

COVID-19 UPDATE

Trend Update for the United States

Cases New Cases (Daily Avg) 108,891		Deaths New Deaths (Daily Avg) 287		Hospitalizations New Admissions (Daily Avg) 4,032		
Case Trends	\sim	Death Trends	\sim	Admission Trends		
May 2022	Jun 2022	May 2022	Jun 2022	May 2022	Jun 2022	
Total Cases 84,762,952		Total Deaths 1,004,260		Current Hospital 22,532	izations	

Above monthly trends: **flat rate of Hospitalization but increases in both New Cases and Deaths** over last 7 days. This reverses last week's improvements in all three categories.

Death from COVID-19 officially surpassed 1 million in the U.S. last week. Currently just under 300 per day.

The Omicron Stealth Mutation (variant) is responsible for >99% of all US infections. New variants are being tracked, with **BA.4 and BA.5**, from South Africa now approx. 12% of US cases

The U.S. is providing eight **free** COVID-19 antigen tests for each household: **covid.gov/tests**

What is your COVID-19 Community Level?

Metrics Used to Determine the COVID-19 Community Levels:

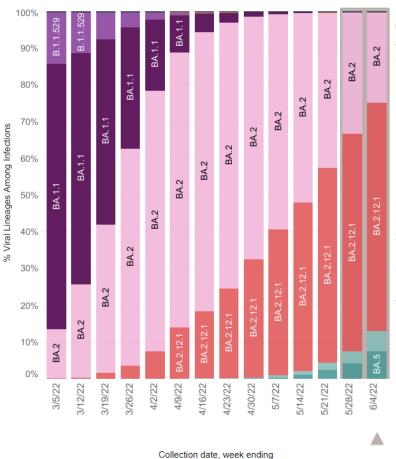
- Case Rate per 100,000
- New COVID-19 admissions per 100,000
- % Staffed inpatient beds in use by patients with confirmed COVID-19

The CDC currently tracking disease transmission in the US by county. Use this link to view your local conditions: <u>https://www.cdc.gov/coronavirus/2019-ncov/your-health/covid-by-county.html</u>

People who are higher risk for COVID severe infection based on age or underlying medical conditions should be vigilant in protecting themselves from infection.

Several U.S. major metropolitan areas are now HIGH: New York, LA, Chicago

Prominent Variants in the United States and Worldwide



USA							
WHO label	Lineage #	US Class	%Total	95%PI			
Omicron	BA.2.12.1	VOC	62.2%	58.5-65.7%			
	BA.2	VOC	24.8%	22.4-27.3%			
	BA.5	VOC	7.6%	5.6-10.1%			
	BA.4	VOC	5.4%	3.8-7.5%			
	BA.1.1	VOC	0.0%	0.0-0.0%			
	B.1.1.529	VOC	0.0%	0.0-0.0%			
Delta	B.1.617.2	VBM	0.0%	0.0-0.0%			
Other	Other*		0.1%	0.0-0.1%			

* Enumerated lineages are US VOC and lineages circulating above 1% nationally in at least one week period. "Other" represents the aggregation of lineages which are circulating <1% nationally during all weeks displayed.

** These data include Nowcast estimates, which are modeled projections that may differ from weighted estimates generated at later dates

AY.1-AY.133 and their sublineages are aggregated with B.1.617.2. BA.1, BA.3 and their sublineages (except BA.1.1 and its sublineages) are aggregated with B.1.1.529. For regional data, BA.1.1 and its sublineages are also aggregated with B.1.1.529, as they currently cannot be reliably called in each region. Except BA.2.12.1 and its sublineages, BA.2 sublineages are aggregated with BA.2.

In South Africa, 90% of the population with Omicron Immunity (through vaccination or infection)—surge in cases due to 2 new variants, **BA.4 and BA.5.** These variants can evade immunity but do **NOT** seem to cause more severe disease. Omicron was first seen in South Africa, before becoming the predominant U.S. strain.

US Strains are nearly 100% Omicron (BA.2). A subvariant (sub-mutation) that seems to grow more quickly (60%) is now the predominant U.S. strain. (**BA.2.12.1**)

Low

Limited impact on healthcare system, low levels of severe illness Medium Some impact on healthcare system, more people with severe illness High

High potential for healthcare system strain; high level of severe illness