

## Metadata: Melanoma deaths

Information topic	Details
Indicator name	<b>Melanoma deaths</b>
Domain and topic	UV exposure domain: Melanoma
Rationale	Melanoma is a type of skin cancer, and most melanoma is caused by UV exposure. Risk factors for melanoma include sun exposure, fair skin, and childhood sun exposure/sunburns.
Indicator definition and units	Mortality rates for melanoma, per 100,000. Melanoma is defined as melanoma of the skin (ICD-10 AM C43).
Data source	New Zealand Mortality Collection, Ministry of Health
Numerator	Number of melanoma deaths (ICD-10-AM C43). Non-residents have been excluded from the analysis.
Denominator	Population estimates (mid-year), prepared by Statistics New Zealand.
Time periods covered:	From 2001 onwards
Population coverage:	New Zealand usually resident population of all ages.
Reporting variables	Results are presented by year, sex, age group, ethnic group, NZDep2013, and DHB. Rates are per 100,000 people, and have been age-standardised to the WHO world standard population (Ahmad et al 2001), to account for different age structures of populations.
Confidence intervals	95% confidence intervals were calculated based on the methodology outlined in APHO (2008). Confidence intervals are presented as error bars on graphs.
Limitations of indicator and data source	These data relate to the deaths due to melanoma. Limitations include the following. <ul style="list-style-type: none"> <li>The reported year was the year of death registration, not the year of deaths.</li> </ul>
International comparisons	International comparisons for melanoma deaths are sourced from IARC (2014).
Related indicators	Daily UV levels Melanoma cancer registrations Non-melanoma skin cancer deaths
For more information	See references

References	<p>Ahmad, O.B., et al. (2001). <i>Age Standardization of Rates: A New WHO Standard (Technical Report)</i>. GPE Discussion Paper Series: No. 31. Geneva: World Health Organization.</p> <p>APHO. (2008). <i>Technical Briefing 3: Commonly used public health statistics and their confidence intervals</i>. York, UK: Association of Public Health Observatories.</p> <p>IARC. 2014. GLOBOCAN 2012: Estimated cancer incidence, mortality and prevalence worldwide in 2012. Retrieved September 2017 from <a href="http://globocan.iarc.fr/Pages/summary_table_site_prev_sel.aspx">http://globocan.iarc.fr/Pages/summary_table_site_prev_sel.aspx</a></p>
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