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The COVID-19 Pandemic

What's New

We have not yet won the war against the highly contagious and deadly COVID-19 virus. Sadly, the COVID-19 Pandemic death rate is 175 times greater than our War in Vietnam.

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COVID-19 DEATH RATE IN USA				
175 TIMES WORSE THAN VIETNAM WAR				
<small>APRIL 23, 2021</small>				
EVENT Time	TOTAL DEAD	TOTAL DAYS	DEAD PER DAY	DEATH RATE COVID-19 VIETNAM
COVID-19 PANDEMIC January 19, 2020 April 7, 2021	567,352	559	1,574	$\frac{1,574}{9} = 175$
VIETNAM WAR 1956 - 1974	58,220	6,570	9	—

<https://ourworldindata.org/covid-deaths>

Fortunately, currently available COVID-19 vaccines are saving lives, reducing hospitalizations and preventing death caused by this once in a century virus.

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VACCINE COMPARISONS					
	Moderna	Pfizer	Johnson + Johnson	AstraZeneca	Novavax
FDA Approved	Yes	Yes	Yes	No	No
Doses	2	2	1	2	2
COVID-19 Antigen Source	Spike mRNA	Spike mRNA	Spike mRNA in Adenovirus	Spike mRNA in Chimp Adenovirus	Recombinant Spike Nanoparticle
Ages	≥16 yrs	≥18 yrs	≥18 yrs	≥18 yrs	≥18 yrs
Efficacy					
Overall	90% 14 d post 2 nd dose	90% 14 d post 2 nd dose	72% 28 d post 1 st dose	76% 15 d post 2 nd dose	90% 7 d post 2 nd dose
Elderly	86% >65 yrs	95% >65 yrs	66% >60 yrs	Unknown	Unknown
Prevents Death	100%	100%	100%	100%	100%
Prevents Severe Disease	100%	90%	88%	100%	100%
Variant Coverage					
UK B.1.1.7	Partial coverage in lab tests	Partial coverage in lab tests	60% – 75%	75%	86%
South Africa B.1.351	Low coverage in lab tests	Low coverage in lab tests	64%	10%	49%
Brazil P.1	Low	Low	68%	Yes (preliminary)	Unknown

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