Australian Health Performance Framework: PI 2.1.5–Survival of people diagnosed with cancer, 2020

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# Australian Health Performance Framework: PI 2.1.5–Survival of people diagnosed with cancer, 2020

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Indicator |
| Short name: | AHPF PI 2.1.5–Survival of people diagnosed with cancer, 2020 |
| METEOR identifier: | 728335 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/12/2020 |
| Description: | Five-year relative survival proportions for people diagnosed with selected cancers of public health importance. |
| Indicator set: | [Australian Health Performance Framework, 2020](https://meteor.aihw.gov.au/content/728283)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 11/07/2023 |

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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 death  **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  **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  **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 birth  **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: | 2012–16—Nationally, by:   * sex: males, females and persons * cancer type: bowel cancer, lung cancer, melanoma of the skin, female breast cancer, cervical cancer and all cancers combined.   The definitions of the cancer types are as follows: bowel cancer (ICD-10 (2016 version) codes C18–C20), lung cancer (C33–C34), melanoma of the skin (C43), female breast cancer (C50), cervical cancer (C53) and all cancers combined' comprises ICD-10 (2016 version) codes C00–C97, D45–D46, D47.1, D47.3–D47.5, except basal and squamous cell carcinomas of the skin (part of C44).  Northern Territory data for 2016 are not available. |
| Disaggregation data elements: | **Data Element / Data Set**  Person with cancer—morphology of cancer, code (ICD-O-3)  **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)  **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  **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 2020 Australian Health Performance Framework reporting: 2012–16.  Northern Territory data for 2016 are not available. |
| Representational attributes | |
| Representation class: | Percentage |
| Data type: | Real |
| Unit of measure: | Person |
| Format: | N[NN].N |
| Indicator conceptual framework | |
| Framework and dimensions: | [1. Effectiveness](https://meteor.aihw.gov.au/content/721641) |
| 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: | Australian Health Performance Framework |
| Organisation responsible for providing data: | Australian Institute of Health and Welfare |
| 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 [Australian Health Performance Framework: PI 2.1.5–Survival of people diagnosed with cancer, 2019](https://meteor.aihw.gov.au/content/715188)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 01/12/2020  Has been superseded by [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 [Australian Health Performance Framework: PI 3.1.2–Incidence of selected cancers, 2020](https://meteor.aihw.gov.au/content/728385)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/10/2021  See also [National Healthcare Agreement: PI 02–Incidence of selected cancers, 2020](https://meteor.aihw.gov.au/content/716269)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020  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  See also [National Healthcare Agreement: PI 24–Survival of people diagnosed with notifiable cancers, 2020](https://meteor.aihw.gov.au/content/716829)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020  See also [National Healthcare Agreement: PI 24–Survival of people diagnosed with notifiable cancers, 2022](https://meteor.aihw.gov.au/content/740830)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021 |