Preventable COVID-19 Deaths, with available vaccination, July 2021 to Oct 2022

Date	Unvaxed deaths, per week, per 100k	Vaxed deaths, per week, per 100k	Daily deaths, 7 day average	Daily deaths weighting	Vaxed deaths, per week, per 100k, weighted
7/18/2021	7.21	0.49	276	0.04	0.02
9/12/2021	14.97	0.99	1716	0.25	0.25
11/14/2021	12.73	0.24	1028	0.15	0.04
1/16/2022	18.07	1.36	1934	0.28	0.38
3/13/2022	1.06	0.11	1234	0.18	0.02
5/15/2022	1.24	0.29	288	0.04	0.01
7/17/2022	2.68	0.40	412	0.06	0.02
Totals			6888	1.00	**0.74**
US pop age 5+	313,000,000				
US pop total	332,000,000				
7/15/21 - Now					
7/15/21 total deaths	607,834				
10/2/22 total deaths	1,054,195				
Deaths this period	446,361				
Vaxed deaths predicted by weighted rate	143,547				
Preventable deaths, estimated	**302,814**				
Preventable deaths, portion of all deaths	**0.678**				
Data Sources					
Deaths	https://covid.cdc.gov/covid-data-tracker/#trends_dailydeaths_select_00				
Vaccine effectiveness	https://covid.cdc.gov/covid-data-tracker/#rates-by-vaccine-status				
Population	Various Internet sources				
Notes					
	Vaccinated = primary series + 1 or more boosters as recommended.				
	Unvaxed death rates are out of the total unvaccinated population.				
	Vaxed death rates are out of people who are vaccinated.				
	Deaths between 4/15/21 and 7/15/21 are not counted, even though many of those people could have been vaccinated.				
	Unvaxed deaths for 11/21 to present used a population base of 5+ years old.				
	Unvaxed deaths for 7/21 and 9/21 used a population base of 6+ months. This does not affect any key calculations here.				