

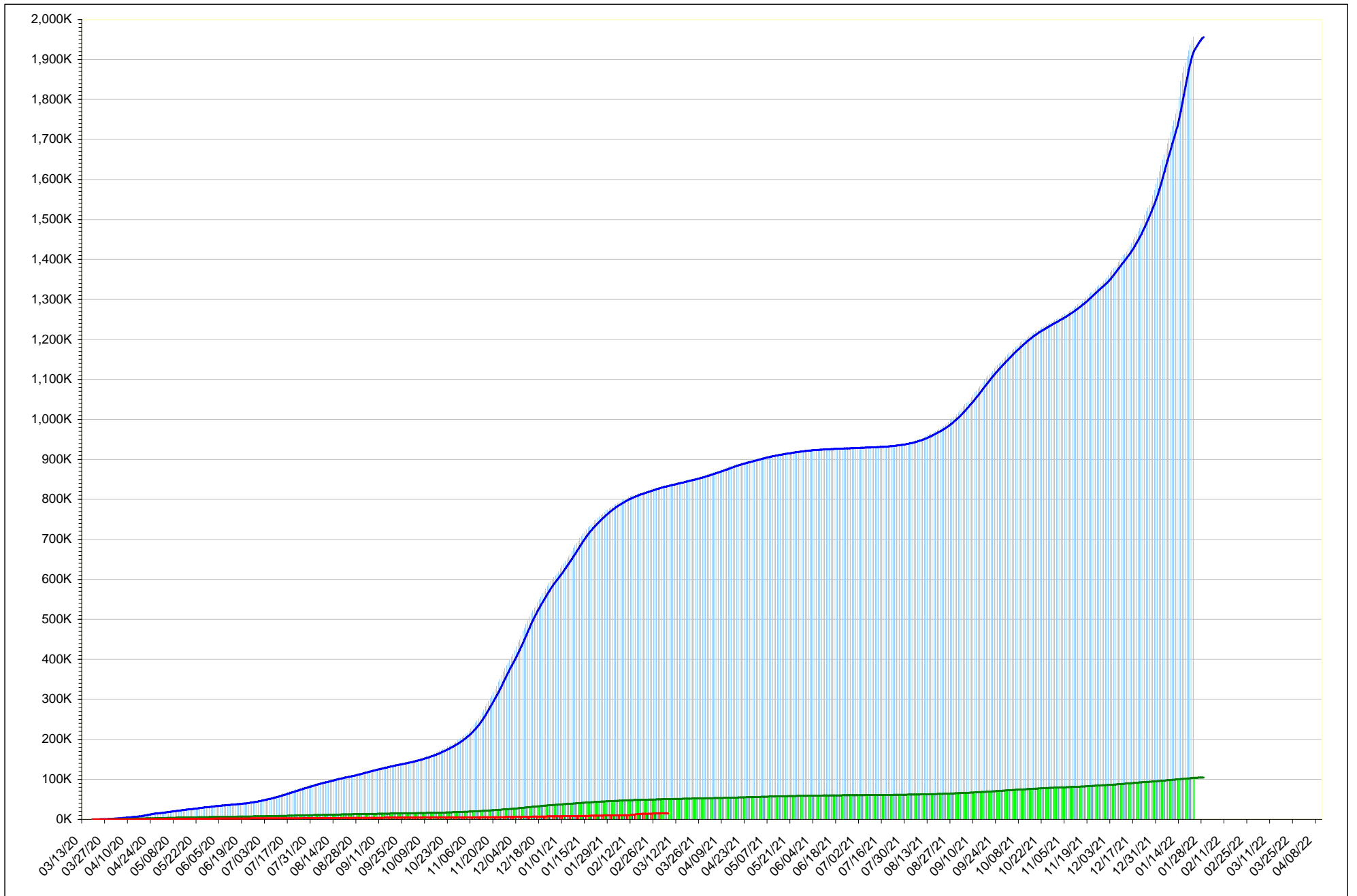
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1. These statistics are gathered from the Ohio Coronavirus Site (<https://coronavirus.ohio.gov>) on a daily basis. These statistics are generally updated at 2:00 PM local time. Sometimes the updates are delayed. Sometimes I'm delayed for various reasons. Be assured that I will post them as soon as they are available and I can get to them.
 2. Although statistics for the 'CDC Expanded' definitions are now available, this was not always the case. Ohio confirmed cases numbers are used as they are consistently available across the entire reporting period.
 3. Keep in mind that these are reported statistics for cases and probably do not reflect actual reality. It is not unusual for cases that present no symptoms to go unreported. It's also not unusual for mild cases to go unreported. I have seen estimates as extreme as 50 to 1 underreported in the early days of the pandemic. I'm seeing estimates of between 10 to 1 and 2 to 1 for current reporting.
 4. This data is provided on a best effort basis and there are no guarantees. I do try to make sure everything looks correct but there may be times when I get something wrong.
 5. The first chart, showing a graphic of cases and hospitalizations, now scales from the first data to the end of June 2021. The horizontal scale is adjusted as needed.
 6. Note that the second chart is log-log scale. If you are not familiar with this style of chart it may seem a bit confusing. The big advantage for this type of chart is that when the statistics are falling off to zero you will see a sharp downturn of the chart at the right side. This is the desired state of things and when it happens we can all cheer for the end of this thing. The opposite, a sharp upturn, is **BAD**.
 7. From November 16 through December 8 there were thousands of reports not processed. These were antibody tests and were not included in the confirmed cases category. These cases are now reported but not in the confirmed cases category which I use.
 8. A new chart was added to show new case count and hospitalization count with a 7 day average. All available data is presented.
 9. No data was posted for 11/26/20, 12/25/20, 01/01/21, 04/04/21, 05/31/21, 07/04/21, 08/24/21(*), 11/25/21, 12/25/21 or 01/01/22. The values for those days are an average of the previous and following day.
 10. Death statistics posted on February 11-13, 2021 reflect corrections to underreported data and are correspondingly **VERY HIGH**.
 11. Beginning on March 2, 2021 death statistics are changed to show *only verified mortality data*. *This information is not available daily and is updated approximately twice per week as data is received*. **This represents a completely different reporting scheme and the data is no longer comparable to previous data. Charts using this data have been removed.**
 12. In 2021 the reporting for the week following Thanksgiving is, to put it kindly, poor. This causes the numbers in that week to be significantly underreported giving a false view of what happened at that time. Reporting for Christmas weekend was also poor.
 13. On January 14 through January 16, 2022, the State of Ohio is including some cases that should have been reported earlier. This skews the case numbers rather dramatically upwards.
 14. More, and interesting, information can be found at the following web sites:

<https://www.worldometers.info/coronavirus/#countries>
<https://covid19.healthdata.org/united-states-of-america?view=total-deaths&tab=trend>
<https://covid.cdc.gov/covid-data-tracker>

* - Not a holiday but a day I just missed it.

Ohio COVID-19 Statistics

01/23/2022

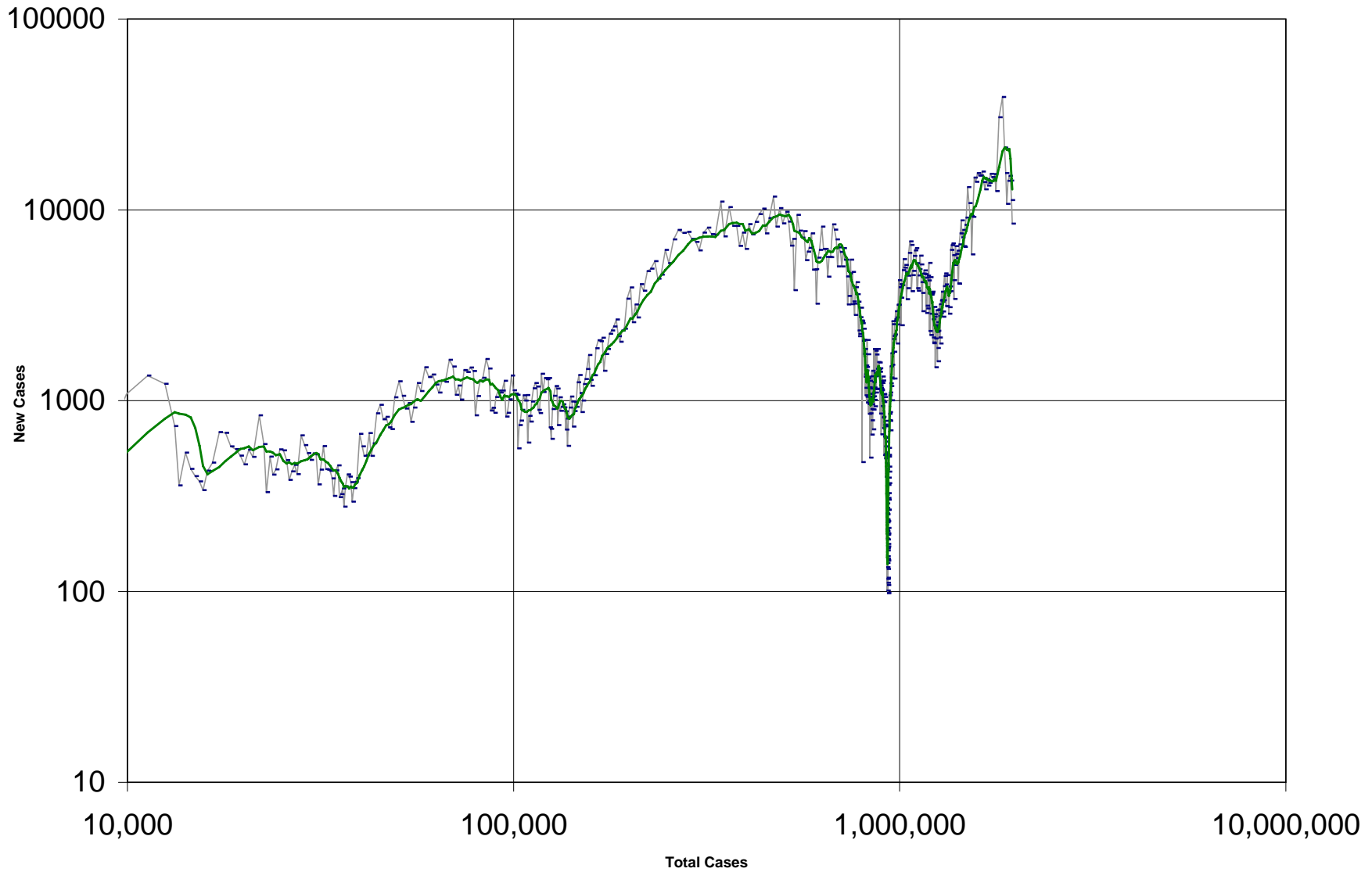


Hospitalizations (104759)

