National Healthcare Agreement: PI 20-Potentially avoidable deaths, 2011

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# National Healthcare Agreement: PI 20-Potentially avoidable deaths, 2011

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Progress measure |
| Short name: | PI 20-Potentially avoidable deaths, 2011 |
| METEOR identifier: | 421653 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011 |
| Description: | Deaths that are potentially avoidable within the present health system: • potentially preventable deaths are those amenable to screening and primary prevention such as immunisation • deaths from potentially treatable conditions are those amenable to therapeutic interventions |
| Indicator set: | [National Healthcare Agreement (2011)](https://meteor.aihw.gov.au/content/423587)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011 |
| Outcome area: | [Primary and Community Health](https://meteor.aihw.gov.au/content/393484)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 07/07/2010 |
| Data quality statement: | [National Healthcare Agreement: PI 20-Potentially avoidable deaths, 2011 QS](https://meteor.aihw.gov.au/content/448029)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 04/12/2012 |

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| Collection and usage attributes | |
| Population group age to: | Less than 75 years |
| Computation description: | Deaths are defined as avoidable in the context of the present health system.  ICD-10 codes in scope are as specified below:     |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Cause of death group** | **ICD-10 Codes** | **Limits (age, sex)** | **Treatable** | **Preventable** | | **Infections** |  |  |  |  | | Tuberculosis | A15–A19, B90 |  | X |  | | Selected invasive bacterial and protozoal infections | A38–A41, A46, A48.1 B50–B54, G00,G03, J02.0, J13–J15, J18, L03 |  | X |  | | Hepatitis | B15–B19 |  |  | X | | HIV/AIDS | B20–B24 |  |  | X | | Viral pneumonia and influenza | J10, J12, J17.1, J21 |  |  | X | | Enteritis and other diarrhoeal disease | A00–A09 |  |  | X | | Childhood vaccine-preventable diseases | A35–A37, A49.1, A49.2, A80, B01, B05–B06, J11 | 0–14 |  | X | | Sexually transmitted diseases, except HIV/AIDS | A50–A64, M02.3, N34.1, N70–N73, N75.0, N75.1, N76.4, N76.6, O00 |  |  | X | | Ear infections—otitis media and mastoiditis | H65–H70 |  | X |  | | Upper respiratory tract infection | J00–J06 |  | X |  | | **Cancer** |  |  |  |  | | Lip, oral cavity and pharynx | C00–C14 |  |  | X | | Oesophagus | C15 |  |  | X | | Stomach | C16 |  |  | X | | Colorectal | C18–C21 |  | X |  | | Liver | C22 |  |  | X | | Lung | C33, C34 |  |  | X | | Melanoma of skin | C43 |  | X |  | | Non-melanocytic skin | C44 |  | X |  | | Breast | C50 | Female | X |  | | Cervix | C53 |  | X |  | | Uterus | C54, C55 |  | X |  | | Bladder | C67 |  | X |  | | Thyroid | C73 |  | X |  | | Hodgkin’s disease | C81 |  | X |  | | Lymphoid leukaemia—acute/chronic | C91.0, C91.1 |  | X |  | | Benign cancers | D10–D36 |  | X |  | | Malignant neoplasm of testis | C62 |  |  | X | | Malignant neoplasm of eye and adnexa | C69 |  |  | X | | Diabetes | E10–E14 |  | X (0.5) | X (0.5) | | **Drug use disorders** |  |  |  |  | | Alcohol related disease | F10, I42.6, K29.2, K70 |  |  | X | | Illicit drug use disorders | F11–F16, F18, F19 |  |  | X | | Epilepsy | G40, G41 |  | X |  | | **Diseases of the circulatory system** |  |  |  |  | | Rheumatic and other valvular heart disease | I01–I09 |  | X |  | | Hypertensive heart disease | I11 |  | X |  | | Ischaemic heart disease | I20–I25 |  | X (0.5) | X (0.5) | | Cerebrovascular diseases | I60–I69 |  | X (0.5) | X (0.5) | | Aortic aneurysm | I71 |  |  | X | | Phlebitis and thrombophlebitis of other deep vessels of lower extremities | I80.2 |  |  | X | | Pulmonary embolism | I26 |  |  | X | | **Diseases of the genitourinary system** |  |  |  |  | | Nephritis and nephrosis | I12, I13, N00–N09, N17–N19 |  | X |  | | Obstructive uropathy & prostatic hyperplasia | N13, N20, N21, N35, N40 |  | X |  | | **Diseases of the respiratory system** |  |  |  |  | | COPD | J40–J44 | 45–74 years |  | X | | Asthma | J45, J46 | 0–44 years | X |  | | **Diseases of the digestive system** |  |  |  |  | | Peptic ulcer disease | K25–K28 |  | X |  | | Diseases of appendix; hernia; disorders of gallbladder, biliary tract, and pancreas | K35–K38, K40–K46, K80–K83, K85, K86 |  | X |  | | Chronic liver disease (excluding alcohol-related disease) | K73, K74 |  |  | X | | **Maternal & infant causes** |  |  |  |  | | Birth defects | H31.1, P00, P04, Q00–Q99 |  | X |  | | Complications of perinatal period | P03, P05–P95 |  | X |  | | **Unintentional injuries** |  |  |  |  | | Road traffic injuries | V01–V04, V06, V09–V80, V87, V89, V99 |  |  | X | | Falls | W00-W19 |  |  | X | | Fires, burns | X00-X09 |  |  | X | | Accidental poisonings | X40-X49 |  |  | X | | Drownings | W65-W74 |  |  | X | | War | Y36 |  |  | X | | **Intentional injuries** |  |  |  |  | |  | | Suicide and self-inflicted injuries | X60-X84, Y87.0, Y10-Y34 |  |  | X | |  | | Violence | X85-Y09, Y87.1 |  |  | X | |  | | **Other conditions** |  |  |  |  | | Nutritional deficiency anaemia | D50–D53 |  |  | X | | Thyroid disorders | E00–E07 |  | X |  | | Adrenal disorders | E24, E27 |  | X |  | | Congenital metabolic disorders | E25, E70.0, E74.2 |  | X |  | | Osteomyelitis and other osteopathies of bone | M86, M89–M90 |  |  | X | | Complications of pregnancy, labour or the puerperium | O01–O99 |  |  | X | | Misadventures to patients during surgical and medical care | Y60–Y69 |  |  | X | | Medical devices associated with adverse incidents in diagnostic & therapeutic use | Y70–Y82 |  |  | X | | Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure | Y83–Y84 |  |  | X |     Rates are age-standardised  Presented per 100,000 population. |
| Computation: | 100,000 x (Numerator ÷ Denominator)  Calculated separately for ‘preventable’ and ‘treatable’ categories. |
| Numerator: | Number of deaths of persons aged less than 75 categorised as potentially avoidable |
| Numerator data elements: | **Data Element / Data Set**  [Person—underlying cause of death, code (ICD-10 2nd edn) ANN-ANN](https://meteor.aihw.gov.au/content/307931)  **Data Source**  [ABS Causes of Death Collection](https://meteor.aihw.gov.au/content/394490)  **Guide for use**  Data source type: Registry |
| Denominator: | Population aged less than 75 years |
| Denominator data elements: | **Data Element / Data Set**Person—estimated resident population of Australia  **Data Source**  [ABS Estimated resident population (total population)](https://meteor.aihw.gov.au/content/393625)  **Guide for use**  Data source type: Census-based plus administrative by-product data    **Data Element / Data Set**Person—estimated resident population of Australia  **Data Source**  [ABS Indigenous experimental estimates and projections (2001 Census-based)](https://meteor.aihw.gov.au/content/394092)  **Guide for use**  Data source type: Census-based plus administrative by-product data    **Data Element / Data Set**  [Person—age, total years N[NN]](https://meteor.aihw.gov.au/content/303794)  **Data Source**  [ABS Estimated resident population (total population)](https://meteor.aihw.gov.au/content/393625)  **Guide for use**  Data source type: Census-based plus administrative by-product data    **Data Element / Data Set**  [Person—age, total years N[NN]](https://meteor.aihw.gov.au/content/303794)  **Data Source**  [ABS Indigenous experimental estimates and projections (2001 Census-based)](https://meteor.aihw.gov.au/content/394092)  **Guide for use**  Data source type: Census-based plus administrative by-product data |
| Disaggregation: | 2007 and 2008— Nationally, by Indigenous status  2003–2007 and 2004–2008—State and territory, by Indigenous status  Disaggregations within individual jurisdictions are subject to data quality considerations. Some disaggregations may result in numbers too small for publication. Disaggregation by Indigenous status will be based on data only from jurisdictions for which the quality of Indigenous identification is considered acceptable. |
| Disaggregation data elements: | **Data Element / Data Set**  [Person—Indigenous status, code N](https://meteor.aihw.gov.au/content/291036)  **Data Source**  [ABS Causes of Death Collection](https://meteor.aihw.gov.au/content/394490)  **Guide for use**  Data source type: Registry    **Data Element / Data Set**  [Person—area of usual residence, geographical location code (ASGC 2007) NNNNN](https://meteor.aihw.gov.au/content/362291)  **Data Source**  [ABS Causes of Death Collection](https://meteor.aihw.gov.au/content/394490)  **Guide for use**  Data source type: Registry Used for disaggregation by state/territory |
| Comments: | Theoretically, this indicator could be adjusted for levels of community morbidity and risk factor prevalence. Or, information on risk factor prevalence and community morbidity could be used to assist interpretation of the indicator. There are currently no methods developed to undertake such adjustments.  The 75 years age cut-off is somewhat arbitrary, and will have different effects on different causes of death. For example, most car accident deaths will be included, but many hip fracture deaths will not be included.  Interpreting a change or difference in a mortality rate is problematic, as the change or difference could reflect variation in disease incidence, survival (case fatality) or both.  Due to small number of Indigenous deaths reported each year, 5 year combined data will be reported for the current reporting period.  Most recent data available for 2011 CRC report:  2007 (updated for national total with only 5 jurisdictions and ABS revised cause of death data) and 2008 (Total population)  Aggregated data (2003–2007) and (2004–2008) (Indigenous status) |
