



Des Moines WRF Raw Influent

Sample collection date: **August 3, 2022**

SARS-CoV-2 virus in wastewater

DETECTED

Virus concentration
(copies per liter of sewage)
2,245,172

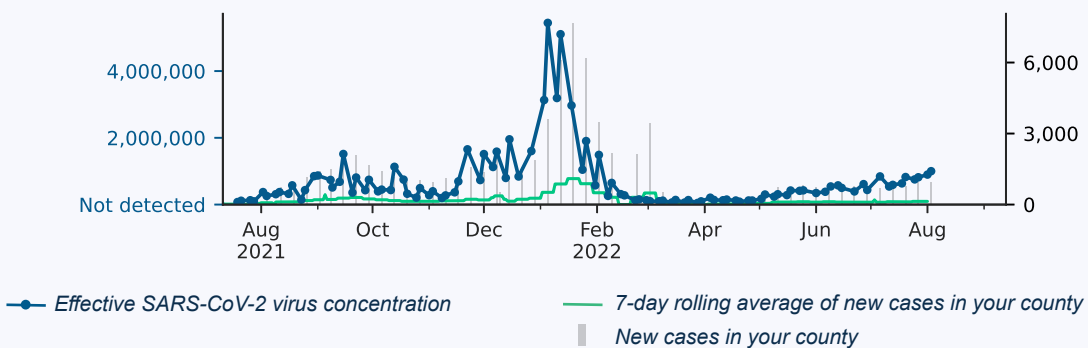
Effective* virus concentration
(copies per liter of sewage)
1,000,639

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

Effective virus concentration over time

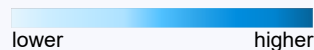
Effective SARS-CoV-2 virus concentration (copies / L of sewage)

New cases in county on sampling date



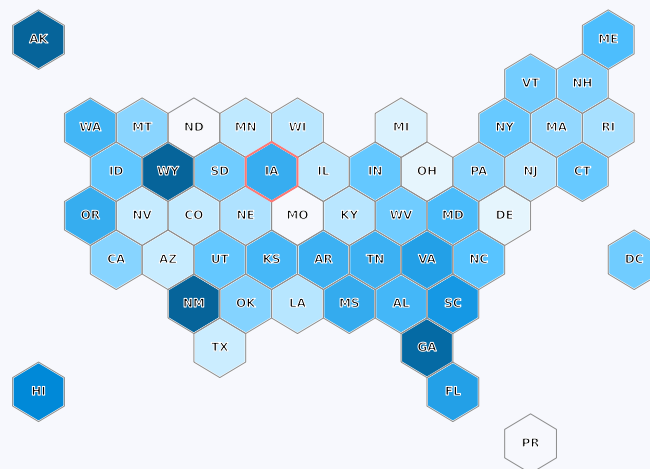
Overview of effective virus concentration levels

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

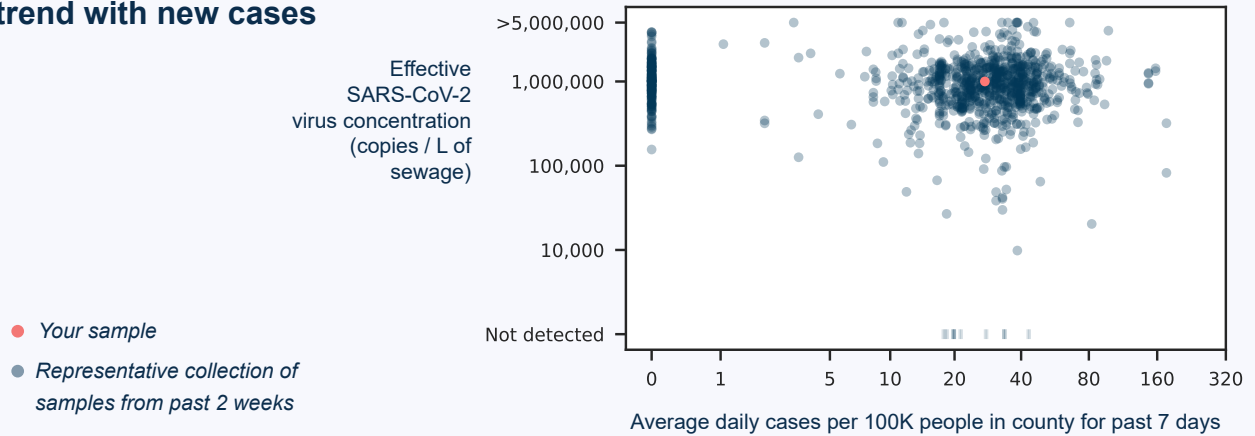


Color indicates effective virus concentration level

Your state outlined in red

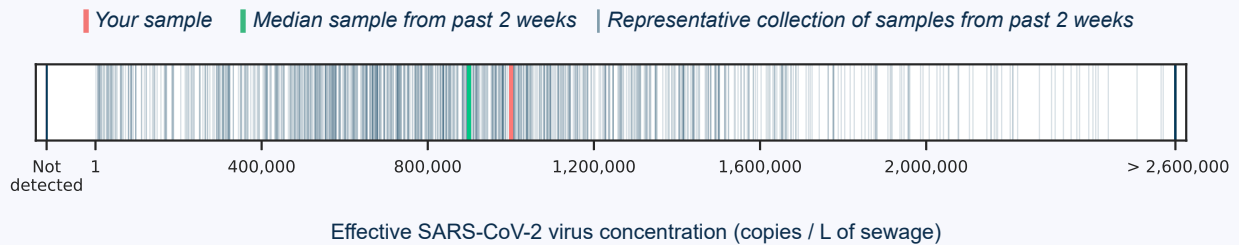


Effective virus concentrations trend with new cases



Effective virus concentrations in comparison

Your sample has higher concentration levels than **57%** of all quantifiable samples collected in the past two weeks.



Learn more about Biobot's protocols and methodology by visiting <http://www.biobot.io/covid19-report-notes>