Australian Health Performance Framework: PI 2.1.6–Potentially avoidable deaths, 2021

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# Australian Health Performance Framework: PI 2.1.6–Potentially avoidable deaths, 2021

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Indicator |
| Short name: | AHPF PI 2.1.6–Potentially avoidable deaths, 2021 |
| METEOR identifier: | 765884 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 02/02/2024 |
| Description: | Deaths from conditions that are potentially preventable through individualised care and/or treatable through existing primary or hospital care. |
| Indicator set: | [Australian Health Performance Framework, 2021](https://meteor.aihw.gov.au/content/764926)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 11/07/2023 |

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| Collection and usage attributes | |
| Population group age to: | 74 years |
| Computation description: | Deaths are defined as avoidable in the context of the present health system.  International Classification of Diseases (ICD-10, 2015 version) codes in scope are as specified below:   |  |  |  | | --- | --- | --- | | **Cause of death groups** | **ICD-10 Codes** | **Limits (age, sex)** | | **Infections** |  |  | | Selected invasive infections | A38–A41, A46, A48.1, G00, G03, J02.0, J13–J16, J18, L03 |  | | Viral pneumonia and influenza | J10–J12 |  | | HIV/AIDS | B20–B24 |  | | **Cancer** |  |  | | Cancer of the colon, sigmoid, rectum and anus | C18–C21, C26.0 |  | | Skin | C43, C44 |  | | Breast | C50 | Female | | Cervix | C53 |  | | Prostate | C61 |  | | Kidney | C64 |  | | Thyroid | C73 |  | | Hodgkin's disease | C81 |  | | Acute lymphoid leukaemia/Acute lymphoblastic leukaemia | C91.0 | 0-44 years | | **Diabetes** | E10–E14 |  | | **Diseases of the circulatory system** |  |  | | Rheumatic and other valvular heart disease | I00–I09, I33–I37 |  | | Hypertensive heart and renal disease | I10–I13 |  | | Ischaemic heart disease | I20–I25 |  | | Cerebrovascular diseases | I60–I69 |  | | Heart failure | I50, I51.1, I51.2, I51.4, I51.5 |  | | Pulmonary embolism | I26 |  | | **Diseases of the genitourinary system** |  |  | | Renal failure | N17–N19 |  | | **Diseases of the respiratory system** |  |  | | COPD | J40–J44 |  | | Asthma | J45, J46 |  | | **Diseases of the digestive system** |  |  | | Peptic ulcer disease | K25–K27 |  | | **Maternal & infant causes** |  |  | | Complications of the perinatal period | P00–P96 |  | | **Other conditions** |  |  | | Complications of pregnancy, labour or the puerperium | O00–O99 |  | | **Selected external causes of morbidity and mortality** |  |  | | Falls | W00–W19 |  | | Fires, burns | X00–X09 |  | | Suicide and self-inflicted injuries | X60–X84, Y87.0 |  | | Misadventures to patients during surgical and medical care | Y60–Y69 |  | | Medical devices associated with adverse incidents in diagnostic and therapeutic use | Y70–Y82 |  | | 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 |  | | **Other external causes of morbidity and mortality** |  |  | | Transport accidents | V01–V99 |  | | Exposure to inanimate mechanical forces | W20–W49 |  | | Exposure to animate mechanical forces | W50–W64 |  | | Accidental drowning and submersion | W65–W74 |  | | Other accidental threats to breathing | W75–W84 |  | | Exposure to electric current, radiation and extreme ambient air temperature and pressure | W85–W99 |  | | Contact with heat and hot substances | X10–X19 |  | | Contact with venomous animals and plants | X20–X29 |  | | Exposure to forces of nature | X30–X39 |  | | Accidental poisoning by and exposure to noxious substances | X40–X49 |  | | Overexertion, travel and privation | X50–X57 |  | | Accidental exposure to other and unspecified factors | X58,X59 |  | | Assault | X85–Y09 |  | | Event of undetermined intent | Y10–Y34 |  | | Legal interventions and operations of war | Y35, Y36 |  | | Drugs, medicaments and biological substances causing adverse effects in therapeutic use | Y40–Y59 |  | | Sequelae of external causes of morbidity and mortality | Y85, Y86, Y87.1–Y89 |  |   Rates are directly age-standardised to the 2001 Australian population.  Presented per 100,000 population. |
