The current reported risk of death for all age groups post full vaccination (2 doses) in the US is higher than all reported vaccine deaths in almost 4 decades. With an average age of death still over 81, most with 2 or more co-morbidities, the risk of death 'with' COVID 19 is almost non-existent for the majority of the population currently being vaccinated. The risk of death after a single dose of a vaccine appears lower than that for a full vaccination (2 doses and possibly further 'boosters'). However, we are not relying on a single dose for 'immunity'. The below findings are being seen in the USA, France, UK and Israel in similar numbers. (Israel <u>https://newtube.app/user/Dksdata/QFE4Qp7</u>).

For the UK, those numbers are two to 4 times higher per 100,000 for second doses with boosters (third dose) already starting. These are underestimates due to the known underreporting of vaccine injuries and the overestimated of 'WITH' COVID deaths due to known boas/fault in the PCR testing a reliance on Case Fatality Rate (CFR), not Infection Fatality Rate (IFR) for COVID.

On a single dose, the risk of death from the vaccine may appear lower than dying 'WITH' COVID 19. This is based on the reported CFR (not the actual the actual IFR) for all age groups of COVID 19. This does not consider age risk though. For COVID 19, the risk of death lowers significantly by age to almost zero below 70 years of age (with or without comorbidities). In Alberta, even with the questionable CFR rate it is 0.23 per 100,000 or 7 times lower than deaths reported post vaccination. (https://www.alberta.ca/stats/covid-19-alberta-statistics.htm). Below 80 years of age it jumps to 0.91 per 100,000 which is still approximately half the risk of death post vaccination after the first dose. For all age ranges this increases to 2.77 per 100,000 (still less than the reported risk for a double vaccinations).

The reported COVID 19 case and death rate is based on a questionable CFR with 90% of cases being asymptomatic (and at least 50% being false positives).

				A3 01 Widy 14(1), 2021		Vaccinations	Deaths per
Year	Reactions	Deaths	Months	Per month Reactions	Per month Deaths	Flu/Full Covid	100,000
2017	38,911	165	12	3,243	14	166,000,000	0.099
2018	49,138	165	12	4,095	14	166,000,000	0.099
2019	48,444	183	12	4,037	15	166,000,000	0.110
2020	46,263	166	12	3,855	14	166,000,000	0.100
2021	217,717	4,170	4.5	48,382	927	130,014,175	3.207

https://vaers.hhs.gov/data/datasets.html As of May 14th, 2021

https://usafacts.org/visualizations/covid-vaccine-tracker-states/

Based on Fully Vaccinated individuals (<u>https://usafacts.org/visualizations/covid-vaccine-tracker-states/</u>) the mortality rate of the vaccines in the US is 3.27 per 100,000. This puts the baseline risk of death, post vaccination, for a fully vaccinated person higher than dying 'WITH' COVID 19.

With a 50% (at best) PCR positive rate and 90%+ of cases being asymptomatic (non-infectious), the IFR is less than 5% of the reported CFR, most with multiple co-morbidities and an average age over 81 years old. If the VAERS data is truly only 1% of the actuals, that puts death post vaccination in the US at potentially at anything from 10 to 1,000 times more than death 'WITH' COVID' just for a **single dose (20 to 2,000 times for the second dose)**. Note that reported deaths (and adverse reactions) after vaccination are mostly in lower age groups and skewed towards women.

Year	Reactions	Deaths	Months	Per month Reactions	Per month Deaths	Vaccinations Flu/Single Covid	Deaths per 100,000
2017	38,911	165	12	3,243	14	166,000,000	0.099
2018	49,138	165	12	4,095	14	166,000,000	0.099
2019	48,444	183	12	4,037	15	166,000,000	0.110
2020	46,263	166	12	3,855	14	166,000,000	0.100
2021	217,717	4,170	4.5	48,382	927	285,720,586	1.459

https://vaers.hhs.gov/data/datasets.html As of May 14th, 2021

https://usafacts.org/visualizations/covid-vaccine-tracker-states/

VAERS (US) REPORTS 1% of all deaths and injuries.

https://thevaccinereaction.org/2020/01/only-one-percent-of-vaccine-reactions-reported-to-vaers/ https://digital.ahrq.gov/sites/default/files/docs/publication/r18hs017045-lazarus-final-report-2011.pdf

VAERS (US)

https://vaers.hhs.gov/data/datasets.html

2017 - Whole year, all vaccines. 165 reported deaths out of 38,911 adverse reactions reported.
2018 - Whole year, all vaccines. 165 reported deaths out of 49,138 adverse reactions reported.
2019 - Whole year, all vaccines. 183 reported deaths out of 48,444 adverse reactions reported.
2020 - Whole year, all vaccines. 166 reported deaths out of 46,263 adverse reactions reported.

2021 - Primarily COVID vaccine reactions due to current vaccination rollout.

- As of April 8th. 2,500 reported deaths out of 57,641 adverse reactions reported.
- As of April 16th. 3,084 reported deaths out of 75,364 adverse reactions reported.
- As of April 28th. 3,732 reported deaths out of 146,621 adverse reactions reported.
- As of May 7th. 4,016 reported deaths out of 182,560 adverse reactions reported.
- As of May 14th. 4,170 reported deaths out of 217,717 adverse reactions reported.