| Representational attributes | |
| Representation class: | Rate |
| Data type: | Real |
| Unit of measure: | Person |
| Format: | NN[N].N |
| Indicator conceptual framework | |
| Framework and dimensions: | [Deaths](https://meteor.aihw.gov.au/content/392575) |
| Data source attributes | |
| Data sources: | **Data Source**  [ABS Estimated resident population (total population)](https://meteor.aihw.gov.au/content/393625)  **Frequency**  Quarterly  **Data quality statement**  [ABS Estimated resident population (total population), QS](https://meteor.aihw.gov.au/content/449216)  **Data custodian**  Australian Bureau of Statistics    **Data Source**  [ABS Causes of Death Collection](https://meteor.aihw.gov.au/content/394490)  **Frequency**  Annual  **Data quality statement**  [ABS causes of death collection, QS](https://meteor.aihw.gov.au/content/449206)  **Data custodian**  Australian Bureau of Statistics    **Data Source**  [ABS Indigenous experimental estimates and projections (2001 Census-based)](https://meteor.aihw.gov.au/content/394092)  **Frequency**  Periodic  **Data quality statement**  [ABS Indigenous experimental estimates and projections, QS](https://meteor.aihw.gov.au/content/449223)  **Data custodian**  Australian Bureau of Statistics |
| Accountability attributes | |
| Reporting requirements: | National Healthcare Agreement |
| Organisation responsible for providing data: | Australian Bureau of Statistics (ABS). |
| Benchmark: | [National Healthcare Agreement: PB 02—By 2018, reduce the national smoking rate to 10 per cent of the population and halve the Indigenous smoking rate (Baseline specification), 2011](https://meteor.aihw.gov.au/content/428921) |
| Further data development / collection required: | Specification: Interim |
| Relational attributes | |
| Related metadata references: | Supersedes [National Healthcare Agreement: P20-Potentially avoidable deaths, 2010](https://meteor.aihw.gov.au/content/394495)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 08/06/2011  Has been superseded by [National Healthcare Agreement: PI 20-Potentially avoidable deaths, 2012](https://meteor.aihw.gov.au/content/443685)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 25/06/2013  See also [National Healthcare Agreement: PB 02-By 2018, reduce the national smoking rate to 10 per cent of the population and halve the Indigenous smoking rate (Baseline specification), 2011](https://meteor.aihw.gov.au/content/428921)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PB 03-By 2017, increase by five percentage points the proportion of Australian adults and children at a healthy body weight, over the 2009 baseline (Baseline specification), 2011](https://meteor.aihw.gov.au/content/428946)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PB 08-Close the life expectancy gap for Indigenous Australians within a generation, 2011](https://meteor.aihw.gov.au/content/429190)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PB 09-Halve the mortality gap for Indigenous children under five within a decade, 2011](https://meteor.aihw.gov.au/content/429297)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PI 05-Proportion of persons obese, 2011](https://meteor.aihw.gov.au/content/421691)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PI 06-Proportion of adults who are daily smokers, 2011](https://meteor.aihw.gov.au/content/421689)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PI 07-Proportion of adults at risk of long-term harm from alcohol, 2011](https://meteor.aihw.gov.au/content/421687)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PI 09-Immunisation rates for vaccines in the national schedule, 2011](https://meteor.aihw.gov.au/content/421684)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PI 18-Life expectancy, 2011](https://meteor.aihw.gov.au/content/421657)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PI 19-Infant and young child mortality rate, 2011](https://meteor.aihw.gov.au/content/421655)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PI 22-Selected potentially preventable hospitalisations, 2011](https://meteor.aihw.gov.au/content/421649)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011  See also [National Healthcare Agreement: PI 43-Unplanned/unexpected readmissions within 28 days of selected surgical admissions, 2011](https://meteor.aihw.gov.au/content/421607)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011  See also [National Healthcare Agreement: PI 59-Age-standardised mortality by major cause of death, 2011](https://meteor.aihw.gov.au/content/421594)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011 |