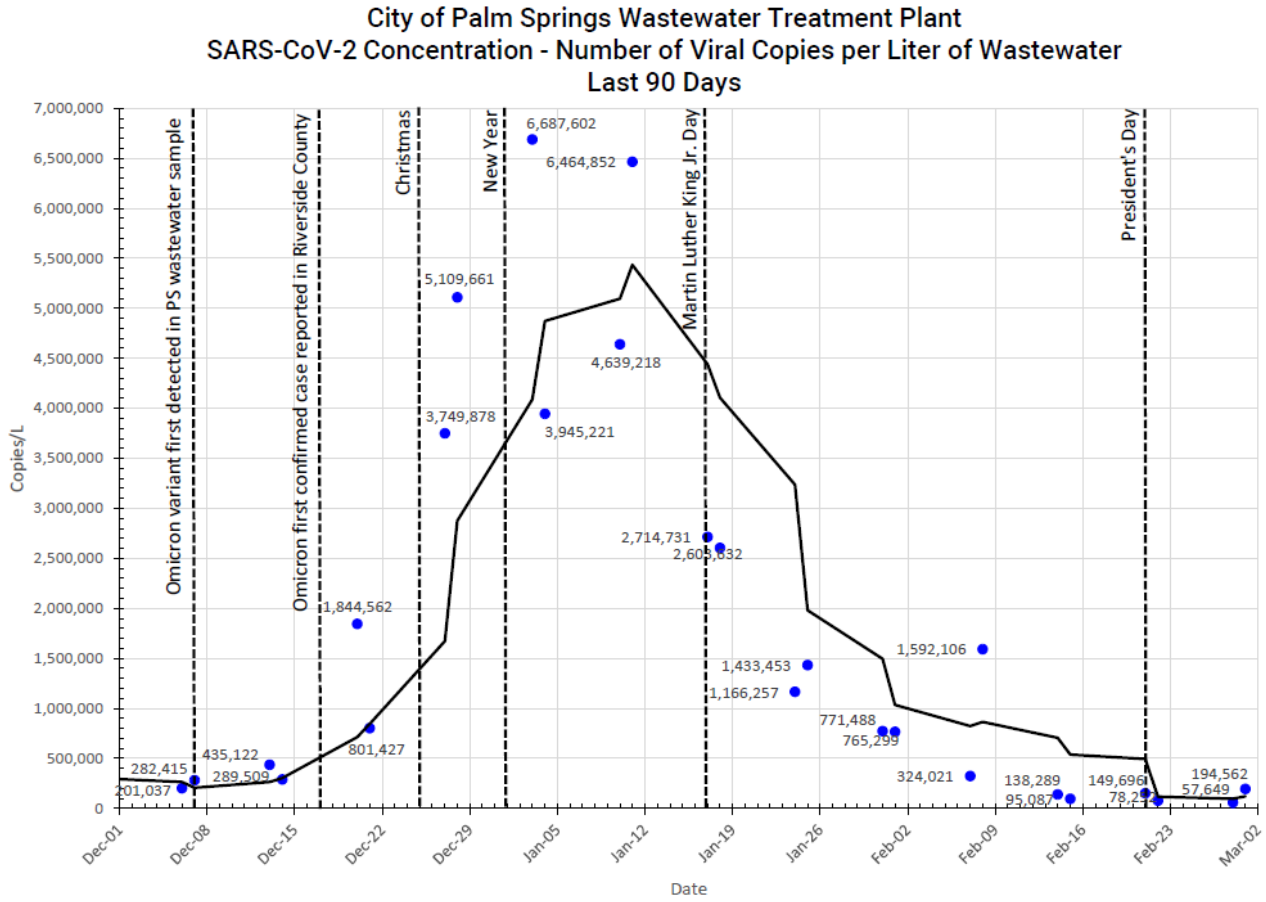
Palm Springs Wastewater Treatment Plant COVID-19 Testing
Test Results from February 28 & March 1, 2022

Palm Springs is one of many agencies voluntarily sampling its wastewater for the detection of SARS-CoV-2. A person will usually shed the virus through their waste within a day or two of infection, and then symptoms may show up five to ten days later, if any at all. 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.

