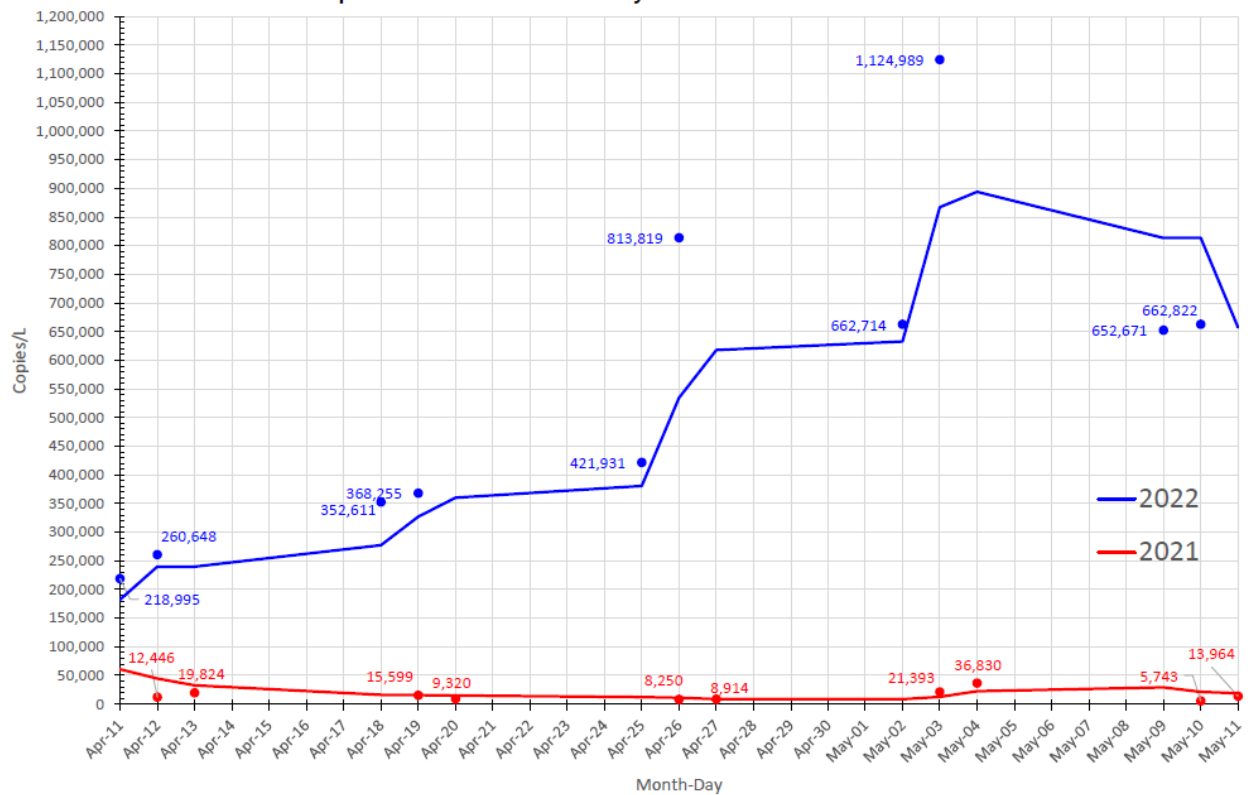


Other Charts:

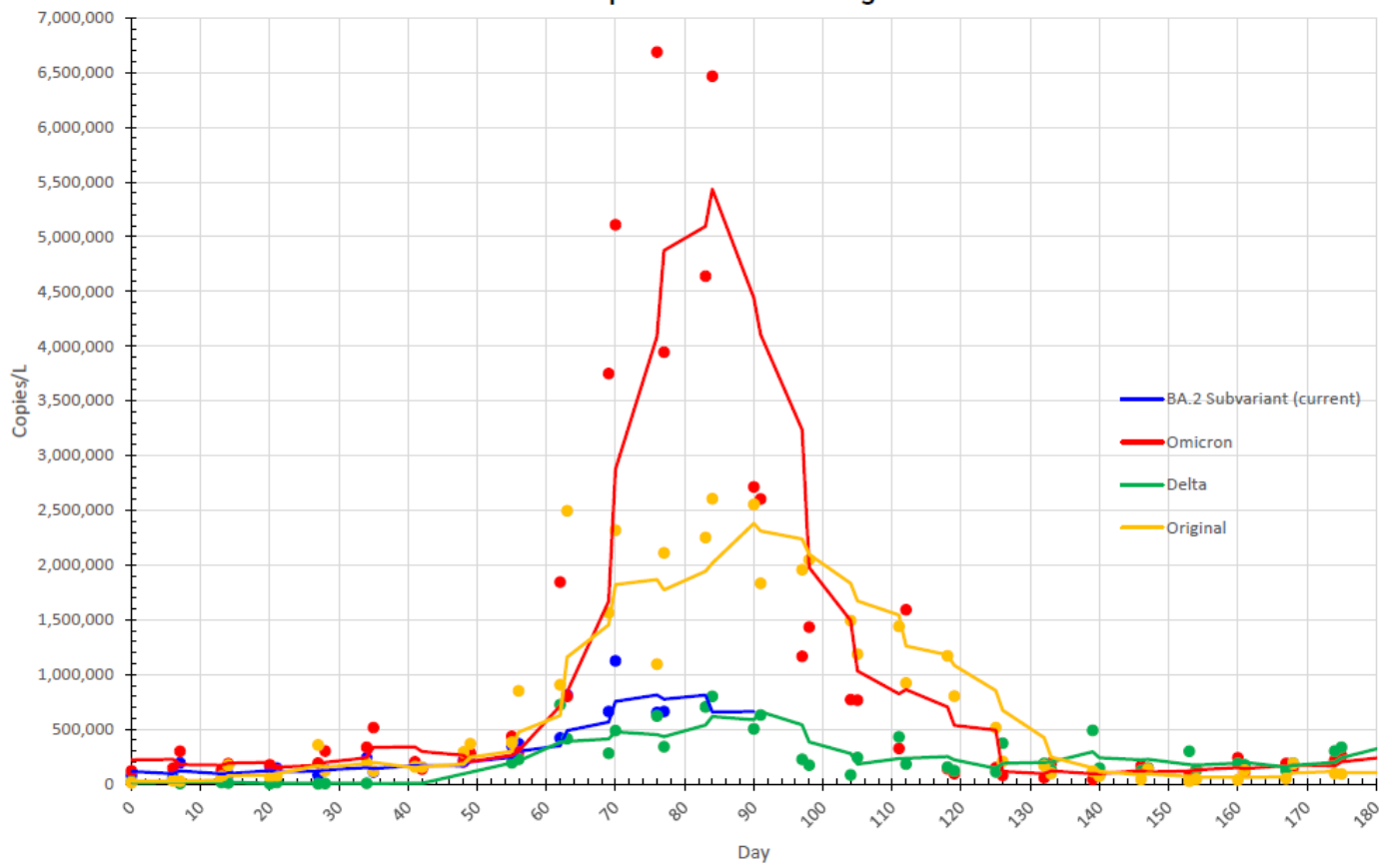
**City of Palm Springs Wastewater Treatment Plant
SARS-CoV-2 Concentration - Number of Viral Copies per Liter of Wastewater
Comparison of the Last 90 Days to the Same Period in 2021**



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



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