National Healthcare Agreement: P44-Survival of people diagnosed with cancer, 2010

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# National Healthcare Agreement: P44-Survival of people diagnosed with cancer, 2010

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Indicator |
| Short name: | Survival of people diagnosed with cancer, 2010 |
| METEOR identifier: | 395085 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 08/06/2011 |
| Indicator set: | [National Healthcare Agreement (2010)](https://meteor.aihw.gov.au/content/392471)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 08/06/2011 |
| Outcome area: | [Hospital and Related Care](https://meteor.aihw.gov.au/content/393487)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 07/07/2010  [National Health Performance Authority (retired)](https://meteor.aihw.gov.au/RegistrationAuthority/8), Retired 01/07/2016 |
| Data quality statement: | [National Healthcare Agreement: P44-Survival of people diagnosed with cancer, 2010 QS](https://meteor.aihw.gov.au/content/393045)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 08/06/2011 |

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| Collection and usage attributes | |
| Computation description: | People in the denominator are matched for age (to match to ‘age at diagnosis’ for people in the cancer cohort), sex and calendar year. Analysis will be undertaken using the ‘cohort’ method of calculation. See AIHW 2008, *Cancer survival and prevalence in Australia: Cancers diagnosed from 1982 to 2004*, Cancer Series no. 42. Cat. no. CAN 38. |
| Computation: | 100 x (Numerator ÷ Denominator) |
| Numerator: | Proportion of people diagnosed with cancer who survived for five years after diagnosis |
| Numerator data elements: | **Data Element / Data Set**  **Data Element**  Age at diagnosis  **Data Source**  [Australian Cancer Database](https://meteor.aihw.gov.au/content/393621)  **Guide for use**  Data source type: Registry data Used in 'age at diagnosis' calculation  **Data Element / Data Set**  [Patient—diagnosis date (cancer), DDMMYYYY](https://meteor.aihw.gov.au/content/270061)  **Data Source**  [Australian Cancer Database](https://meteor.aihw.gov.au/content/393621)  **Guide for use**  Data source type: Registry data Used in 'age at diagnosis' calculation  **Data Element / Data Set**  [Person—date of death, DDMMYYYY](https://meteor.aihw.gov.au/content/287305)  **Data Source**  [Australian Cancer Database](https://meteor.aihw.gov.au/content/393621)  **Guide for use**  Data source type: Registry data  **Data Element / Data Set**  [Person—date of death, DDMMYYYY](https://meteor.aihw.gov.au/content/287305)  **Data Source**  [National Death Index (NDI)](https://meteor.aihw.gov.au/content/395083)  **Guide for use**  Data source type: Administrative by-product data NDI is used for linkage with the Australian Cancer Database to update additional death information  **Data Element / Data Set**  [Person—sex, code N](https://meteor.aihw.gov.au/content/287316)  **Data Source**  [Australian Cancer Database](https://meteor.aihw.gov.au/content/393621)  **Guide for use**  Data source type: Registry data |
| Denominator: | Proportion of similar people in the general population who survived for the same period. 'Similar people' are matched to the cancer cohort in the numerator for age, sex and calendar year. |
| Denominator data elements: | **Data Element / Data Set**  **Data Element**  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 ABS Estimated Resident Population (generated life tables)  **Data Element / Data Set**  **Data Element**  Mortality identifier  **Data Source**  [AIHW National Mortality Database](https://meteor.aihw.gov.au/content/395084)  **Guide for use**  Data source type: Registry data Used to identify number of deaths  **Data Element / Data Set**  [Person—sex, code N](https://meteor.aihw.gov.au/content/287316)  **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 ABS Estimated Resident Population (generated life tables)  **Data Element / Data Set**  [Person—sex, code N](https://meteor.aihw.gov.au/content/287316)  **Data Source**  [AIHW National Mortality Database](https://meteor.aihw.gov.au/content/395084)  **Guide for use**  Data source type: Registry 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 ABS Estimated Resident Population (generated life tables)  **Data Element / Data Set**  [Person—age, total years N[NN]](https://meteor.aihw.gov.au/content/303794)  **Data Source**  [AIHW National Mortality Database](https://meteor.aihw.gov.au/content/395084)  **Guide for use**  Data source type: Registry data |
| Disaggregation data elements: | **Data Element / Data Set**  [Person (address)—Australian postcode, code (Postcode datafile) {NNNN}](https://meteor.aihw.gov.au/content/287224)  **Data Source**  [Australian Cancer Database](https://meteor.aihw.gov.au/content/393621)  **Guide for use**  Data source type: Registry data Used for disaggregation by remoteness area and SEIFA of residence at diagnosis  **Data Element / Data Set**  [Person—sex, code N](https://meteor.aihw.gov.au/content/287316)  **Data Source**  [Australian Cancer Database](https://meteor.aihw.gov.au/content/393621)  **Guide for use**  Data source type: Registry data |
| Comments: | Specified disaggregation: Nationally: sex, remoteness area, SEIFA of residence at diagnosis.  Available disaggregation: Nationally: sex, remoteness area, SEIFA of residence at diagnosis.  Data are currently produced irregularly, according to funded adhoc requests.  Most recent data available for 2010 CRC baseline report: Survival proportions for cancer diagnosed in 1998-2004. |
| Representational attributes | |
| Representation class: | Percentage |
| Data type: | Real |
| Unit of measure: | Person |
| Format: | NN.N |
| Indicator conceptual framework | |
| Framework and dimensions: | [Effectiveness](https://meteor.aihw.gov.au/content/392587) |
| 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**  [Australian Cancer Database](https://meteor.aihw.gov.au/content/393621)  **Frequency**  Annual  **Data custodian**    Australian Institute of Health and Welfare    **Data Source**  [AIHW National Mortality Database](https://meteor.aihw.gov.au/content/395084)  **Frequency**  Annual  **Data custodian**    Australian Institute of Health and Welfare    **Data Source**  [National Death Index (NDI)](https://meteor.aihw.gov.au/content/395083)  **Frequency**  Annual  **Data custodian**    Australian Institute of Health and Welfare |
| Accountability attributes | |
| Reporting requirements: | National Healthcare Agreement |
| Organisation responsible for providing data: | Australian Institute of Health and Welfare |
| Further data development / collection required: | Specification: Long-term  A National Minimum Data Set (NMDS) for Cancer Registry data is under development.  Indigenous identification data are not considered to be adequate enough to support analysis or generation of life tables and are therefore in need of improvement to allow reporting by Indigenous status in future.  The indicator as currently specified is not age adjusted which limits comparability across groups and over time. The period method of calculating relative survival may be more appropriate for long-term trend analysis, but would require some developmental work.  Cancer ‘staging’ and ‘treatment’ data are not currently available nationally and cancer survival analysis would benefit greatly from this additional information. |
| Other issues caveats: | Disaggregation by state/territory is not available for the 2010 CRC report. It requires calculation against jurisdictional life tables and approval from cancer registries.  Survival rates vary for different types of cancer. |
| Source and reference attributes | |
| Reference documents: | AIHW 2008, *Cancer survival and prevalence in Australia: Cancers diagnosed from 1982 to 2004*, Cancer Series no. 42. Cat. no. CAN 38. <http://www.aihw.gov.au/publications/index.cfm/title/10484> |
| Relational attributes | |
| Related metadata references: | Has been superseded by [National Healthcare Agreement: PI 44-Survival of people diagnosed with cancer, 2011](https://meteor.aihw.gov.au/content/421604)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011 |