| Computation: | Number  100,000 x (Numerator ÷ Denominator) |
| Numerator: | Number of deaths of persons aged less than 75 categorised as potentially avoidable |
| Numerator data elements: | **Data Element / Data Set**  **Data Element**    Person—age at death, NNNN    **Data Source**  [AIHW National Mortality Database](https://meteor.aihw.gov.au/content/395084)  **Guide for use**    Data source type: Administrative by-product data    **Data Element / Data Set**  **Data Element**    Person—underlying cause of death, code (ICD-10) ANN{.N}    **Data Source**  [AIHW National Mortality Database](https://meteor.aihw.gov.au/content/395084)  **Guide for use**    Data source type: Administrative by-product data |
| Denominator: | Population aged less than 75 |
| Denominator data elements: | **Data Element / Data Set**  **Data Element**    Person—age, total years    **Data Source**  [ABS Estimated resident population (2016 Census-based)](https://meteor.aihw.gov.au/content/704699)  **Guide for use**    Data source type: Census-based plus administrative by-product data    **Data Element / Data Set**  **Data Element**    Person—estimated resident population of Australia, total people    **Data Source**  [ABS Estimated resident population (2016 Census-based)](https://meteor.aihw.gov.au/content/704699)  **Guide for use**    Data source type: Census-based plus administrative by-product data |
| Disaggregation: | 2009–2011 to 2017–2019—Nationally, by sex  2009–2011 to 2017–2019—State and territory, by sex  2009–2011 to 2017–2019—Primary Health Network (PHN), by sex  2009–2011 to 2017–2019—Statistical Local Area (SA3), by sex (not reported)  Some disaggregations may result in numbers too small for publication. |
| Disaggregation data elements: | **Data Element / Data Set**  **Data Element**    Person—area of usual residence, statistical area level 2 (SA2) code (ASGS)    **Data Source**  [AIHW National Mortality Database](https://meteor.aihw.gov.au/content/395084)  **Guide for use**    Data source type: Administrative by-product data Used for disaggregation by state/territory, PHN and SA3    **Data Element / Data Set**  **Data Element**    Person—sex    **Data Source**  [AIHW National Mortality Database](https://meteor.aihw.gov.au/content/395084)  **Guide for use**    Data source type: Administrative by-product data    **Data Element / Data Set**  **Data Element**    Person—underlying cause of death, code (ICD-10) ANN{.N}    **Data Source**  [AIHW National Mortality Database](https://meteor.aihw.gov.au/content/395084)  **Guide for use**    Data source type: Administrative by-product data |
| Comments: | Most recent data available for 2021 Australian Health Performance Framework reporting: Aggregated data 2017–2019.  Deaths registered in 2017 and earlier are based on the final version of cause of death data; deaths registered in 2018 are based on the revised version; and deaths registered in 2019 and 2020 are based on the preliminary version. Revised and preliminary versions are subject to further revision by the Australian Bureau of Statistics (ABS).  A number of updates to the ICD-10 were applied to 2013 and subsequent years causes of death data. Details of the impact of these changes on the mortality data are described in [ABS Implementation of Iris Software: Understanding Coding and Process Improvements](http://www.abs.gov.au/ausstats/abs@.nsf/Lookup/3303.0Technical+Note12013).  Prior to 2013, mortality data were coded using ICD-10 2006 version. 2013 data were coded using ICD-10 2013 version; 2014–2017 data were coded using ICD-10 2015 version; 2018 data were coded using ICD-10 2016 version; 2019 data were coded using ICD-10 2019 version.  Three-year combined data are reported for national and sub-national disaggregations.  Estimated Residential Population (ERP) for total population is sourced from ABS ERP at 30 June.  Data by remoteness may be available, pending assessment of data quality. |
