



Cancer deaths attributable to alcohol in New Zealanders under 80

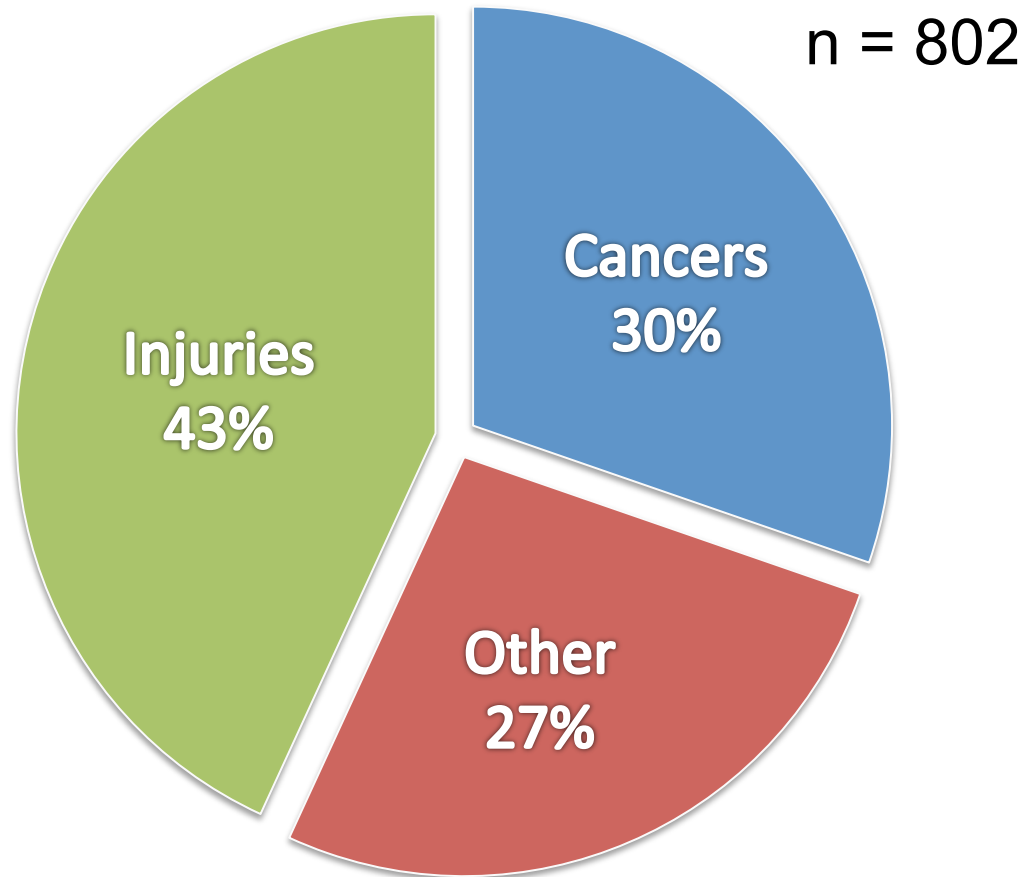
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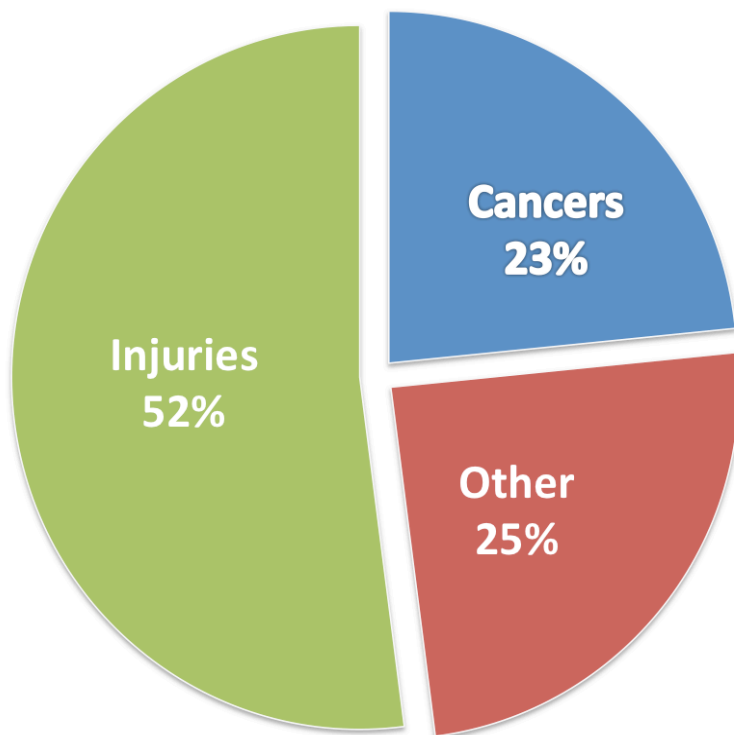


