

Yes, getting a Covid-19 vaccine could be dangerous -- the CDC admits that as of February 19, 113 people have DIED after getting a vaccine!! But that's out of 13.8M doses. How do we assess that risk?

First off, every single person who dies for any reason after getting a vaccine is put into the Vaccine Adverse Event Reporting System (VAERS) at the CDC. It's quite possible that NONE of these deaths are actually due to the vaccine. But let's take the absolute worst case for now, and assume that EVERY ONE of those deaths were caused by the vaccine.

Given that worst-case assumption, I decided to ignore all the "religion and politics" and do my own calculations. I wanted to know the RELATIVE risk between getting vaccinated and some other risks many of us deal with on a daily basis. (Including, of course, the risk of getting infected with Covid-19 if you DON'T get vaccinated.) Here's what I came up with:

DEATHS PER MILLION (in one year)

8 – Covid-19 vaccinations

100 – snowmobile crashes

124 – automobile crashes

581 – motorcycle crashes

1000 – influenza (of those who get it)

>4089 – Covid-19 infections (all adults over 55yo)

(Tom Arneberg's personal calculations, 2/20/2021)

I added the ">" sign because that last number will be larger -- for deaths from Covid-19 infections, I am assuming for now that EVERY AMERICAN over 55 has already been infected. Even if that were true, the death rate from getting Covid is already 500 times greater than the death rate from getting vaccinated. That number (4089 deaths per million) will only grow as deaths grow, since the denominator is already capped at the total US population over 55.

Yes, it's true that some of those 4089 deaths per million from Covid may be dying WITH Covid, not dying FROM Covid. HOWEVER, those 8 deaths per million from getting the vaccine could ALSO be deaths WITH the vaccine, not deaths FROM the vaccine.

All my calculations and sources are below. If you spot any errors, let me know and I'll be glad to update my numbers! I'm just trying to be as honest and accurate as possible, and trying to do an "apples-to-apples" comparison of risk.

(One more note -- for the Covid deaths, I am only looking at those over 55. Covid is not nearly as dangerous for younger people. But I am 60, so those are the numbers I'm interested in. I'm assuming that so far, the vaccine has been given to mostly older people, but I don't have any data on that. I do know, however, that 2/3 of the vaccine deaths were in long-term-care facilities, so presumably those people would be at a much higher risk of death from Covid, too.)
P.S. -- I love freedom! I sure hope the government doesn't FORCE the vaccine on anyone. But I just wanted to explain why for myself, I think it's worth the risk to get vaccinated.

Calculations:

Vaccine deaths: $113 / 13.8M = 8/M$ (2/3 of the deaths were in long-term-care facilities)

Snowmobiling deaths: 200 deaths per year / 2M users

Automobile deaths: $12.4 / 100K = 124/M$

Motorcycle deaths: 5000 fatalities per year / 8.6M registered motorcycles

Influenza: World Health Org estimates 0.1% death rate = 1000/1M

Covid deaths: $229K / 56M$ (55 and older) = 4089/M

References:

Vaccine deaths (2/19/2021):

<https://www.cdc.gov/mmwr/volumes/70/wr/mm7008e3.htm>

Snowmobiling:

<https://pubmed.ncbi.nlm.nih.gov/12671482/#:~:text=Each%20year%20snowmobile%20accidents%20produce,can%20involve%20any%20organ%20system.>

Automobile deaths:

<https://www.asirt.org/safe-travel/road-safety-facts/#:~:text=More%20than%2038%2C000%20people%20die,for%20people%20aged%201%2D54.>

Motorcycle deaths:

<https://www.iii.org/fact-statistic/facts-statistics-motorcycle-crashes>

USA Population: 56M over 55 years old:

<https://www.infoplease.com/us/census/demographic-statistics>

Covid deaths (229K as of 2/17/2021 for those 55 and older):

https://www.cdc.gov/nchs/nvss/vsrr/covid_weekly/index.htm