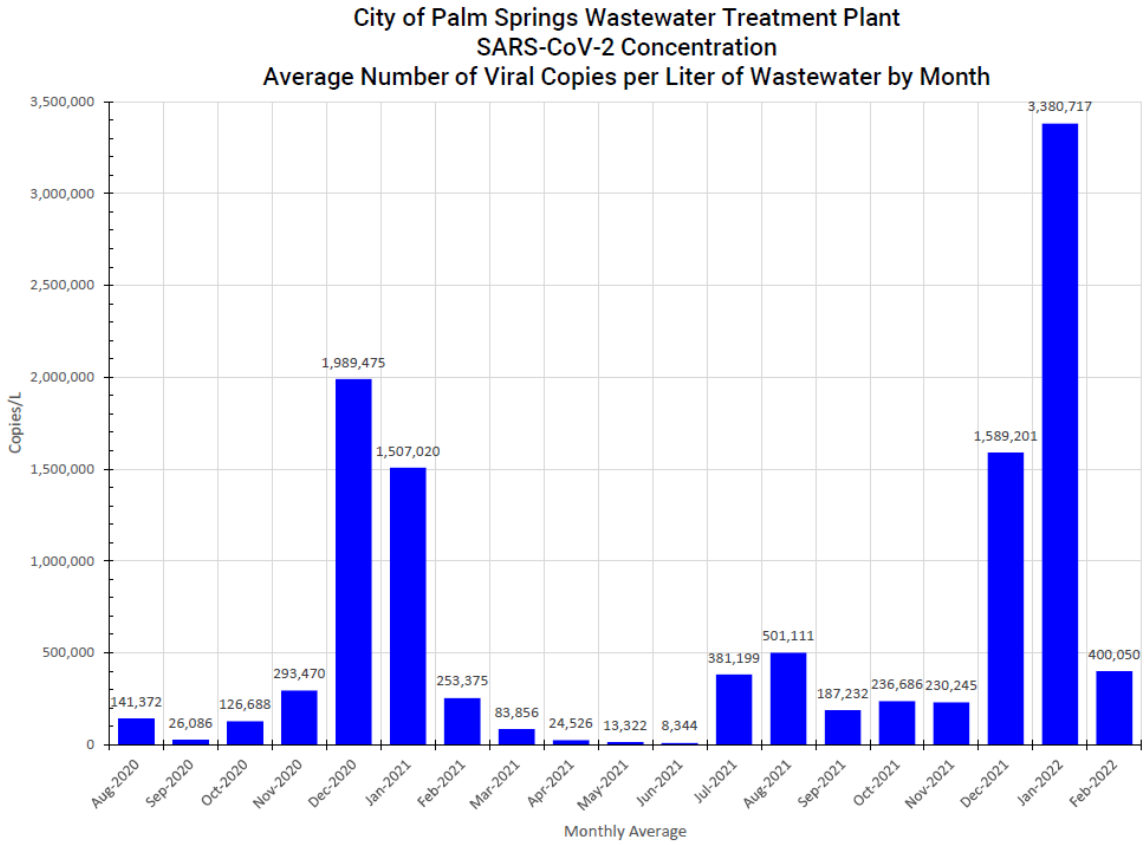


The number of copies recorded at the City's wastewater treatment plant has increased. The average for the past few weeks were 116,688 copies/L, 113,974 copies/L and 126,106 copies/L last week.