All alcohol-attributable deaths in NZ under 80 years of age, 2007

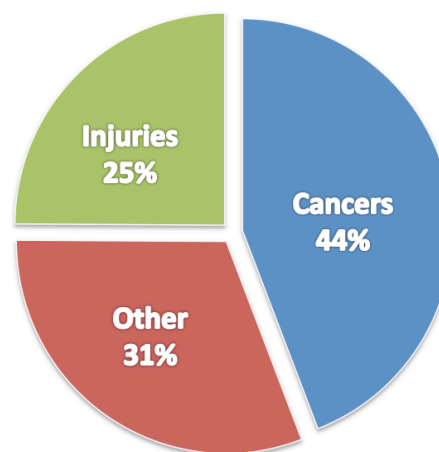


Alcohol-attributable deaths in NZ, 2007

Men (n= 537)



Women (n= 265)



What do we mean by cause?

International Agency for Research on Cancer (IARC)

Alcohol is a carcinogen for

- mouth/oropharynx, oesophagus, larynx, liver (1988)
- female breast, colon, rectum (2010)

“Group I: The agent is carcinogenic to humans.

This category is used when there is sufficient evidence of carcinogenicity in humans.”

“Sufficient evidence of carcinogenicity: The Working Group considers that a causal relationship has been established between exposure to the agent and human cancer.”

Sites of alcohol-related cancers

- Mouth/oropharynx
- Larynx
- Oesophagus
- Liver
- Colon
- Rectum
- Female breast

pancreas
prostate
skin (melanoma)
stomach

Estimated alcohol-attributable cancer deaths under 80 years of age (by cancer site, sex, and ethnicity) 2007

	Māori		Non-Māori		Total*
	Men	Women	Men	Women	
Mouth/oropharynx	4	0	27	6	38
Oesophagus	3	0	31	5	39
Colon	1	2	15	17	35
Rectum	2	0	16	8	26
Liver	5	1	15	4	25
Laryngeal	1	0	5	1	8
Female breast	-	12	-	60	71
All sites	17	15	109	101	243

*Totals may vary due to rounding of the disaggregated estimates

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All New Zealanders under 80 years (2007)

243 cancer deaths attributable to alcohol in a year

126 in men; 117 in women

4.2% of all cancer deaths

1 in 25

Alcohol-related breast cancer in NZ women < 80

60% of all alcohol-related cancer deaths

14% of all breast cancer deaths

1 in 7

2.6% of all cancer deaths in women < 80y

1 in 40

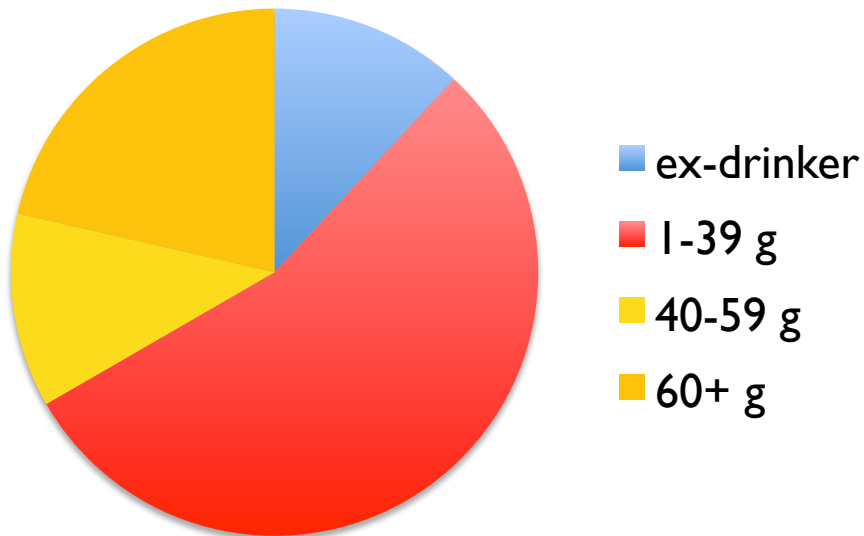
Years of life lost from alcohol-attributable cancer deaths under 80 years, 2007

