



COVID-19 WEEKLY UPDATE

Trend Update for the United States: Declining Cases

Cases

New Cases (Daily Avg)
39,036

Case Trends



Sep 2022 Oct 2022

Deaths

New Deaths (Daily Avg)
338

Death Trends



Sep 2022 Oct 2022

Hospitalizations

New Admissions (Daily Avg)
3,294

Admission Trends



Sep 2022 Oct 2022

Total Cases
96,534,688

Total Deaths
1,057,504

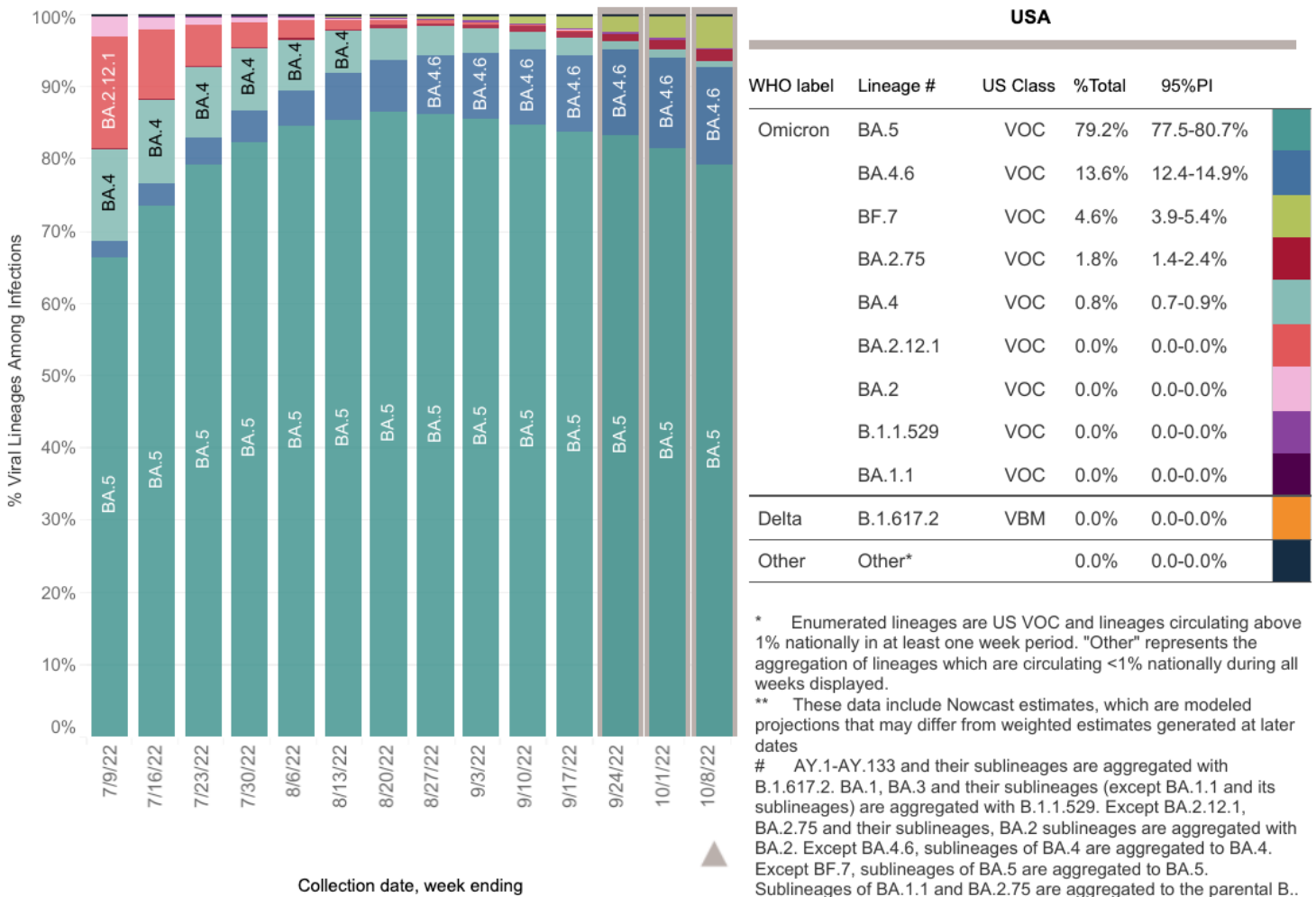
Current Hospitalizations
19,005

There continues to be a **decline** in deaths and hospitalizations related to COVID-19, confirming a trend that started several weeks ago.

Vaccination has proven effective at preventing severe illness, death, and hospitalization from the COVID-19 virus. A new **“bivalent” booster** appears to be more specific for Omicron mutations and is strongly encouraged for all those eligible. (over age 5).

Vaccination for influenza (“the flu”) is compatible with COVID-19 boosters. Both can safely be given simultaneously. Predictions are for a more severe flu season, however the flu vaccine is predicted to have excellent coverage.

Prominent Variants in the United States and Worldwide



All U.S. strains are “Omicron” related variants—which is encouraging. They are highly contagious and spread easily, often avoiding immunity from previous infection. Fortunately, they tend to cause less hospitalization and death.

BA.5: remains the most common variant/mutation and has been circulating widely since early summer. It has decreased slightly, but still accounts for 80% of U.S. infections.

BF.7: subvariant of **BA.5**, initially spread in China and now gaining foothold in Europe (esp. Belgium) and U.S.

XBB (BA.2.10): evolved from the **BA.2** Omicron subvariant (“Stealth”), spreading in Far East, especially Singapore, where it accounts for more than 50% of infection. Like most variants, it is highly transmissible, but not likely to cause severe disease.

Currently, there are no new recommendations for prevention and treatment of COVID-19 in light of current or emerging variants. As new variants emerge, cases may increase, but current protections remain effective.