Cases (1956127)

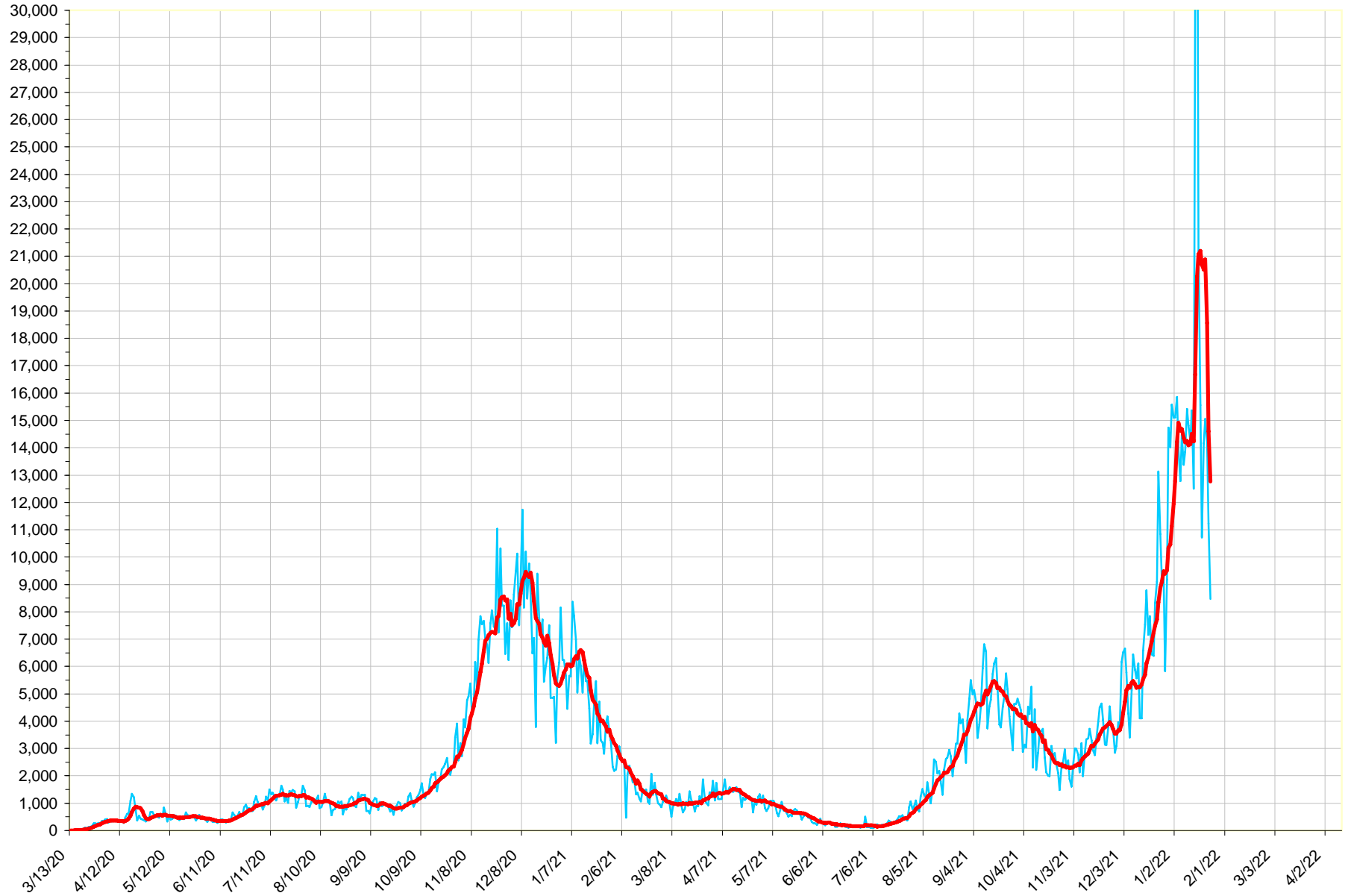
All trend lines are third order polynomials which can take a negative turn (usually Cases). This is not actually possible for this data.

New Cases vs. Total Cases



Note: Both scales are logarithmic. When you see the right side of the plot (trend line) start to drop towards zero you will know that things are getting better. The trend line is a 7 day moving average. Thanks to minutephysics on YouTube for suggesting the format of this plot.

Cases Per Day (with 7 day average)



Hospitalizations Per Day (with 7 day average)