	Total YLL	Average YLL
Mouth/oropharynx	366	9.7
Oesophagus	352	9.0
Colon	299	8.5
Rectum	247	9.4
Liver	271	10.7
Larynx	65	8.5
Female breast	935	13.1
All sites	2536	10.4

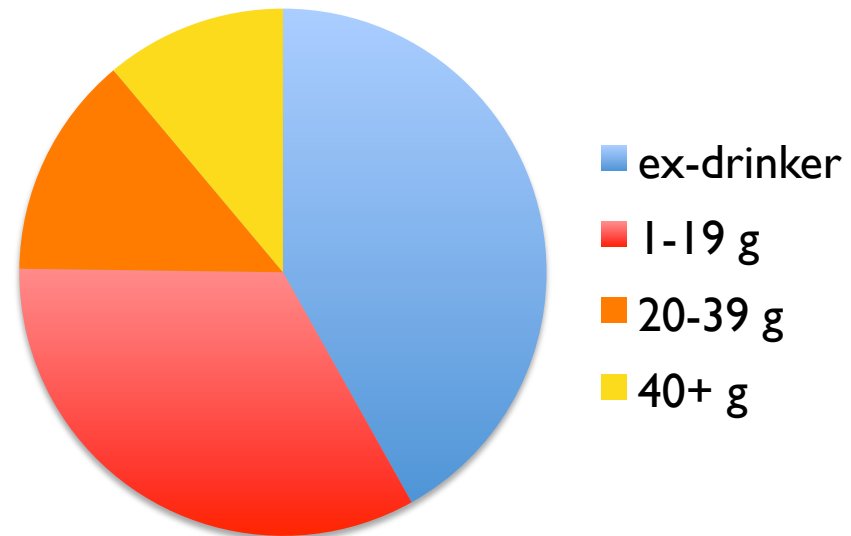
Average YLL for Māori 12.7; non-Māori 10.1 years

