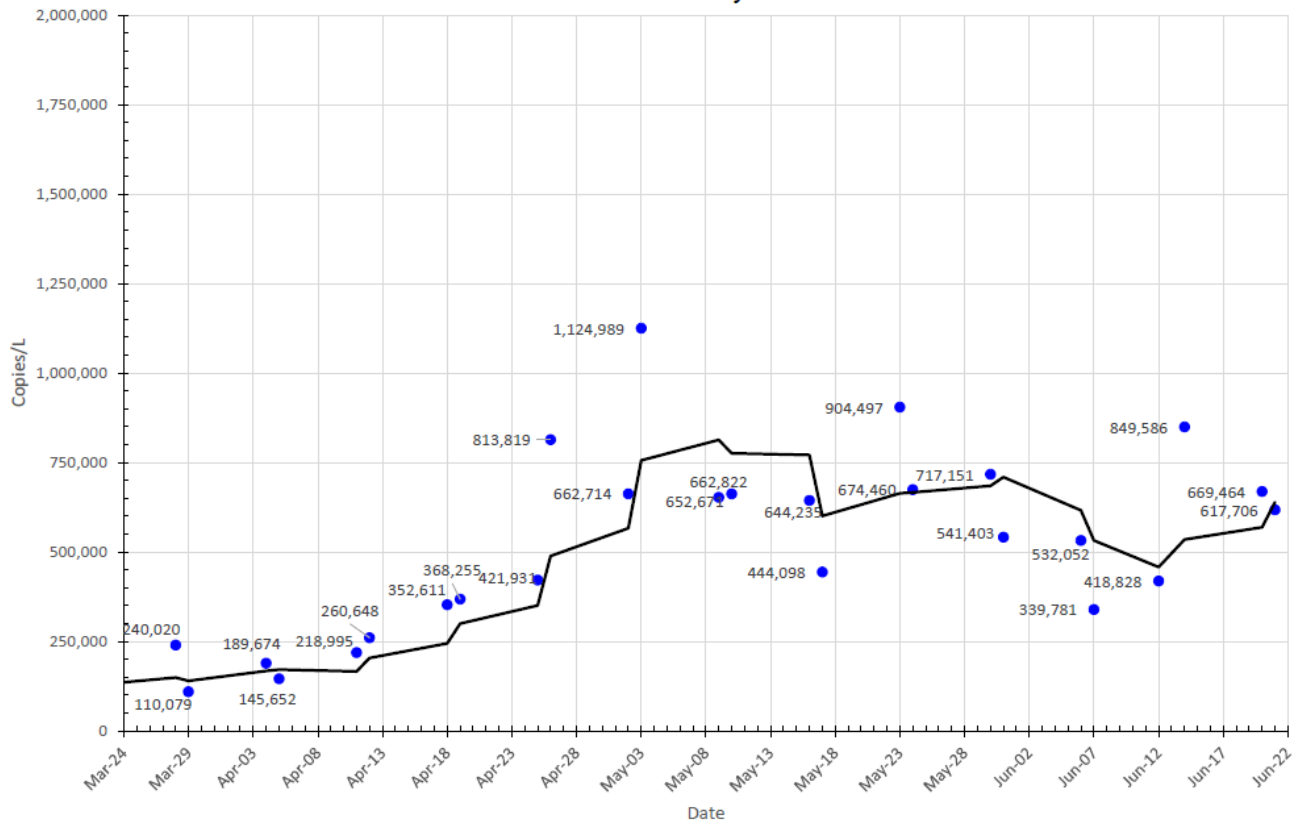


Palm Springs Wastewater Treatment Plant COVID-19 Testing Test Results from June 20 & 21, 2022

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 increased. The average of 634,207 copies/L from the previous week’s average has slightly increased to an average of 643,585 copies/L for June 20 & 21, 2022.

Regarding Highly Transmissible Variants of Concern:

The lab is testing for the omicron variant, the BA.2 subvariant and the BA.2.12.1 subvariant.

The signature markers for the BA.2.12.1 subvariant dropped to 26.3% and 29.7% of the measured SARS-CoV-2 in the wastewater samples taken on June 20 & 21, 2022 respectively. This is a decrease from the previous week.

