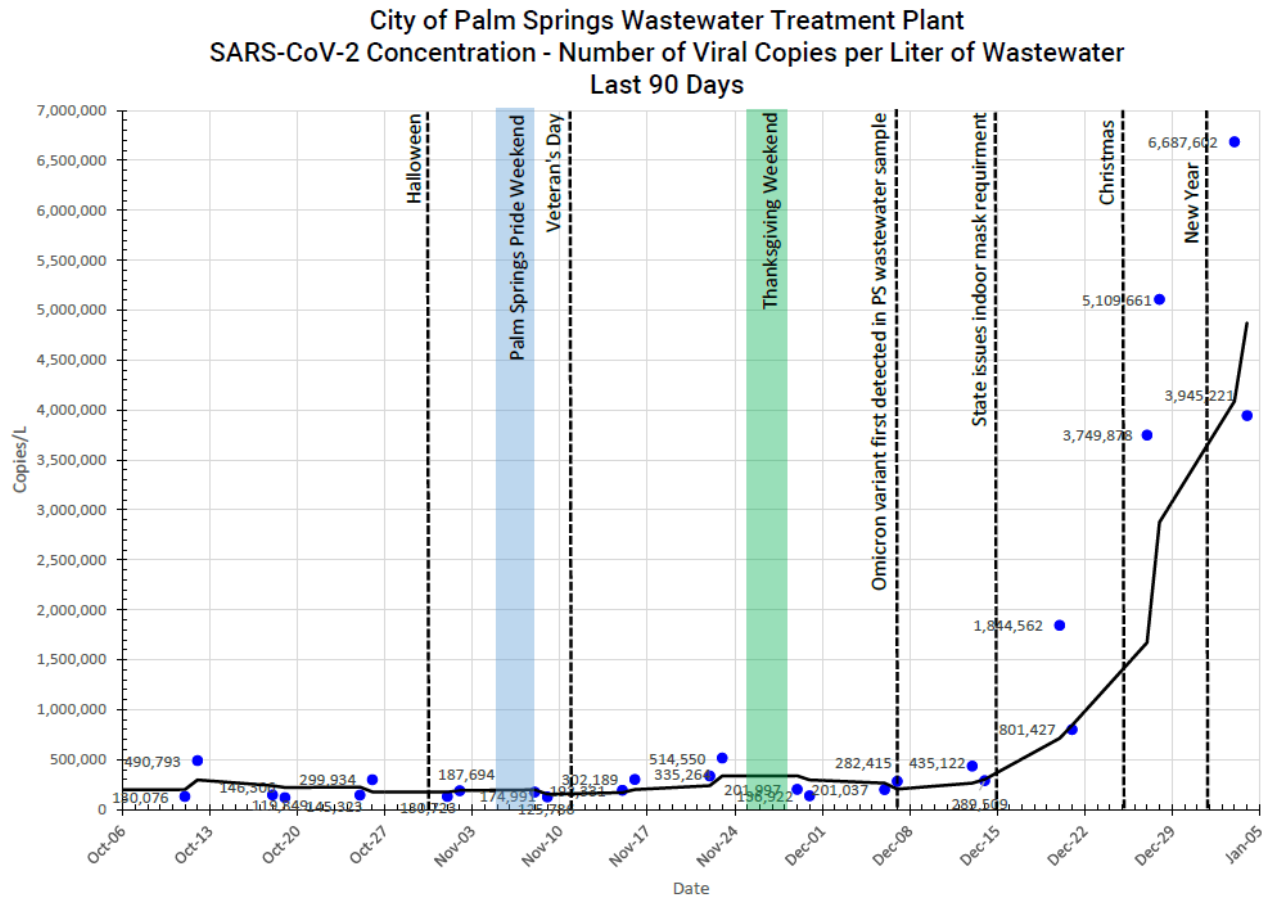


## Palm Springs Wastewater Treatment Plant COVID-19 Testing Test Results from January 3 & 4, 2022

Updated with results from January 4, 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.

