

Dear council members,

Thank you for organizing COVID vaccine hearing to hear our voice. Here I am providing solid data for your references before you make final decision:

- It is well known that COVID-19 vaccine does not stop transmission of the virus, admitted by U.S. Centers for Disease Control Director Rochelle Walensky. Which means unvaccinated people are not riskier to others than vaccinated people to spread virus.
- The adverse effects of the vaccine, please see Figure 1 – 3, downloaded from the Vaccine Adverse Event Reporting System (<https://vaersanalysis.info/2022/01/14/vaers-summary-for-covid-19-vaccines-through-01-07-2022/>). The reported deaths in the US by 1/14/2022 are 21,745. The reported adverse events are over one million. Please be aware that this is a passive report. If actively follow-up, what the number would be? A previous colleague's wife died from the vaccine last November in MoCo.
- Where is Maryland in the picture of the country? Please see the Correlation Analysis done by expert J. Wang. The results do not show that Maryland has been doing a good job, particularly in the new "Omicron wave" although we had very high vaccination rate. "The orange line and green line shows that the higher vaccinate rate of the states seems to drive the infection rate even higher for Omicron virus." "Florida's very low death rate (highlighted in the chart) since late October 2021 seems to be related to their early treatment policy by making Monoclonal Antibody Therapy widely available." – Will MoCo change the focus from the vaccine to early treatment?

I believe that you were trying to make MoCo a better place based on the information you got. I hope the information I presented to you would help you to see the other side of the picture. Only the right decision can benefit, not harm the MoCo residents.

Sincerely,

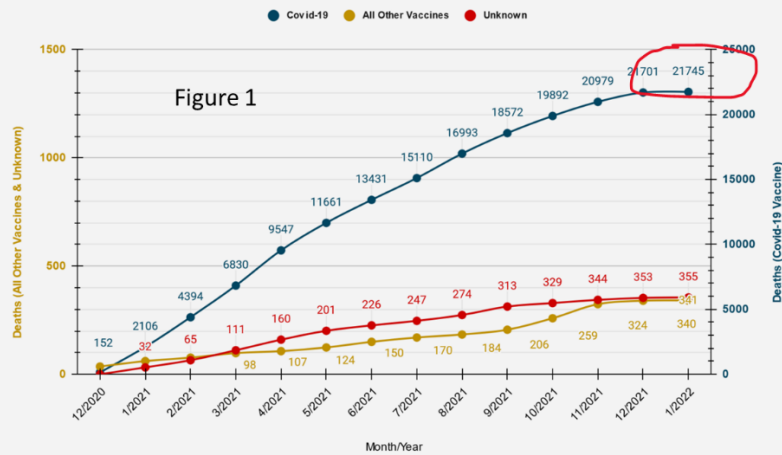
Zheng

Zheng Wang

Bethesda, MD

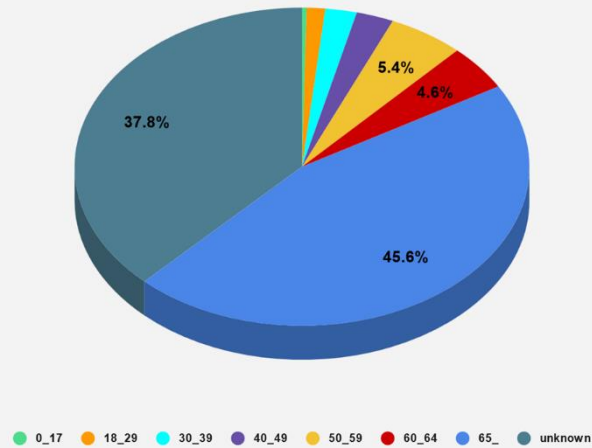
Cumulative Reported Deaths After Vaccination - 1 Year Summary

