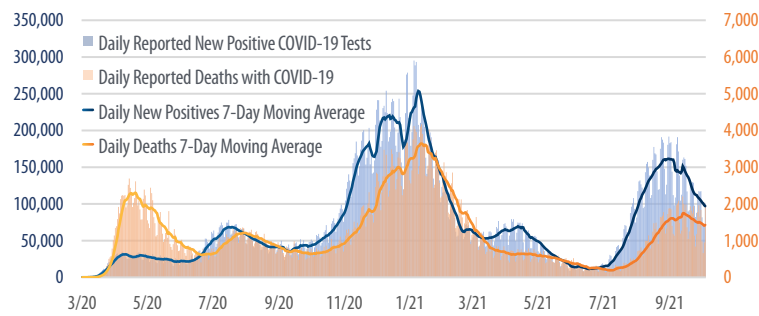


First Trust COVID-19 TRACKER

Daily Reported New Positive COVID-19 Tests vs. Daily Reported Deaths from COVID-19 in the U.S.

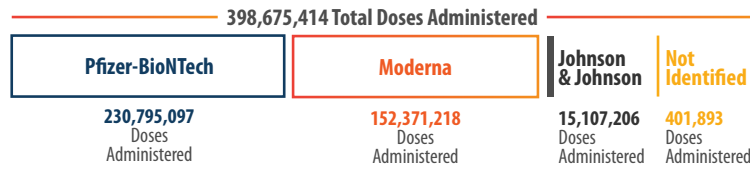
March 1, 2020 - October 5, 2021



Sources: CDC.gov, First Trust Advisors

U.S. COVID-19 Vaccine Doses Administered by Vaccine Type

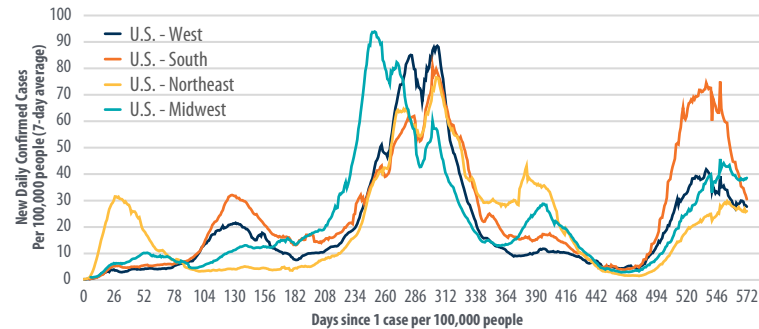
As of October 6, 2021



Sources: CDC.gov, First Trust Advisors

Daily Reported COVID-19 Cases by U.S. Regions, Normalized by Population

As of October 6, 2021

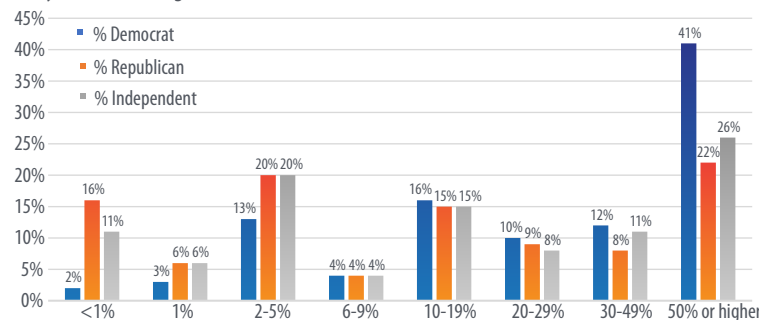


Sources: 91-DIVOC.com, Johns Hopkins University CSSE, First Trust Advisors

A recent study of 3.4 million recipients of the Pfizer vaccine found that the **effectiveness against infections declined from 88% during the first month after full vaccination to 47% after 5 months. Vaccine effectiveness against infections of the delta variant was 93% during the first month after full vaccination but declined to 53% after 4 months.**²

Estimated COVID-19 Hospitalization Risk for Unvaccinated Population, by Political Party

Study Conducted August 16-22, 2021



The actual hospitalization rate for unvaccinated adults is 0.89% (or 1 in 112), based on data through 8/9/21.

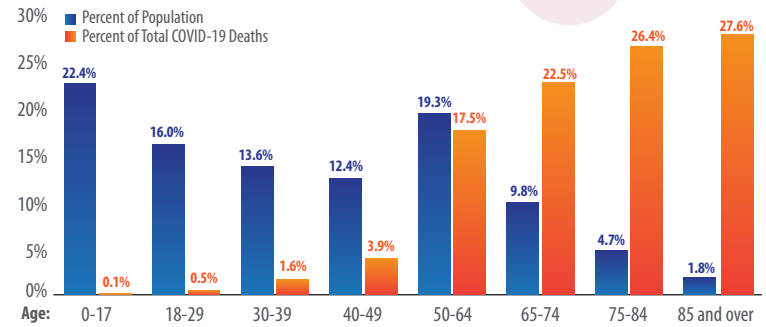
Sources: Gallup Panel, First Trust Advisors

¹nypost.com (September 11, 2021); ²thelancet.com (October 4, 2021)

The CDC reports that **214 children 17-years old or younger have died of COVID-19 nationwide so far this year compared to 261 Chicago kids who have been victims of gunfire in Chicago according to local police statistics.**¹

COVID-19 Deaths by Age vs. Share of Population in the U.S.

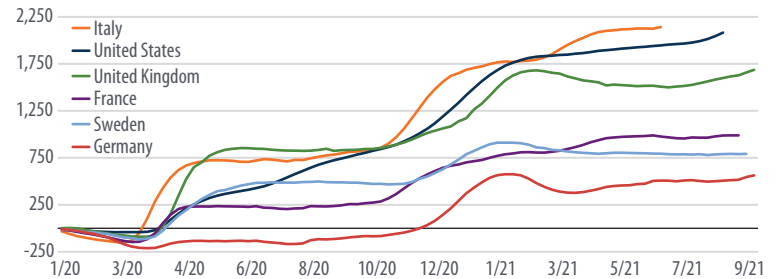
As of October 6, 2021



Sources: CDC.gov, census.gov (population estimates as of 4/1/20), First Trust Advisors

Excess Mortality in Different Countries

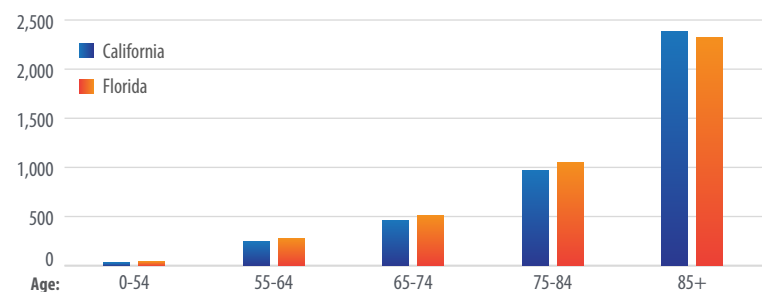
Cumulative number of deaths from all causes compared to projection based on previous years, per million people; as of September 19, 2021



Sources: ourworldindata.org, First Trust Advisors

COVID-19 Mortality by Age Per 100k in Population

Deaths data as of October 6, 2021; Population estimates as of 2019



Sources: CDC.gov, California Department of Finance, Florida Department of Health, First Trust Advisors