Surfside Wastewater Treatment Facility
Sample collection date: July 25, 2022

SARS-CoV-2 virus in wastewater

**Detected**

Virus concentration (genome copies per liter of sewage) **1,355,903**

Effective* virus concentration (genome copies per liter of sewage) **1,680,121**

*Effective virus concentration value is derived by adjusting the raw virus concentration to account for dilution and other factors.

Effective virus concentration over time

Overview of effective virus concentration levels

State-level mean of samples (collected in the past 2 weeks)

Color indicates effective virus concentration level

Your state outlined in red

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**Effective virus concentrations trend with new cases**

![Graph showing effective virus concentrations trend with new cases](https://example.com/graph.png)

- **Your sample**
- **Representative collection of samples from past 2 weeks**

**Effective virus concentrations in comparison**

Your sample has higher concentration levels than **83%** of all quantifiable samples collected in the past two weeks.

![Bar chart showing effective virus concentrations in comparison](https://example.com/bar-chart.png)

* **Your sample**
* **Median sample from past 2 weeks**
* **Representative collection of samples from past 2 weeks**

**Biobot COVID-19 incidence estimate**

* using Biobot’s current analysis model v3, which reflects active R&D and will change over time with developing research

This incidence estimate represents the projected number of new reported cases that will be reported in your community on the sampling date. This estimate reflects active R&D.

**30 new cases / day**

(0.16% incidence rate)

For more information, read the whitepaper:

https://doi.org/10.1101/2020.06.15.20117747

Visit our website for more details behind the process:

https://www.biobot.io/case-estimates
https://www.biobot.io/updated-model

Learn more about Biobot’s protocols and methodology by visiting