Data obtained from CDC's VAERS



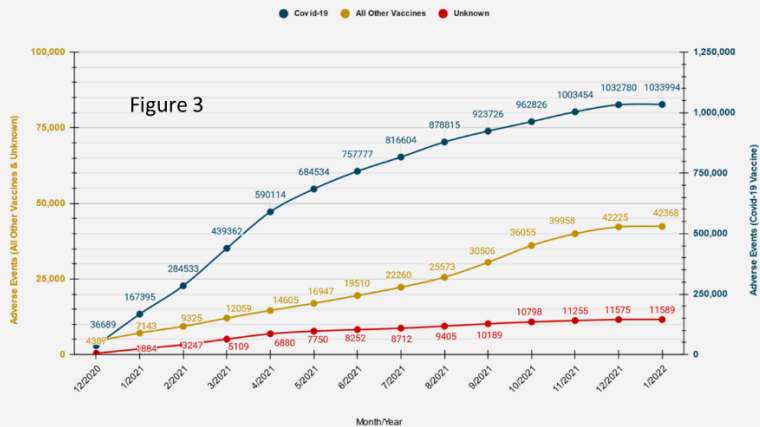
Age Distribution of Reported Deaths After COVID19 Vaccination

Data obtained from CDC's VAERS



Cumulative Reported AEs After Vaccination - 1 Year Summary

Data obtained from CDC's VAERS

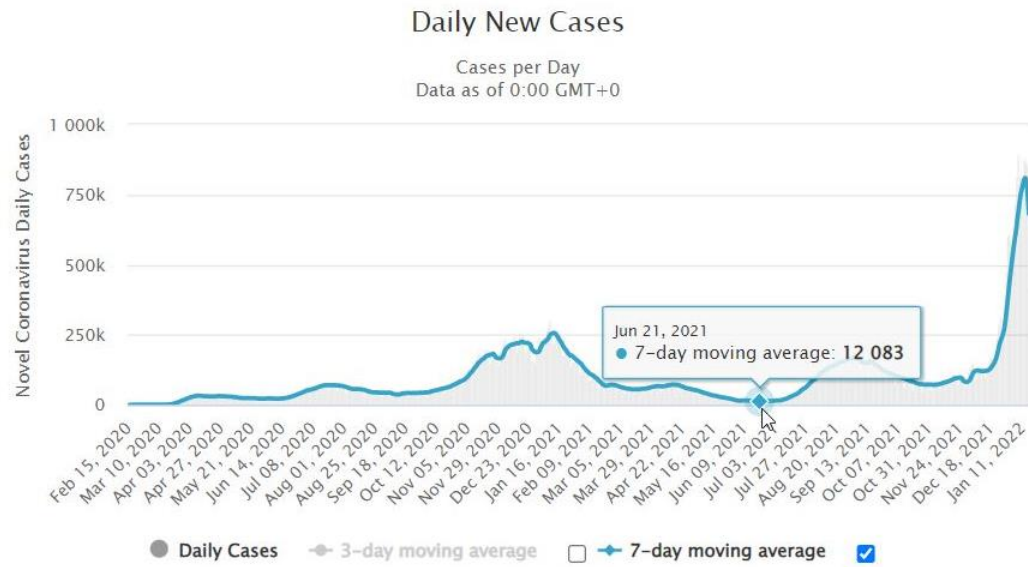


Correlation Analysis

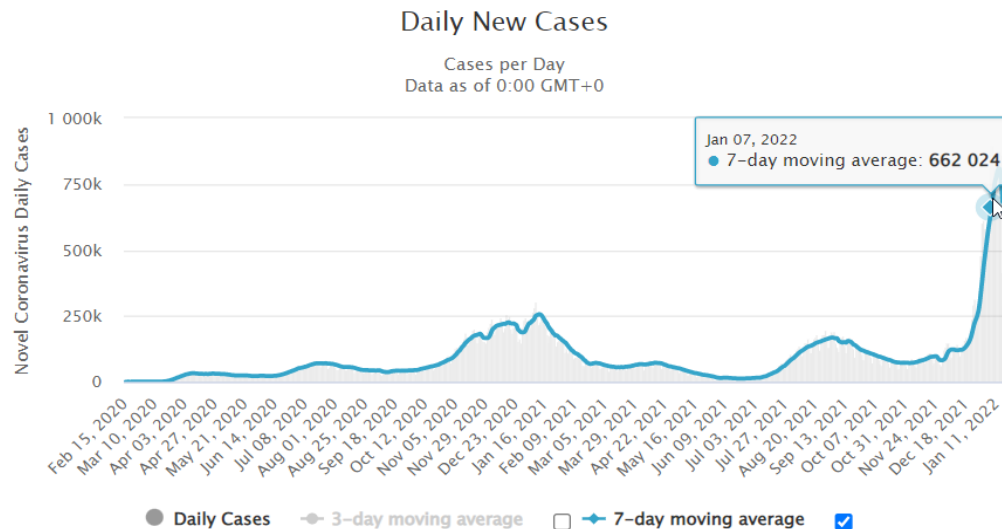
-- Covid-19 Vaccine Rate vs. Covid-19 Infection Rate and Death Rate