The above relates to all vaccines but is focused on a year over year comparison. These numbers do correlate to a significant increase in vaccine adverse impacts though directly related to COVID 19 vaccines when you look at the numbers for just COVID 19 vaccines starting mid December 2020 to May 7th, 2021. For JUST COVID 19 vaccines (including some 2020 data at the start of the rollout)

As of May 14th, 2021 Adverse effects **227,805 = 1 in 597 fully vaccinated people.** <u>https://medalerts.org/vaersdb/findfield.php?TABLE=ON&GROUP1=CAT&EVENTS=ON&VAX=COVID19</u>

Deaths 4,201 = 1 in 31,178 people fully vaccinated people.

https://www.medalerts.org/vaersdb/findfield.php?EVENTS=ON&VAX=COVID19&VAXTYPES=COVID-19&DIED=Yes

UK Normal years reactions for comparison.

https://vk.ovg.ox.ac.uk/vk/vaccine-side-effects

In the UK between 1997 and 2003 there were a total of **130 reports of anaphylaxis f**ollowing ALL immunisations. Around 117 million doses of vaccines were given in the UK during this period. This means that the overall rate of anaphylaxis is around 1 in 900,000."

Anaphylaxis. In COVID Vaccines alone in the UK – May 12th, 2021

Coronavirus vaccine - weekly summary of Yellow Card reporting - GOV.UK (www.gov.uk)

"The MHRA continues to monitor reports of serious allergic reactions with the **Pfizer/BioNTech** vaccine and has received **296** UK spontaneous adverse reactions associated with anaphylaxis or anaphylactoid reactions."

"The MHRA is closely monitoring reports of anaphylaxis with the COVID-19 Vaccine **Moderna** and has received **seven reports of anaphylaxis** in association with the vaccine."

"The MHRA also closely monitors reports of anaphylaxis or anaphylactoid reactions with the COVID-19 Vaccine **AstraZeneca**, and has received **643** UK spontaneous adverse reactions associated with anaphylaxis or anaphylactoid reactions reported and is very rare."

Reported **946** cases of Anaphylaxis in **LESS THAN FIVE MONTHS** for three vaccines vs. **130** cases of Anaphylaxis in **SIX YEARS** months for ALL vaccines.

Thrombo-embolic events with concurrent low platelets

"Up to 12 May 2021, the MHRA had received Yellow Card reports of **309** cases of major thromboembolic events (blood

clots) with concurrent thrombocytopenia (low platelet counts) in the UK following vaccination with COVID-19 Vaccine **AstraZeneca**."

Deaths and Adverse Reactions in the UK.

Pfizer As of May 12th.

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/977005/COVID-19_mRNA_Pfizer-_BioNTech_Vaccine_Analysis_Print.pdf

374 reported deaths out of 165,986 adverse reactions reported.

AstraZeneca

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/977006/COVID-19_vaccine_AstraZeneca_analysis_print.pdf

768 reported deaths out of 650,681 adverse reactions reported.

'Other' Covid Vaccine

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/977007/COVID-19_vaccine_brand_unspecified_analysis_print.pdf

16 reported deaths out of 2,010 adverse reactions reported.

In the UK, as of May 12th, 2021 there had been 1,158 deaths reported post vaccination and 818,677 adverse reactions.

Based on a single dose, the risk of death from the vaccine in the UK appears twice that of the US. This is based on the reported Case Fatality Rate (CFR) (not the actual the actual Infection Fatality Rate (IFR)) for all age groups of COVID 19. For vaccines, this appears to be reported deaths of 3.131 people per 100,000 (rising to 5.459 per 100,000 on a second dose). However, this does not take into account age risk. For COVID 19, the risk of death lowers significantly by age to almost zero below 70 years of age (without co-morbidities).

ONS UK	Reactions	Deaths	Months	Per month Reactions	Por month Dooths	First Dose	Deaths per 100,000
			WOITINS			First Dose	100,000
AZ	650,681	768	4	162,670	192		
Pfizer	165,986	374	4	41,497	94		
Other	2,010	16	4	503	4		
Total	818,677	1,158	4	204,6 69	290	36,985,505	3.131

In the UK between 1997 and 2003 there were a total of 130 reports of anaphylaxis following ALL immunisations. COVID Vacintions As of May 12th, 2021

ONS UK	Reactions	Deaths	Months	Per month Reactions	Per month Deaths	Full Covid	Deaths per 100,000		
AZ	650,681	768	4	162,670	192				
Pfizer	165,986	374	4	41,497	94				
Other	2,010	16	4	503	4				
Total	818,677	1,158	4	204,669	290	20,870,453	5.549		

Based on Fully Vaccinated individuals (<u>COVID-19: More than 70% of UK adults have now had a first coronavirus vaccine</u> dose | <u>UK News</u> | <u>Sky News</u>) the mortality rate of the vaccines in the UK is 5.549 per 100,000. This puts the baseline risk of death, post vaccination, for a fully vaccinated person at approximately four times that of dying 'WITH' COVID 19.

With 90% of cases being asymptomatic (and at least 50% being false positives) the actual IFR for COVID in the UK would, like the rest of the world, be much less than the reported CFR. This makes the actual risk of death by vaccine injury in the UK even higher than the US.