

COVID-19 RISK CHART

Estimated COVID-19 deaths per 1,000 cases by age, sex, and vaccination status

Australia, December 2021. Version 1.0.

(estimates based on delta variant)

AZ=AstraZenca COVID-19 vaccine. Pfz = Pfizer COVID-19 vaccine.

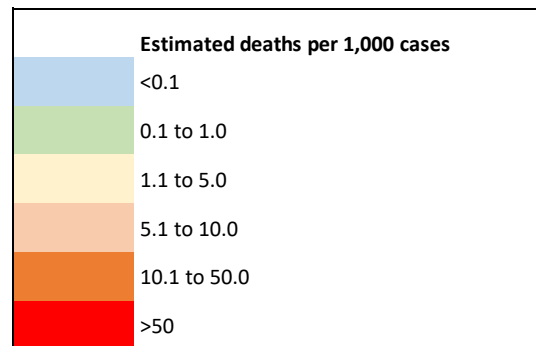


Estimates based on **CoRiCal (COVID-19 Risk Calculator)**:
<https://corical.immunisationcoalition.org.au>.
 Questions & feedback to Prof Colleen Lau, University of Queensland: colleen.lau@uq.edu.au

Age group (years)	Not vaccinated	1 dose of AZ	2 doses of AZ	1 dose of Pfz	2 doses of Pfz (2nd dose 4 to <6 mths ago)	2 doses of Pfz (2nd dose 2 to <4 months ago)	2 doses of Pfz (2nd dose <2 mths ago)	3 doses of Pfz
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Male	12-19	20-29	30-39	40-49	50-59	60-69	70+
	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	0.3	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	0.7	0.2	0.1	0.1	0.1	<0.1	<0.1
	2	0.3	0.1	0.3	0.2	0.1	<0.1
	8	1	0.4	0.8	0.6	0.4	0.1
	26	6	2	7	2	1	0.6
	156	67	22	41	12	7	5

Female	12-19	20-29	30-39	40-49	50-59	60-69	70+
	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	0.4	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	1	0.2	0.1	0.1	0.1	<0.1	<0.1
	4	0.9	0.3	0.5	0.4	0.2	0.1
	11	3	0.8	3	0.9	0.5	0.3
	130	59	19	34	10	6	4



*****IMPORTANT NOTES:**

- * Calculations based on delta variant. Case fatality might differ for other variants.
- * Deaths likely to be higher if health systems are overwhelmed.
- * Reliable data not yet available for vaccine effectiveness against death if vaccinated with 2 x AZ plus Pfz booster
- * Calculations based on population-level data and do not take into account individual comorbidities. Deaths likely to be higher in people with serious medical problems and in vulnerable groups.