By J. Wang

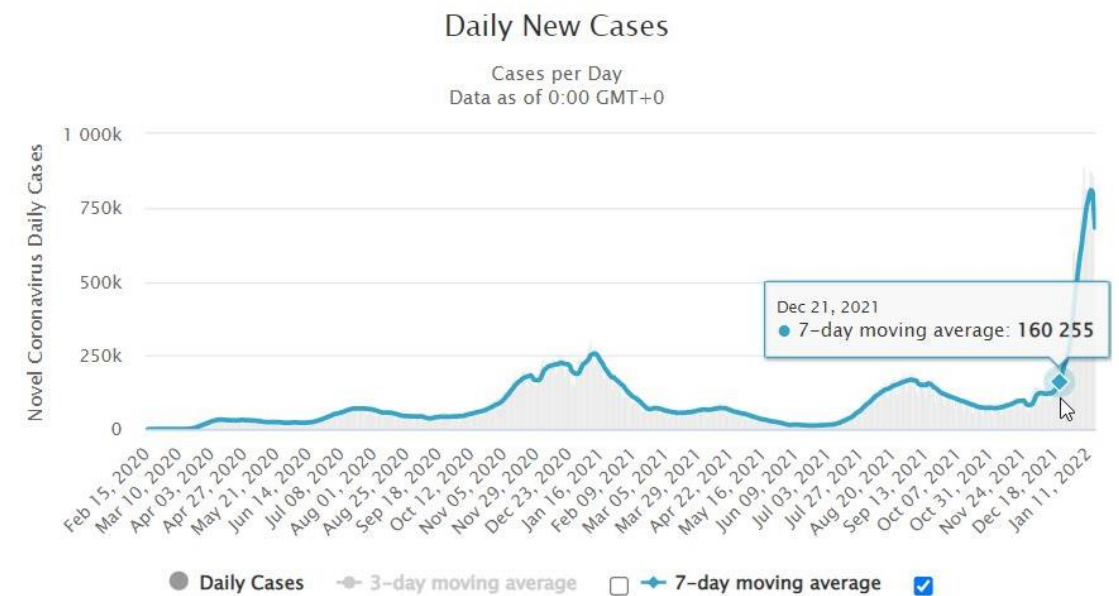
Daily New Cases in the United States



Daily New Cases in the United States



Daily New Cases in the United States

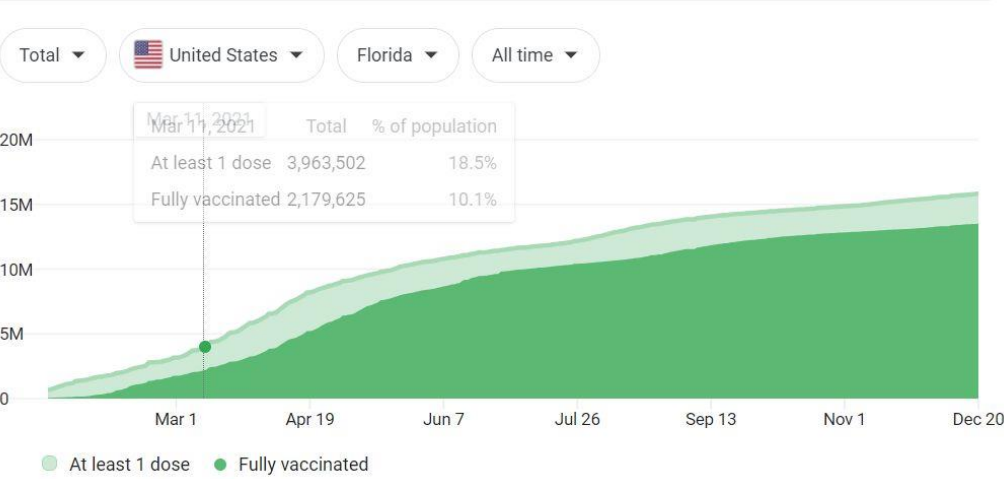


1. Most of the infections between Jun 21st 2021 and Dec 21st 2021 are caused by Delta virus.
2. Most of the infections between Dec 21st 2021 and today (Jan 14th 2022) are caused by Omicron virus, however, there were still some cases caused by Delta.
3. Infections between Jan 7th 2022 and Jan 14th 2022 are overwhelmingly Omicron.

We first calculate the infection rate and the death rate over these three different periods for the states respectively, thereafter, we can study how the infection rate and the death rate correlate with the vaccination rate.

