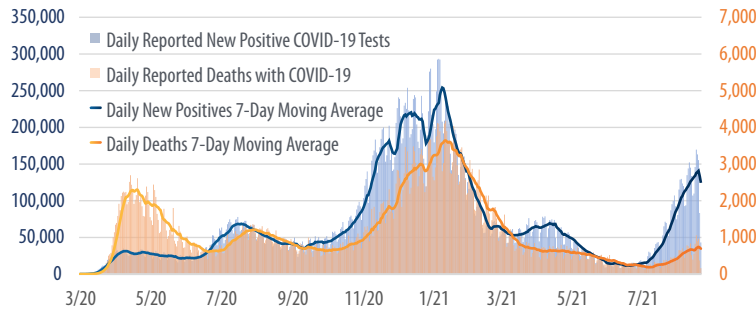


# First Trust COVID-19 TRACKER

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

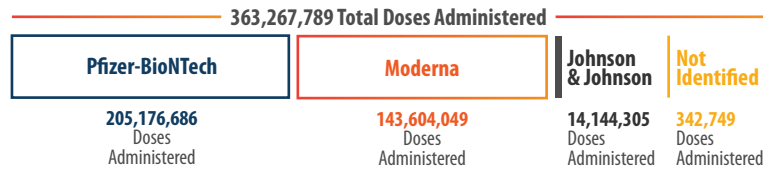
March 1, 2020 - August 22, 2021



Sources: CDC.gov, First Trust Advisors

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

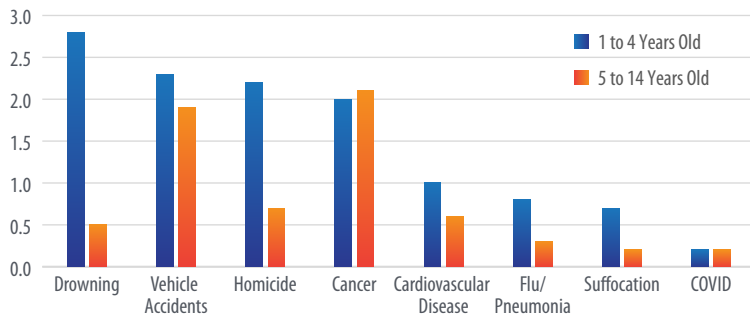
As of August 23, 2021



Sources: CDC.gov, First Trust Advisors

## Annual Deaths Per 100,000 Children in the U.S.

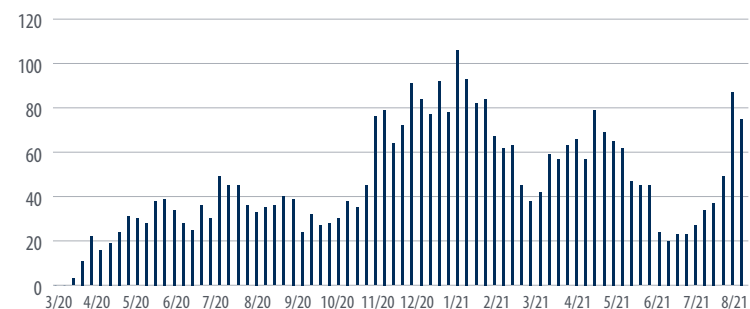
Covid data is for the 52 weeks ending April 10, 2021. Other data is for 2018.



Sources: nytimes.com, First Trust Advisors

## Weekly COVID-19 Hospitalizations Under the Age of 18

March 7, 2020 - August 14, 2021



Data is from COVID-NET, which is a population-based surveillance system that collects data on laboratory-confirmed COVID-19-associated hospitalizations among children and adults through a network of over 250 acute-care hospitals in 14 states.

