

Relatable risks

Please note these relative risks have not been adjusted for age or sex differences.

Event	Risk	Note	Evidence
Chance of winning the Australian Powerball 1 st Division lotto in any given draw	1 in 134,490,400		1
Chance of dying from being struck by lightning in a year in Australia	1 in 4,000,000	This is a conservative estimate of the average risk of death from lightning strike, assuming 10 deaths per year and dividing by 26 million (Australia's approximate population), and going a bit lower than this to be safe, which comes to 0.25 cases per million.	2,3
Chance of being killed by an asteroid impact in a lifetime	1 in 700,000		4
Chance of being in a fatal car accident in a year in Australia	1 in 17,953	Based on provided source citing 5.57 road fatalities per 100,000 registered motor vehicles. This statistic has been presented as an average for the driving population of Australia; in reality, this may be dependent on individual factors such as age and health condition.	5
Chance of bowling a perfect game in any given match	1 in 11,500		6
Chance of being bitten by a snake in a year in Australia	1 in 8667	Based on 26 million (Australia's approximate population), divided by provided source citation of ~3000 snakebites per year in Australia. This statistic has been presented as an average for the population of Australia; in reality, this may be dependent on lifestyle and location within Australia.	7
Chance of being diagnosed with melanoma in a year in Australia	1 in 1958	Based on 26 million (Australia's approximate population), divided by provided source citation of an estimated 13,280 new cases of melanoma diagnosed in 2016 in Australia. This statistic has been	8

		presented as an average for the population of Australia; in reality, this may be dependent on individual factors such as age and health condition.	
Chance of cracking a double-yolk egg on any given crack	1 in 1000		9
Chance of having a non-IVF pregnancy result in twins	1 in 250	This statistic has been presented as population of Australia that is able to become pregnant; in reality, this may be dependent on individual factors such as age and genetics.	10
Chance of being left-handed	1 in 10		11
Chance of being audited in a year in Australia	1 in 7	Based on provided source citations of 14.7 million Australian taxpayers divided by 2 million taxpayers audited per year.	12,13
Chance of getting food poisoning in a year in Australia	1 in 6	Based on 26 million (Australia's approximate population) divided by provided source citation of 4.1 million Australians affected by food poisoning annually.	14
Chance of a baby born in Australia today living to 100	1 in 3	This statistic has been presented as an average for the population of Australia; in reality, this may be dependent on individual factors such as ethnicity and genetics.	15

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