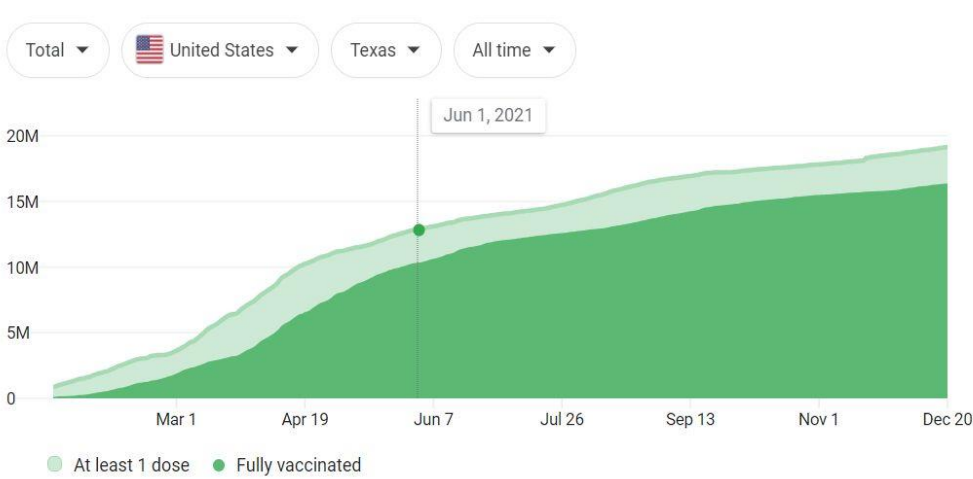
Vaccinations

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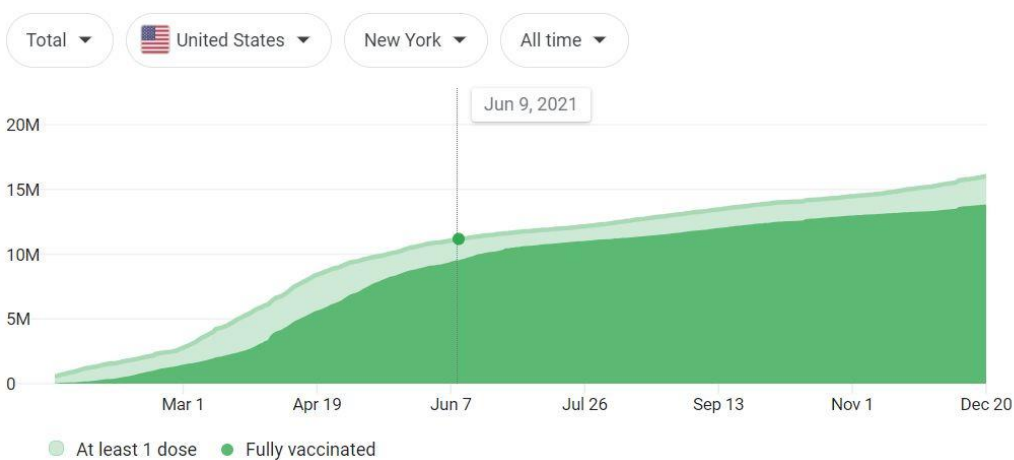
Vaccinations