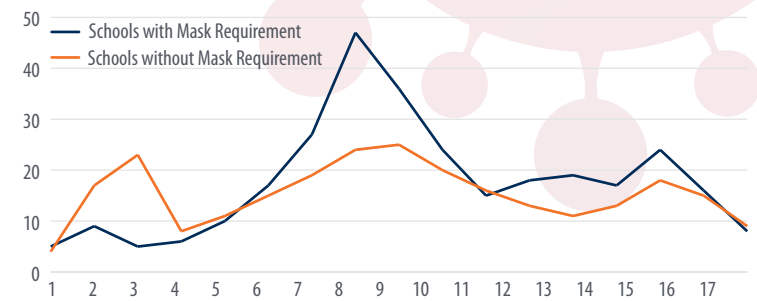
Sources: CDC.gov, First Trust Advisors

<sup>1</sup>Public Health England (August 20, 2021); <sup>2</sup>cdc.gov (July 21, 2021)

A recent technical briefing from Public Health England showed that **of the 1,189 delta deaths found in England from Feb-Aug 2021, 390 (33%) were in unvaccinated people. Meanwhile 679 (57%) were in those greater than two weeks out from their second dose and 104 (9%) were in those with only one dose.**<sup>1</sup>

## U.S. Daily Case Rate per 100,000 Students

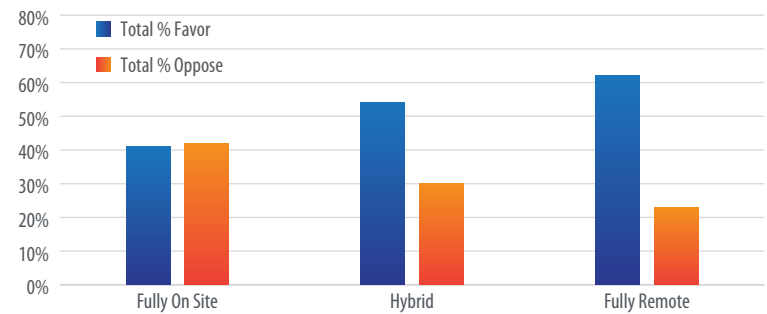
Over Two-Week Periods starting August 31, 2020 and ending May 23, 2021



Each period lasts for two weeks. Period 1 starts on August 31, 2020 and period 17 ends on May 23, 2021. Sources: Qualtrics National COVID-19 School Response Dashboard, First Trust Advisors

## Worker Opinions on Employer Vaccination Mandates Differ Greatly By Time Spent In Office

March 7, 2020 - August 7, 2021



Sources: news.gallup.com, First Trust Advisors

A recent paper published in the Preventing Chronic Disease Journal looked at **underlying medical conditions and severe illness among 540,667 adults hospitalized with COVID-19 from March 2020–March 2021. Of the 540,667 adults hospitalized with COVID-19, only 5.1% had no other comorbidities. 7.4% had one other, 39.3% had 2-5 other comorbidities, 31.0% had 6-10 others, and 17.3% had greater than 10 other comorbidities.**<sup>2</sup>

## Risk for COVID-19 Infection, Hospitalization, and Death by Age Group

Relative Risk by Age Compared to 18-29 Year Olds.

Age Group	Cases	Hospitalization	Death
0-4 yrs	<1x	<1x	<1x
5-17 yrs	1x	<1x	<1x
18-29 yrs	Reference Group	Reference Group	Reference Group
30-39 yrs	1x	2x	4x
40-49 yrs	1x	2x	10x
50-64 yrs	1x	4x	35x
65-74 yrs	1x	6x	95x
75-84 yrs	1x	9x	230x
85 yrs	1x	15x	600x

All rates are relative to the 18- to 29-year-old age category. This group was selected as the reference group because it has accounted for the largest cumulative number of COVID-19 cases compared to other age groups. Sample interpretation: Compared with 18- to 29-year-olds, the rate of death is four times higher in 30- to 39-year-olds, and 600 times higher in those who are 85 years and older. (In the table, a rate of 1x indicates no difference compared to the 18- to 29-year-old age category.)

Sources: CDC.gov, First Trust Advisors