Cancer deaths attributable to different levels of average daily drinking

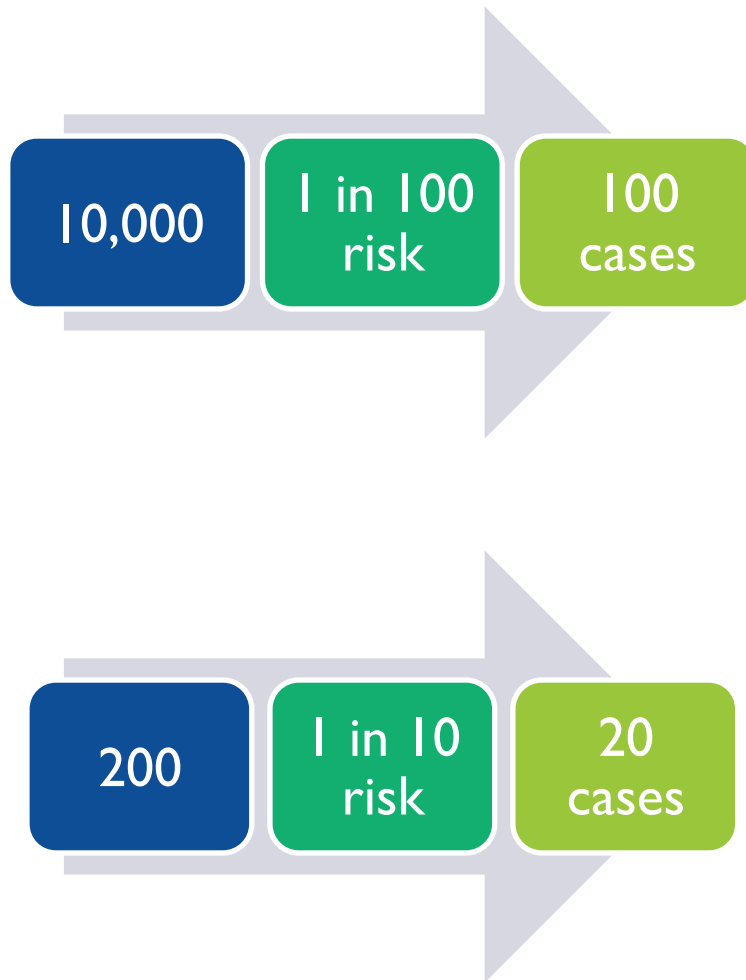
Men



Women

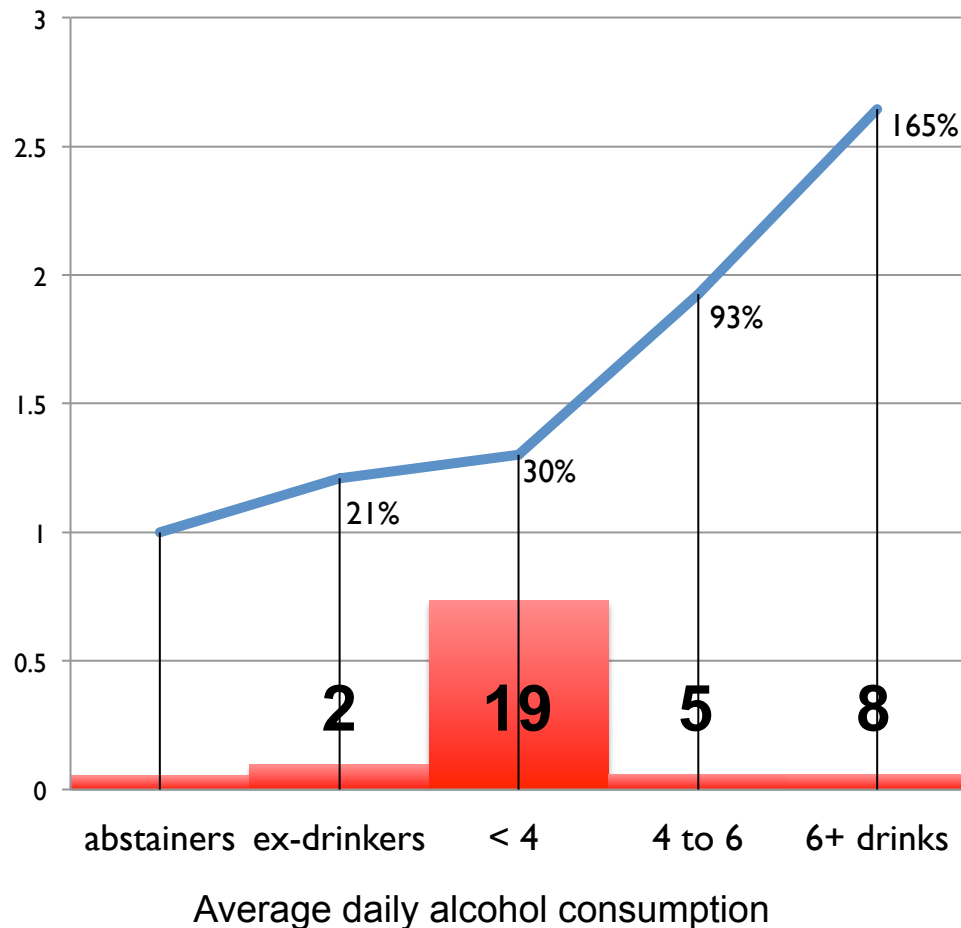


Prevention paradox



Prevention paradox

Risk of oesophageal cancer death in NZ men, 2007



Thanks to Robyn Kydd, Kevin Shield and Jürgen Rehm.

The report on “*The alcohol-attributable burden of disease and injury in New Zealand*” was commissioned by the Alcohol Advisory Council on NZ

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