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Vaccinations

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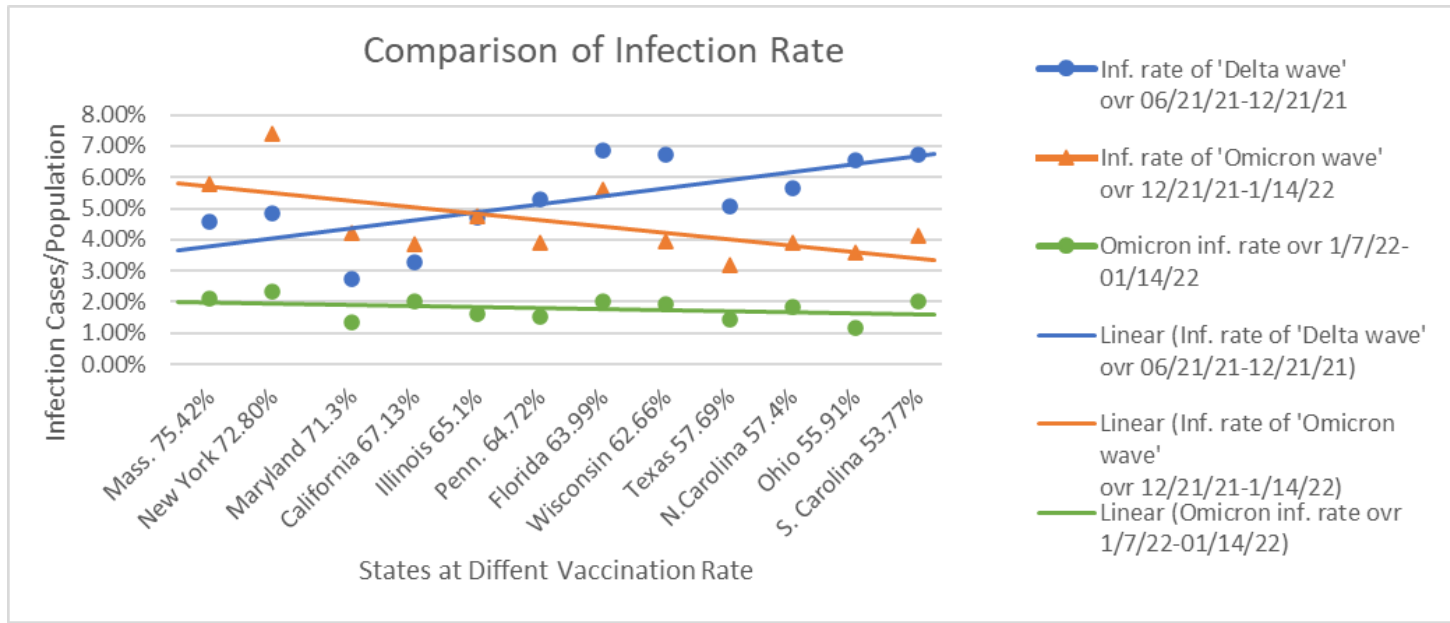


