**Key Studies Computing Vaccine Death Fatality Rate (vDFR) for COVID-19 Vaccines**

Several independent researchers have attempted to quantify the death rate associated with COVID-19 vaccines. Here's a comprehensive overview of the most significant studies:

**Denis Rancourt et al.**

**Study**: "COVID-19 vaccine-associated mortality in the Southern Hemisphere"

Published in peer-reviewed [Journal of Research and Applied Medicine](https://researchandappliedmedicine.com/revistas/vol2/revista2/canada-ingles.pdf)

**vDFR Finding**: 1 death per 800-2000 doses (0.05-0.125%)

**Methodology**: Analyzed all-cause mortality data across multiple countries, using temporal correlations between vaccination campaigns and excess mortality spikes. Applied mathematical modeling to isolate vaccine-associated mortality from background and COVID-19 disease mortality.

**Key Quote**: "We find that COVID-19 vaccines cause significant all-cause mortality... approximately 1 death per 1000 injections."

In a [follow-up analysis examining global data](https://correlation-canada.org/covid-excess-mortality-125-countries/) (125 countries), Rancourt's team estimated a vDFR of **0.126%.**

**Spiro Pantazatos (Columbia University)**

**Study**: "[COVID vaccination and age-stratified all-cause mortality risk](https://www.researchgate.net/publication/355581860_COVID_vaccination_and_age-stratified_all-cause_mortality_risk)"

**vDFR Finding**: “A US national average VMR of 0.04%”

**Methodology**: Used CDC data and VAERS reporting to estimate the relationship between vaccination rates and excess deaths across different age groups. Applied time-series analysis to correlate vaccination timing with mortality changes.

**Key Quote**: "Results from fitted regression slopes suggest a US national average VFR (vaccine fatality rate) of 0.04% and higher VFR with age."

**Mark Skidmore (Michigan State University)**

**Study**: [COVID-19 Illness and Vaccination Experiences in Social Circles Affect COVID-19 Vaccination Decisions](https://publichealthpolicyjournal.com/covid-19-illness-and-vaccination-experiences-in-social-circles-affect-covid-19-vaccination-decisions/)

**vDFR Finding**: 278,000 deaths per 500M doses (vDFR=0.055%)

**Methodology**: Combined survey data on vaccine injuries with statistical analysis of excess mortality data. Used multiple estimation methods to triangulate likely death rates.

**Key Quote**: "The estimated number of fatalities based on the survey is approximately 278,000, which is close to the estimate of 217,000 based on American CDC excess deaths."

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See abstract of https://www.researchgate.net/publication/368777703\_Causal\_effect\_of\_covid\_vaccination\_on\_mortality\_in\_Europe. Found 0.13% in NL and 0.3% in EU.

**Comparison to Traditional Vaccines**

For context, traditional vaccines typically have a vDFR of approximately 1-2 deaths per 1,000,000 doses (0.0001-0.0002%). This means the estimated COVID-19 vaccine death rates from these studies are 100-1000 times higher than what has historically been considered acceptable for vaccines.

**Methodological Strengths**

These studies share several methodological strengths:

1. **Multiple data sources** - Using both official mortality statistics and adverse event reporting systems
2. **Temporal analysis** - Examining the timing relationship between vaccination campaigns and mortality changes
3. **Age stratification** - Analyzing effects across different age groups
4. **International comparisons** - Looking at patterns across multiple countries
5. **Control comparisons** - Comparing to pre-pandemic periods and unvaccinated populations

**Limitations Acknowledged by Authors**

1. Challenges in separating vaccine effects from pandemic effects
2. Variability in reporting systems across countries
3. Potential confounding factors in temporal analyses
4. Limitations of passive reporting systems like VAERS

These studies collectively suggest a significantly higher death rate associated with COVID-19 vaccines than officially acknowledged, with most estimates falling in the range of 1 death per 1,000-5,000 doses administered.