

## Metadata

| Information topic               | Details   |
|---------------------------------|---|
| Indicator name                  | <b>Melanoma cancer registrations</b>  |
| Domain and topic                | UV exposure domain: Melanoma  |
| Indicator definition and units  | Registration rates for melanoma, per 100,000. Melanoma is defined as melanoma of the skin (ICD-10 AM C43).  |
| Data source                     | New Zealand Cancer Registry, Ministry of Health   |
| Numerator                       | Number of melanoma registrations (ICD-10-AM C43). Non-residents have been excluded from the analysis.   |
| Denominator                     | Population estimates (mid-year), prepared by Statistics New Zealand.  |
| Methodology                     | Prioritised ethnicity has been used, in the following order: Māori, Pacific, Asian, European/Other. Results are presented by year, gender, age group, ethnic group, NZDep2013, urban/rural 2013 classification, and district health board (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. |
| Time period and time scale      | From 2001–2016. Data for each year is recorded in the original source but has occasionally been compiled to provided moving averages for a range of years to provide sufficient data for analysis.  |
| Population coverage             | New Zealand usually resident population of all ages.  |
| Spatial Coverage                | All New Zealand   |
| Measures of frequency           | Results are presented by year, sex, ethnic group, NZDep2013, urban/rural classification and DHB.  |
| Confidence interval methodology | 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        | The reported year of registration is the year the cancer was formally recorded, not necessarily the actual year it was developed.   |
| Limitations of data source      | As above.   |
| Created by                      | New Zealand Ministry of Health  |
| Related indicators              | Daily UV levels<br>Melanoma cancer registrations  |

## Metadata

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|----------------------|---|
|                      | 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> |