Vaccinations

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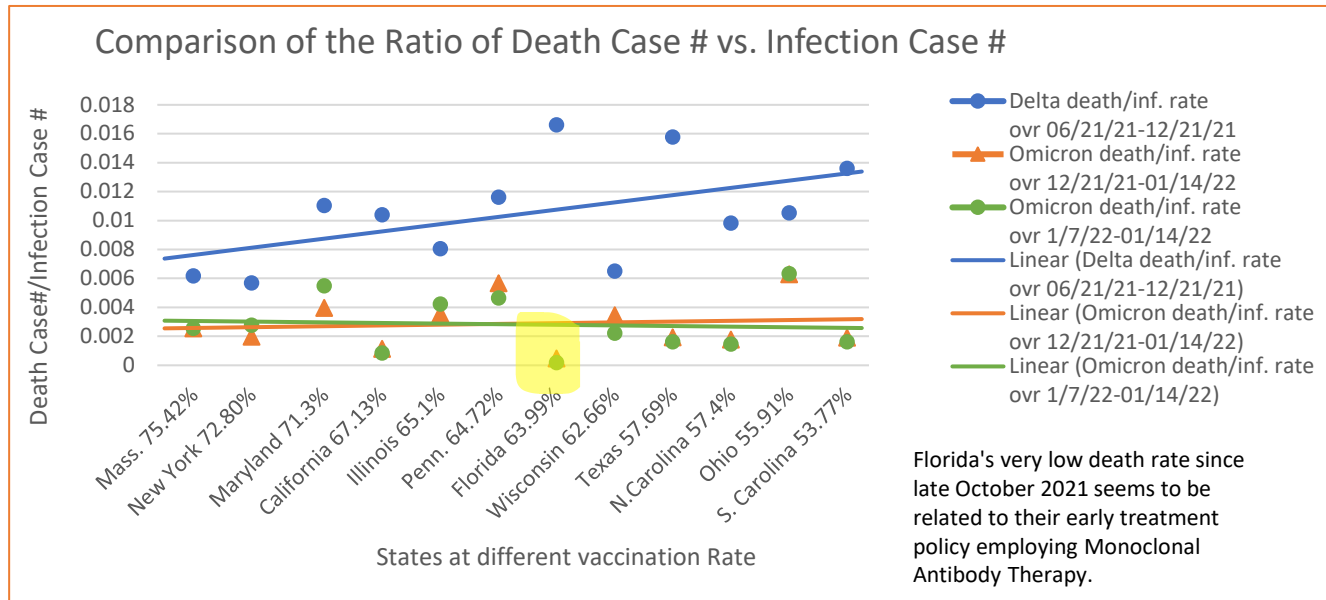
The dynamic vaccination rate of all states follow the same pattern: it increased relatively faster before April-May time frame thereafter it continues to increase at a slower rate.



We choose states with different vaccination rates (number as of 1/14/2022). These states are chosen based on higher population density and relatively higher income per household which indicates more economic activities.

Observations:

- The blue line shows that the higher vaccination rate seems to help reduce the infection rate for Delta virus.
- However, the orange line and green line shows that the **higher vaccinate rate of the states seems to drive the infection rate even higher for Omicron** virus. Is this a sign of immune system disorder? [We should study why the vaccination makes people prone to being infected by the Omicron coronavirus and stop further enforcing the vaccination to people.](#)
- Overall, the vaccine did not stop either the “Delta wave” or the “Omicron wave”. Lots of breakthrough cases have been reported.