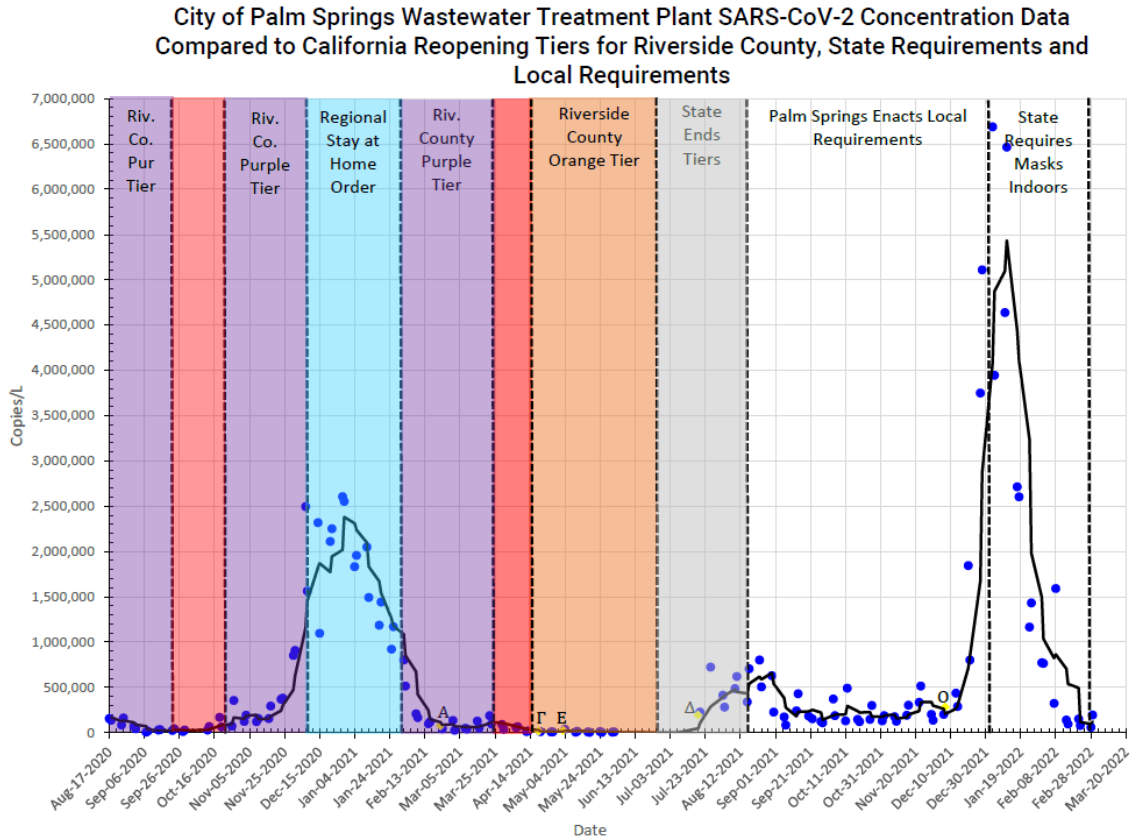
<u>Regarding Highly Transmissible Variants:</u>