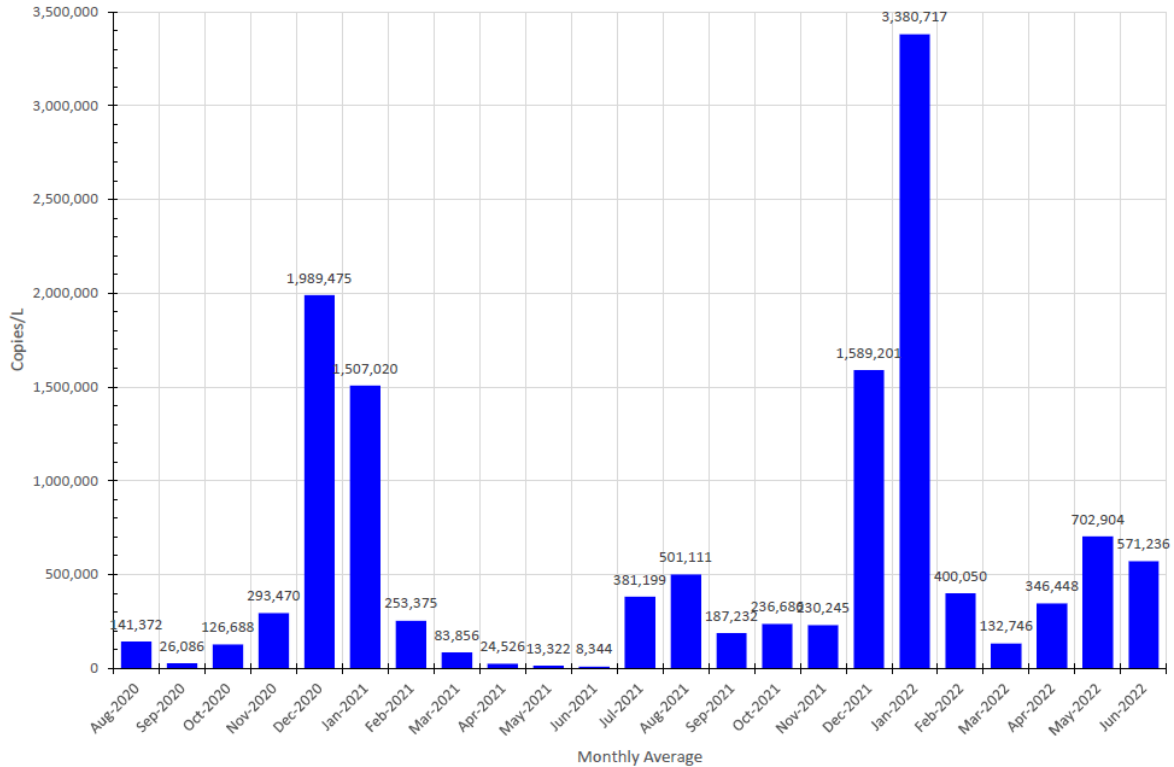
Tracking BA.2 subvariants

| Date | % Omicron | % BA.2 | %BA.2.12.1 |
|---------|-----------|--------|------------|
| 5/23/22 | 100% | 63.6% | |
| 5/24/22 | 98.8% | 84.4% | |
| 5/30/22 | 100% | 88.9% | 65.6% |
| 5/31/22 | 100% | 83.2% | 73.5% |
| 6/6/22 | 100% | 92.8% | 60.0% |
| 6/7/22 | 100% | 100% | 69.4% |
| 6/12/22 | 100% | 100% | 52.4% |
| 6/14/22 | 99.7% | 99.0% | 43.8% |
| 6/20/22 | 100% | 100% | 26.3% |
| 6/21/22 | 100% | 91.87 | 29.7% |

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

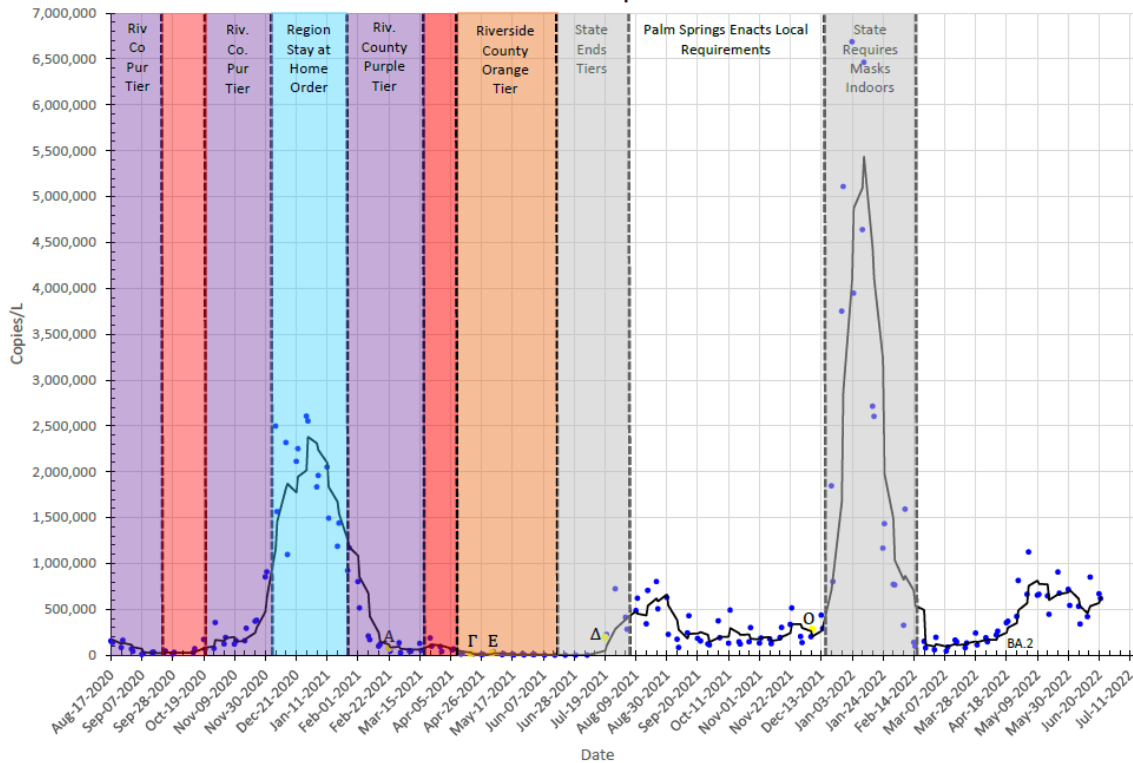
City of Palm Springs Wastewater Treatment Plant
SARS-CoV-2 Concentration