| Representational attributes | |
| Representation class: | Rate |
| Data type: | Real |
| Unit of measure: | Person |
| Format: | NN[N].N |
| Indicator conceptual framework | |
| Framework and dimensions: | [1. Effectiveness](https://meteor.aihw.gov.au/content/721641) |
| Data source attributes | |
| Data sources: | **Data Source**  [ABS Estimated resident population (2016 Census-based)](https://meteor.aihw.gov.au/content/704699)  **Frequency**  Quarterly  **Data custodian**    Australian Bureau of Statistics    **Data Source**  [AIHW National Mortality Database](https://meteor.aihw.gov.au/content/395084)  **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 |
| Accountability: | Australian Institute of Health and Welfare |
| Source and reference attributes | |
| Submitting organisation: | Australian Institute of Health and Welfare |
| Reference documents: | ABS (Australian Bureau of Statistics) 2019. Causes of Death, Australia, 2018. ABS cat.no. 3303.0. Canberra: ABS. Viewed 31 October 2020, [https://www.abs.gov.au/AUSSTATS/abs@.nsf/allprimarymainfeatures/ 47E19CA15036B04BCA2577570014668B?opendocument](https://www.abs.gov.au/AUSSTATS/abs@.nsf/allprimarymainfeatures/47E19CA15036B04BCA2577570014668B?opendocument) |
| Relational attributes | |
| Related metadata references: | Supersedes [Australian Health Performance Framework: PI 2.1.6–Potentially avoidable deaths, 2020](https://meteor.aihw.gov.au/content/728337)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/03/2023  Has been superseded by [Australian Health Performance Framework: PI 2.1.6–Potentially avoidable deaths, 2024](https://meteor.aihw.gov.au/content/787014)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 02/02/2024  See also [Australian Health Performance Framework: PI 3.4.1–Infant and young child mortality rate, 2021](https://meteor.aihw.gov.au/content/765819)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 02/02/2024  See also [Australian Health Performance Framework: PI 3.4.2–Life expectancy, 2021](https://meteor.aihw.gov.au/content/765810)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 11/07/2023  See also [Australian Health Performance Framework: PI 3.4.3–Major causes of death, 2021](https://meteor.aihw.gov.au/content/765828)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 02/02/2024  See also [National Healthcare Agreement: PI 03–Prevalence of overweight and obesity, 2022](https://meteor.aihw.gov.au/content/740890)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021  See also [National Healthcare Agreement: PI 04–Rates of current daily smokers, 2022](https://meteor.aihw.gov.au/content/740888)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021  See also [National Healthcare Agreement: PI 05–Levels of risky alcohol consumption, 2022](https://meteor.aihw.gov.au/content/740886)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021  See also [National Healthcare Agreement: PI 06–Life expectancy, 2022](https://meteor.aihw.gov.au/content/740884)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021  See also [National Healthcare Agreement: PI 07–Infant and young child mortality rate, 2022](https://meteor.aihw.gov.au/content/740882)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021  See also [National Healthcare Agreement: PI 08–Major causes of death, 2022](https://meteor.aihw.gov.au/content/740880)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021  See also [National Healthcare Agreement: PI 16–Potentially avoidable deaths, 2022](https://meteor.aihw.gov.au/content/740864)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021  See also [National Healthcare Agreement: PI 18–Selected potentially preventable hospitalisations, 2022](https://meteor.aihw.gov.au/content/740851)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021  See also [National Healthcare Agreement: PI 23–Unplanned hospital readmission rates, 2022](https://meteor.aihw.gov.au/content/742756)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021 |