Observations:

- The blue line shows that the higher vaccination rate seems to help reduce the death rate for infections caused by Delta virus.
- However, the orange line and green line shows that **the vaccinate rate does NOT help reduce the death rate for infections caused by Omicron virus**. (Although most people were vaccinated towards the end of the year 2021 and we were more experienced in treating covid-19 patients than the previous year, there were more death due to covid-19 in the year 2021 than in 2020, 462K vs. 321K)
- Omicron is less deadly than Delta. Even if we reach 95% vaccination rate, Delta may still be more deadly to us than Omicron is now (Imaging extending the blue line to the left).
- Florida's very low death rate (highlighted in the chart) since late October 2021 seems to be related to their early treatment policy by making Monoclonal Antibody Therapy widely available. **Early treatment is essential to saving lives** over this pandemic! In July last year **NIH website published an article advocating the efficacy of Ivermectin treating Covid-19 patients** (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8248252/>). **Why does FDA still forbid the prescription of Ivermectin, a clinically safe medicine for Covid-19 treatment?**

References:

Population Density ranking <https://worldpopulationreview.com/states>

Income per capita <https://worldpopulationreview.com/state-rankings/per-capita-income-by-state>

Covid-19 pandemic data <https://www.worldometers.info/coronavirus/country/us/>

State vaccination rate as of Jan 14th 2022

<https://www.beckershospitalreview.com/public-health/states-ranked-by-percentage-of-population-vaccinated-march-15.html>

<https://vaers.hhs.gov/data/datasets.html>

Population Density(mile^2)	State Name	Fully Vaccinated Rate	Population	Total Infected on 1/14/2022	Total Infected on 6/21/2022	Total Infected on 12/21/2022	Total infected on 1/7/2022	Total infected on 1/14/2022	Natural immunity rate	Inf. rate of 'Delta wave' ovr	Inf. rate of 'Omicron wave' ovr	Omicron inf. rate ovr 1/7/22-	1 yr inf rate	death 1/14/2022	death 6/21/2022	death 12/21/2022	death 1/7/2022	death 1/14/2022	Delta death rate ovr 06/21-	Omicron death rate ovr 12/21/21-	Delta death/in f. rate ovr	Omicron death/in f. rate ovr	Omicron death/in f. rate ovr	
886	Mass.	75.42%	75.42%	6892708	453741	709443	1026129	1279928	1426283	0.20693	4.59%	5.81%	2.12%		13433	17977	19927	20568	20939	0.028%	0.015%	0.616%	0.253%	0.253%
410	New York	72.80%	72.80%	19454662	1226311	2167840	3107454	4096075	4549010	0.23383	4.83%	7.41%	2.33%		40471	53952	59284	60852	62103	0.027%	0.014%	0.567%	0.196%	0.276%
625	Maryland	71.3%	71.30%	6045717	317815	461779	627438	800743	881922	0.14588	2.74%	4.21%	1.34%		6828	9715	11542	12107	12551	0.030%	0.017%	1.103%	0.396%	0.547%
254	California	67.13%	67.13%	39514677	2905663	3816560	5104230	5841522	6635535	0.16793	3.26%	3.88%	2.01%		32627	62821	76198	77257	77928	0.034%	0.004%	1.039%	0.113%	0.085%
226	Illinois	65.1%	65.10%	12671618	856118	1389443	1985779	2382437	2589640	0.20437	4.71%	4.77%	1.64%		19724	25600	30401	31660	32532	0.038%	0.017%	0.805%	0.353%	0.421%
286	Penn.	64.72%		12801069	756659	1223868	1904121	2206899	2401681	0.18762	5.31%	3.89%	1.52%		18787	27715	35615	37522	38426	0.062%	0.022%	1.161%	0.565%	0.464%
409	Florida	63.99%	63.99%	21478973	1531192	2360675	3833985	4609385	5039887	0.23464	6.86%	5.61%	2.00%		25796	38091	62540	63014	63084	0.114%	0.003%	1.659%	0.045%	0.016%

A snapshot of the raw data which the aforementioned analysis is based on and the data is available for review upon request.