Average Number of Viral Copies per Liter of Wastewater by Month



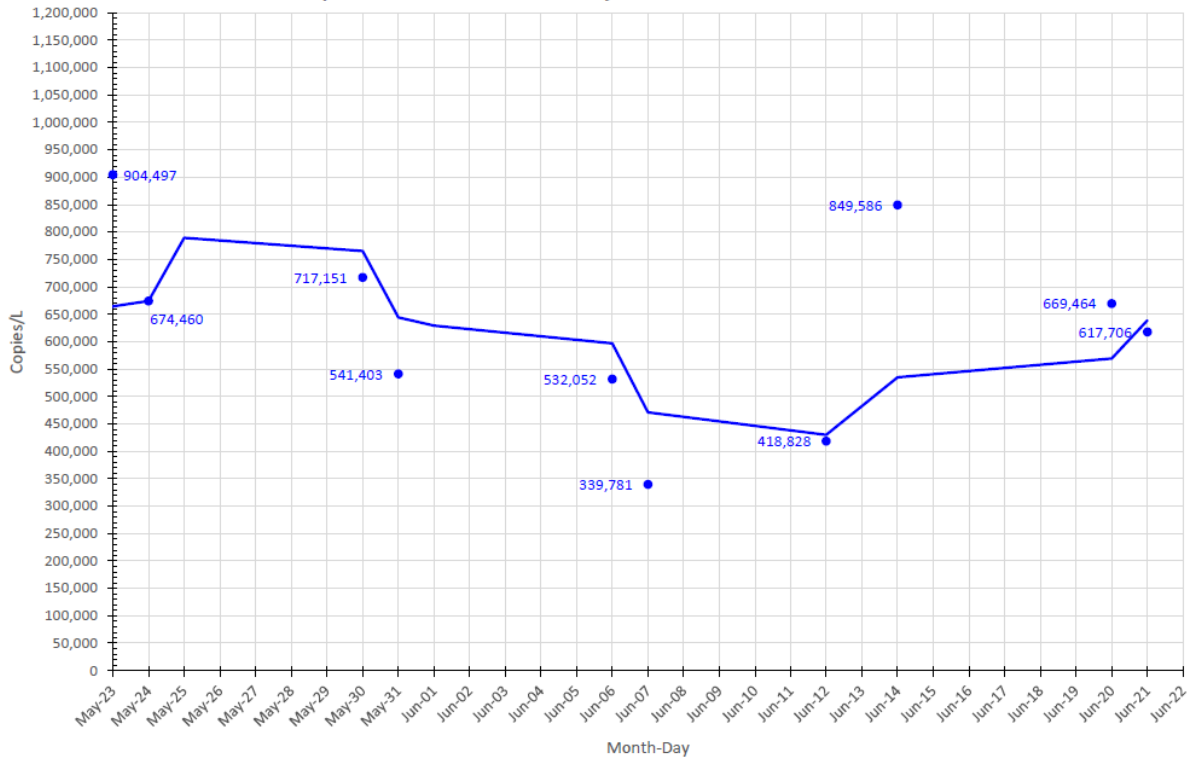
Full Data: Here is a historical look at the data we've collected throughout the pandemic.

City of Palm Springs Wastewater Treatment Plant SARS-CoV-2 Concentration Data
Compared to California Reopening Tiers for Riverside County, State Requirements and
Local Requirements



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**

