National Healthcare Agreement: PI 24–Survival of people diagnosed with notifiable cancers, 2022

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# National Healthcare Agreement: PI 24–Survival of people diagnosed with notifiable cancers, 2022

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Progress measure |
| Short name: | PI 24–Survival of people diagnosed with cancers, 2022 |
| METEOR identifier: | 740830 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021 |
| Description: | Five-year relative survival proportions for people diagnosed with cancer. |
| Indicator set: | [National Healthcare Agreement (2022)](https://meteor.aihw.gov.au/content/740910)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021 |
| 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 |

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| Collection and usage attributes | |
| Computation description: | The probability of surviving 5 years in people with cancer is divided by the probability of surviving 5 years in the general population (matched on age, sex and calendar year).  Analysis will be undertaken using the ‘period’ method of calculation. See [*Cancer survival and prevalence in Australia: period estimates from 1982 to 2010*](http://www.aihw.gov.au/publication-detail/?id=10737422720).  Presented as a percentage. |
| Computation: | 100 x (Numerator ÷ Denominator) |
| Numerator: | Probability of surviving for 5 years in the people diagnosed with cancer. |
| Numerator data elements: | **Data Element / Data Set**  [Person—date of birth, DDMMYYYY](https://meteor.aihw.gov.au/content/287007)  **Data Source**  [Australian Cancer Database](https://meteor.aihw.gov.au/content/393621)  **Guide for use**    Data source type: Cancer registry data    **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: Cancer registry data    **Data Element / Data Set**  [Patient—diagnosis date of cancer, DDMMYYYY](https://meteor.aihw.gov.au/content/416129)  **Data Source**  [Australian Cancer Database](https://meteor.aihw.gov.au/content/393621)  **Guide for use**    Data source type: Cancer registry data    **Data Element / Data Set**  [Person—sex, code X](https://meteor.aihw.gov.au/content/635126)  **Data Source**  [Australian Cancer Database](https://meteor.aihw.gov.au/content/393621)  **Guide for use**    Data source type: Cancer registry data |
| Denominator: | Probability of surviving for 5 years in the general population |
| Denominator data elements: | **Data Element / Data Set**  **Data Source**  [ABS Life Tables](https://meteor.aihw.gov.au/content/402041)  **Guide for use**    Data source type: Census-based plus administrative by-product data |
| Disaggregation: | 2014–18 — Nationally, by:   * sex: males, females and persons * cancer type: bowel cancer, lung cancer, melanoma, female breast cancer, cervical cancer and all cancers combined.   'All cancers combined' comprises ICD-10 (2016 version) codes C00–C97, D45–D46, D47.1 and D47.3–D47.5, except basal and squamous cell carcinomas of the skin (part of C44). The ICD-10 codes for the other cancer types are as follows: bowel cancer C18–C20, lung cancer C33–C34, melanoma of the skin C43, female breast cancer C50 and cervical cancer C53. |
| Disaggregation data elements: | **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: Cancer registry data    **Data Element / Data Set**  [Person with cancer—primary site of cancer, topography code (ICD-O-3) ANN.N](https://meteor.aihw.gov.au/content/396090)  **Data Source**  [Australian Cancer Database](https://meteor.aihw.gov.au/content/393621)  **Guide for use**    Data source type: Cancer registry data    **Data Element / Data Set**  [Person with cancer—morphology of cancer, code (ICD-O-3) NNNN/N](https://meteor.aihw.gov.au/content/399491)  **Data Source**  [Australian Cancer Database](https://meteor.aihw.gov.au/content/393621)  **Guide for use**    Data source type: Cancer registry data |
| Comments: | Most recent data available for 2022 National Healthcare Agreement performance reporting: 2014–18. |
| Representational attributes | |
| Representation class: | Percentage |
| Data type: | Real |
| Unit of measure: | Person |
| Format: | N[NN].N |
| Indicator conceptual framework | |
| Framework and dimensions: | [Effectiveness](https://meteor.aihw.gov.au/content/392587) |
| Data source attributes | |
| Data sources: | **Data Source**  [ABS Life Tables](https://meteor.aihw.gov.au/content/402041)  **Frequency**  Annual  **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 |
| Accountability attributes | |
| Reporting requirements: | National Healthcare Agreement |
| Organisation responsible for providing data: | Australian Institute of Health and Welfare |
| Further data development / collection required: | Specification: Final, the measure meets the intention of the indicator. |
| Source and reference attributes | |
| Reference documents: | AIHW (Australian Institute of Health and Welfare) 2012. *Cancer survival and prevalence in Australia: period estimates from 1982 to 2010*. Cancer series no. 69. Cat. no. CAN 65. Canberra: AIHW. Viewed 7 November 2019, <https://www.aihw.gov.au/reports/cancer/cancer-survival-and-prevalence-in-australia-perio/contents/table-of-contents>. |
| Relational attributes | |
| Related metadata references: | Supersedes [National Healthcare Agreement: PI 24–Survival of people diagnosed with notifiable cancers, 2021](https://meteor.aihw.gov.au/content/725775)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 16/09/2020  See also [Australian Health Performance Framework: PI 2.1.5–Survival of people diagnosed with cancer, 2020](https://meteor.aihw.gov.au/content/728335)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/12/2020  See also [Australian Health Performance Framework: PI 2.1.5–Survival of people diagnosed with cancer, 2021](https://meteor.aihw.gov.au/content/778013)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Qualified 31/05/2023  See also [National Healthcare Agreement: PI 02–Incidence of selected cancers, 2022](https://meteor.aihw.gov.au/content/740892)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021 |