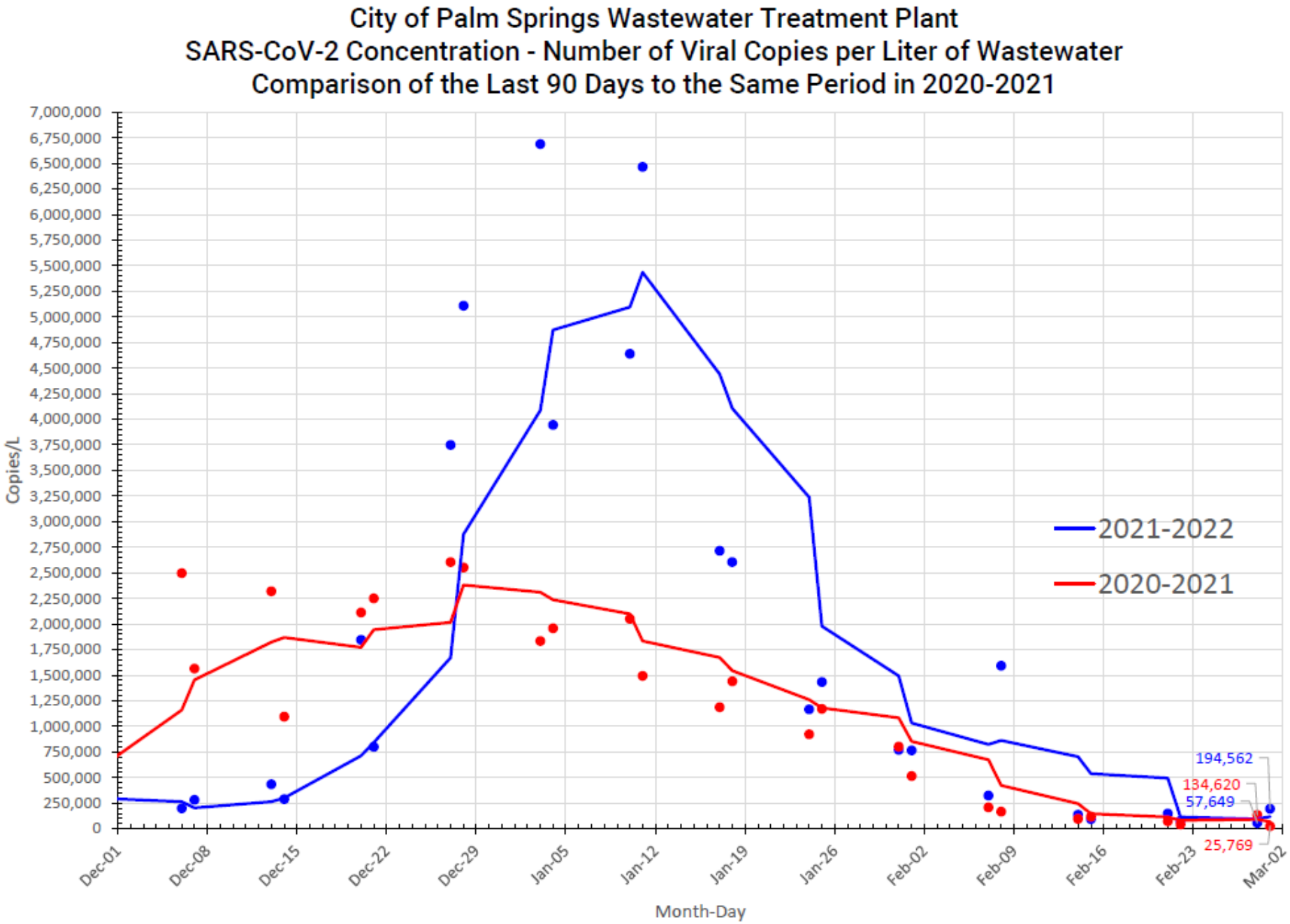
The lab is testing for the omicron BA.2 subvariant in addition to the original omicron variant B.1.1.529 in circulation. In the samples taken on February 28, 2022, and March 1, 2022, found the signature mutations for the omicron variant in 100% of the detected covid virus on both days. There was no detection of the BA.2 subvariant on the first day, however in the samples taken the next day, 42.8% of the measured covid virus had the signature markers for the BA.2 subvariant in the sample.

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
Copies/L
7,000,000
6,750,000
6,500,000
6,250,000
6,000,000
5,750,000
5,500,000
5,250,000
5,000,000
4,750,000
4,500,000
4,250,000
4,000,000
3,750,000
3,500,000
3,250,000
3,000,000
2,750,000
2,500,000
2,250,000
2,000,000
1,750,000
1,500,000
1,250,000
1,000,000
750,000
500,000
250,000
0
Dec-01
Dec-08
Dec-15
Dec-22
Dec-29
Jan-05
Jan-12
Jan-19
Jan-26
Feb-02
Feb-09
Feb-16
Feb-23
Mar-02
Month-Day
2021-2022
2020-2021
194,562
134,620
57,649
25,769

# # #