



Walgreens COVID-19 Index



Notes from the Walgreens/Aegis Research Team

Date	Notes
4/13/2022	The classification of Omicron lineages are in flux as the total number of sequenced samples increases and the different mutation combinations are characterized. In the most recent update to the COVID-19 lineage database, there are now 69 Omicron lineages. We have identified 31 of 69 in our sample set.
4/11/2022	The COVID-19 lineage database recently released a new version to include newly classified Omicron sub-variants of BA.1, BA.1.1, and BA.2 parent lineages. There may be extended delays in the Variant Tracking of Confirmed Omicron and Top Confirmed Variants while the research team validates these updates to the analysis pipeline. Once the sequencing data is refreshed, the COVID-19 Index will be up to date with the latest trends.
4/7/2022	The color range for COVID-19 Positivity Tracker under 'Current view' has been reset to '0%-50%' due to the low positivity rates across the map.
3/11/2022	All results, including the positivity rates by vaccination status graph, are unadjusted. The team has observed that the positivity rates among unvaccinated individuals seen on the bar graph appear to be lower in comparison to vaccinated individuals. Furthermore, repeat testing among those who were previously positive in the last 90 days appear to confound the results. The team conducted additional analyses examining characteristics of the patient population by vaccination status and the impact of excluding recent COVID-19 cases (5.0% of total tests). Findings show that the unvaccinated group are typically younger and healthier, less symptomatic and less likely to report direct COVID-19 exposure or recent travel compared to vaccinated groups. Controlling for recent COVID-19 cases, results show that the unvaccinated group has a 17.1% higher positivity rate compared to the 3-dose group. Controlling for additional factors leads to a larger difference between groups.
3/2/2022	<p>ALERT: The following changes have been made to the COVID-19 Index based on recent trends:</p> <ul style="list-style-type: none"> The default view for the COVID-19 Positivity Tracker and Omicron Proportion Tracker has been modified to 'changes from prior week' and 'presumed omicron', respectively. The sub-variant trend graph has been amended to display both national and state-level trends. The legend in both the Omicron and Sub-Variant trend graphs include the most recent available data. Proportion of tests by vaccination status has been added to the positivity rate bar graph, which is further described in the information tab.
2/23/2022	ALERT: The BA.2 Omicron sub-variant has been spreading across the United States and Puerto Rico since its initial detection in early January 2022. Laboratory findings demonstrate that BA.2 does not display SGTB or SGTG as seen in the original Omicron. An updated algorithm

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