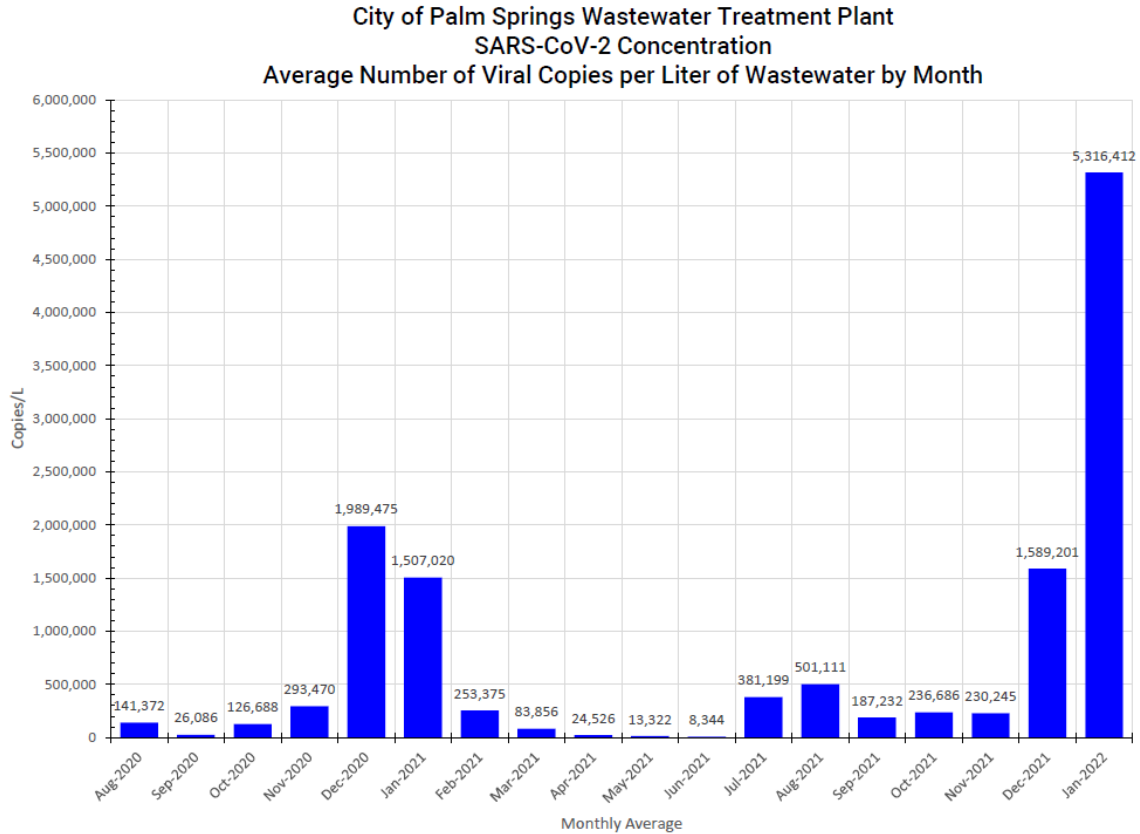


The City's number of copies recorded at the City's wastewater treatment plant has significantly increased on Monday, January 3<sup>rd</sup>. On the Monday after New Year's Day measured 6,687,602 copies/L, it went down to 3,945,221 copies/L on Tuesday. While it is encouraging to see a lower number, we saw a wide variability of results during the winter peak last year. Also, past results have often shown the Tuesday number to be lower than results from the day before. We look forward to the next set of results to see if there is indeed a downward trend.

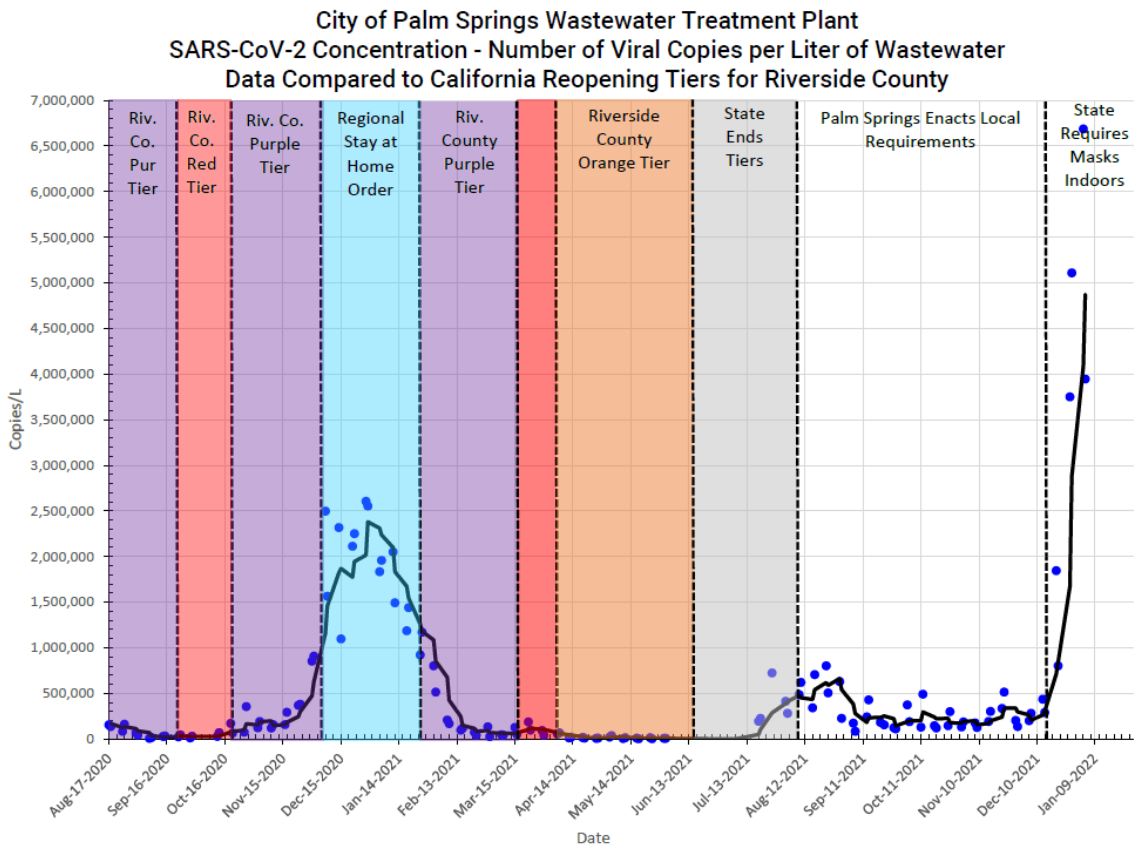
### Regarding Highly Transmissible Variants:

The data from January 3<sup>rd</sup> sample continues to detect the Delta and Omicron variants. Of the detected variants of concern, 0.5% had the signature mutations associated with the Delta variant and 96.8% had the signature mutations associated with the Omicron variant. Similarly, the results from January 4<sup>th</sup> show 0.3% had the signature mutations associated with Delta, and 95.4% with Omicron.

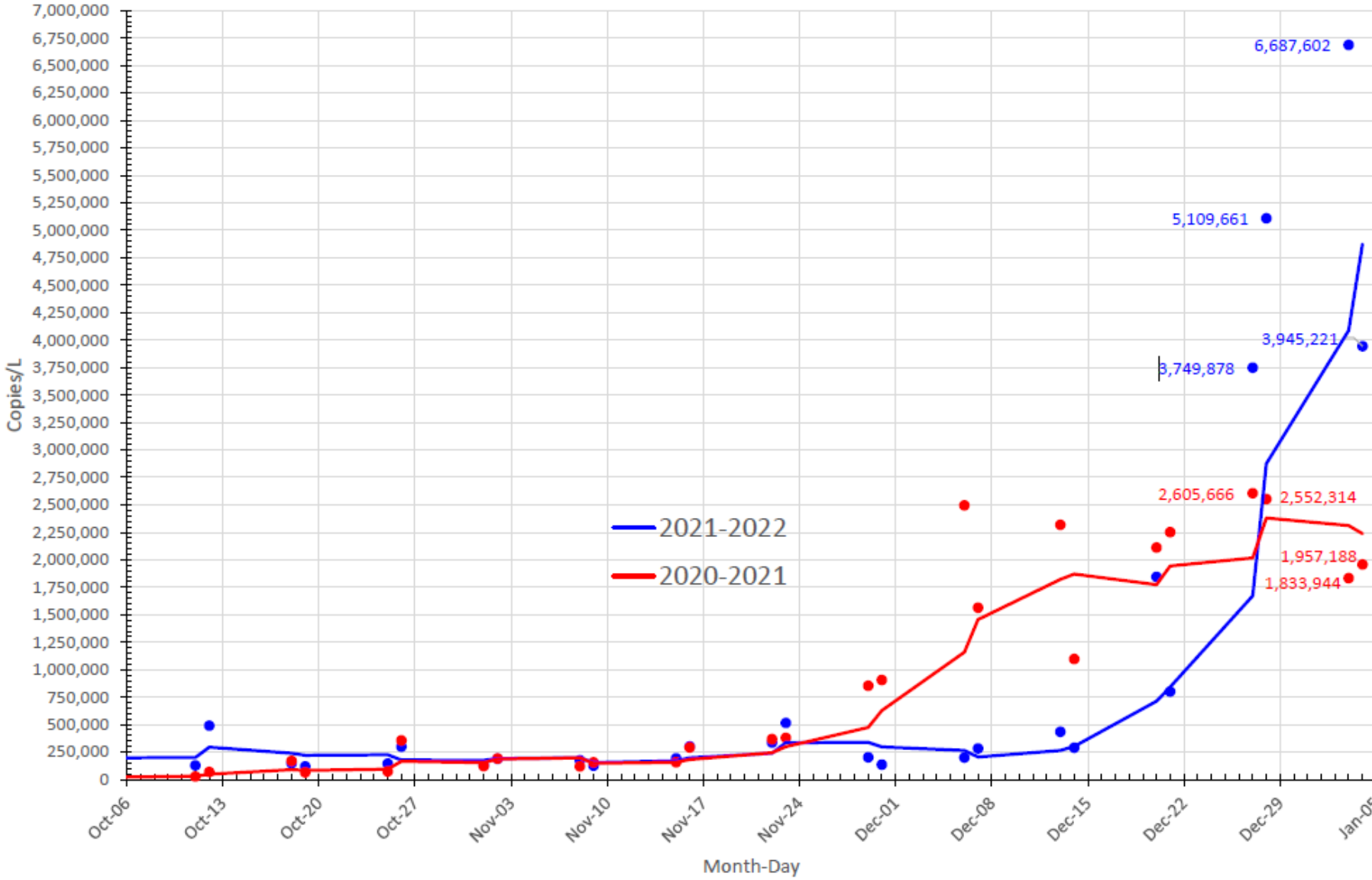
**Monthly Averages:** Here are the monthly averages since we started testing in August 2020



**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



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