

COVID-19 Deaths in the USA, Connecticut, Greenwich and Greenwich High School

by Chip Tucker, Greenwich Resident

	USA	CT	Greenwich	GHS
Population	331,893,745	3,605,944	63,518	2,654
% of population under 18	22.3%	20.4%	25.6%	100.0%
Number Under 18 ("Kids")	74,012,305	735,613	16,261	2,654
Kid Deaths - Total in past 2 Years	770	7	0	0
Kids % Dead - Total in past 2 Years	0.001%	0.001%	0.000%	0.000%
Of 1 million ("1M") - Total in past 2 years	10.4	9.5	0.0	0.0
Kid COVID-19 Deaths Per Year	385	3.5	0.0	0.0
Kids % Dead - per year	0.0005%	0.0005%	0.0000%	0.0000%
Of 1 million ("1M") - Per Year	5.2	4.8	0.0	0.0
Forecast Kid Deaths Per Year Using USA Kid Mortality	385	3.8	0.085	0.014
Years until first likely death (divide into 1)	0.0	0.3	11.8	72.4
Vaccinated Percent - age 5-11	22.20%	34.40%	47.64%	47.64%
Vaccinated Percent - age 12-17	56.10%	71.30%	94.53%	94.53%
Deaths per 1 million - unvaccinated - all ages	97.4			
Deaths per 1 million - fully vaccinated, no booster - all ages	7.1			
Death rate per 1 million - fully vaccinated and booster - all ages	1.0			
Vaccine Approved for ages 12-16 May 2021 - % of 2 years available	33.33%			
Vaccine Approved for ages 5-11 Late October 2021 - % of 2 years available	12.50%			
Blended percent of 2 years vaccine has been available	24%			
Death rate - boosted vs. unvaccinated	1%			
Adjusted kid deaths per year, as if all boosted before vaccine approval (for 76% of months without vaccine, assume 97% lower mortality as if all were vaccinated and boosted)	89.3	0.9	0.02	0.00
Years until first likely death - fully boosted	0.0	1.1	51.0	312.4
Year of next death	2022	2023	2073	2334
Kid deaths from influenza, past 2 years, despite 58% flu vaccination rate				
858 vs. 770 for COVID-19				
More deadly to kids than COVID-19: driving, firearms, cancer, suffocation, drowning, poisoning, fire, and influenza				

Executive Summary

1. Seven of 735,613 Connecticut kids died of COVID-19 in the past two years, a rate of 5 per one million each year.
2. 34% of kids age 5-11 and 71% of age 12-17 are vaccinated in CT.
3. Across all ages, deaths are 97% lower with vaccine & booster vs. unvaccinated.
4. Vaccines have only been approved for kids ages 5-11 and 12-17 for 12% and 33% of the past two years, respectively.
Blending those rates, vaccines have only been approved 24% of the past two years.
5. Adjusting mortality for 97% lower death rate (vax & boosted) applied to blended proportion of time we have had vaccines available for kids, we would expect one child (under age 18) to die in CT each year in the future.
6. Using these assumptions, we should not expect the first child to die fo COVID-19 in Greenwich until the year 2073.

Sources

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Data believed to be accurate and assumptions reasonable