I’ve been wondering about this all week – the BA2 version of covid is taking over in the MSP wastewater data and the growth looks exponential.

Q1: Are the number of copies of BA2 also growing exponentially?

Q2: Or, is it just that BA2 is taking over within a fixed population?

I think it’s a solid maybe on the first, probably not in the second.

Raw data comes from <https://metrotransitmn.shinyapps.io/metc-wastewater-covid-monitor/>

Methodology: I multiplied the “% of covid signal that’s BA2” by the “M copies / person / day” overall covid signal and then copied the data from Excel over to Logger pro and did an exponential (growth) fit.  There were 3 days with missing data.  X-axis is “day of Feb 2022” so March 2 plots as Feb 30. Sorry Sarah, no error bars…

Chart

Description automatically generated

Chart, scatter chart

Description automatically generated

Peak (MSP) wastewater covid levels were about 1000 on 5 January

Graphical user interface, application

Description automatically generated

Here’s a calculation for when the MSP signal will reach the levels of the last peak.  Graphical user interface, chart, scatter chart

Description automatically generated

So, prediction.  Huge number of students sick with Covid BA2 during the last few weeks of the semester and graduation.