

20/11/2020 Gmail - Re: Age-adjusted mortality

**Catherine Bennett** <catherine.bennett@deakin.edu.au> 22 October 2020 at 09:46 To: Geoffrey Coombs [geoffasa@gmail.com](mailto:geoffasa@gmail.com)

To report individual year data can just use crude, but if you want to compare mortality across years, or across populations, that have different age structures you must age adjust.

This involves taking the age specific rates in each age band and applying the to a “standard population”, this is why ABS use 2001 so they have a consistent standard being used. you then repeat the same exercise for last year etc etc

Age adjusted mortality values have no meaning in own right, but tell you if the net effect of changes in age specific mortality is an increase compared with other years.

You don't compare age adjusted rates to crude, these are only used to compare across years. This should be pretty constant if age specific rates remain stable and it's just the population aging that's changing the crude rates.

if you do find a shift across years in age adjusted rates, you can then drill down and look at the age specific rates across those particular years to see where the shift is hope this helps