National Indigenous Reform Agreement: PI 01- Estimated life expectancy at birth, 2020

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National Indigenous Reform Agreement: PI 01-Estimated life expectancy at birth, 2020

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	PI 01-Estimated life expectancy at birth, 2020
METEOR identifier:	718470
Registration status:	Indigenous, Standard 23/08/2019
Description:	The average number of years newborn babies could expect to live, if they experienced the age/sex specific death rates that applied at their birth throughout their lifetimes by Aboriginal and Torres Strait Islander status.
Rationale:	Life expectancy at birth is one of the most widely used broad measures of population health outcomes. It is the key component of measuring the target to 'Close the gap in life expectancy within a generation'.
Indicator set:	National Indigenous Reform Agreement (2020) Indigenous, Standard 23/08/2019
Outcome area:	Indigenous Australians achieve health outcomes comparable to the broader population Indigenous, Superseded 25/02/2024
Data quality statement:	National Indigenous Reform Agreement: PI 01-Estimated life expectancy at birth, 2020; Quality Statement Indigenous, Standard 06/02/2020

Collection and usage attributes

Computation description:	Number of years of life expectancy at birth (including the gap between Indigenous and non-Indigenous Australians) and confidence intervals (upper and lower limits).
Computation:	This measure is defined as: direct estimation of the life expectancy gap at birth between Indigenous and non-Indigenous Australians using the average number of deaths in the relevant 3-year period and the estimated resident population at the mid-point of that 3-year period, with adjustments for incomplete identification by Indigenous status. For more information, see *Life Tables for Aboriginal and Torres Strait Islander Australians,* 2015–17 (ABS 2018).

Numerator data elements:

Data Element / Data Set

Data Element

Number of years of life expectancy at birth.

Data Source

ABS Life Tables for Aboriginal and Torres Strait Islander Australians, 2015-2017

Guide for use

Data source type: Census based and administrative by-product data.

At this stage, Indigenous and non-Indigenous Australians life expectancy are calculated for 3-year periods. Data are reported every 5 years for Indigenous and non-Indigenous Australians.

Indigenous and non-Indigenous life tables are based on estimated resident population (ERP) (ABS 2017) (based on the Census of Population and Housing (PES) and the Census Post Enumeration Survey), death registration information provided by the state/territory Registrars of Births, Deaths and Marriages, and the ABS Census Data Enhancement (CDE) Indigenous Mortality Quality Study.

Disaggregation:

National, selected states/territories by: sex by Indigenous status.

2015–2017: National, Indigenous by remoteness area (1) Major Cities, (2) Inner Regional and Outer Regional combined and (3) Remote and Very Remote combined

Disaggregation data elements:

Data Element / Data Set

Data Element

Person—area of usual residence, statistical area level 2 (SA2) (ASGS 2016)

Data Source

ABS Life Tables for Aboriginal and Torres Strait Islander Australians, 2015-2017

Guide for use

Data source type: Census, Census PES, administrative by-product data and the CDE Indigenous Mortality Quality Study.

Data Element / Data Set

Data Element

Person—Indigenous status, code N

Data Source

ABS Life Tables for Aboriginal and Torres Strait Islander Australians, 2015-2017

Guide for use

Data source type: Census, Census PES, administrative by-product data and the CDE Indigenous Mortality Quality Study.

Data Element / Data Set

Data Element

Person—sex, code N

Data Source

ABS Life Tables for Aboriginal and Torres Strait Islander Australians, 2015-2017

Guide for use

Data source type: Census, Census PES, administrative by-product data and the CDE Indigenous Mortality Quality Study.

Comments:

There are no new data available for this cycle of reporting.

Most recent data available are: 2015–2017 data released on 29 November 2018 and included in the 2019 National Indigenous Reform Agreement (NIRA) report. Life expectancy at birth estimates by Indigenous status for 2005–2007 were also revised for the 2019 report based on improved measures of identification propensities.

Indigenous estimates of life expectancy are not produced for Victoria, South Australia, Tasmania and the Australian Capital Territory due to the small number of Indigenous deaths reported in these jurisdictions.

Baseline year for the Council of Australian Governments' Closing the Gap target is 2006 using the 3-year average of 2005–2007; baseline for this indicator is 2005–2007; target year is 2031.

The term ‘Aboriginal and Torres Strait Islander people’ is preferred when referring to the separate Indigenous peoples of Australia. However, the term ‘Indigenous’ is used interchangeably with ‘Aboriginal and Torres Strait Islander’ in this indicator to assist readability.

Representational attributes

Representation class: Mean (average)

Data type: Real

Unit of measure: Time (e.g. days, hours)

Format: N[N].N

Indicator conceptual framework

Framework and dimensions: Life Expectancy & Wellbeing

Data source attributes

Data sources:

Data Source

ABS Life Tables for Aboriginal and Torres Strait Islander Australians, 2015-2017

Frequency

5-yearly

Data custodian

Australian Bureau of Statistics

Accountability attributes

Reporting requirements: National Indigenous Reform Agreement

Organisation responsible for providing data: Australian Bureau of Statistics

Further data development / collection required: Improve the quality of Indigenous identification in births and deaths data.

Annual estimates of Indigenous life expectancy are not currently available but given rate of change may not be required.

Life expectancy data by remoteness area are only currently able to be produced for the three groupings of: (1) Major cities, (2) Inner regional and Outer regional areas combined, and (3) Remote and Very remote areas combined. Further disaggregation of these groups would be useful.

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Steward: National Indigenous Reform Agreement Performance Information Management Group

Reference documents: ABS (Australian Bureau of Statistics) 2017. Australian Demographic Statistics, June 2017. ABS cat.no. 3101.0. Canberra: ABS

ABS 2018. Life Tables for Aboriginal and Torres Strait Islander Australians, 2015–17. ABS cat. no. 3302.0.55.003. Canberra: ABS

Relational attributes

Related metadata references:

Supersedes National Indigenous Reform Agreement: PI 01-Estimated life expectancy at birth, 2019
Indigenous, Superseded 23/08/2019

See also National Healthcare Agreement: PB a–Better health: close the life expectancy gap for Indigenous Australians within a generation, 2019
Health, Superseded 13/03/2020

See also National Healthcare Agreement: PI 06–Life expectancy, 2019
Health, Superseded 13/03/2020

See also National Healthcare Agreement: PI 06–Life expectancy, 2022
Health, Standard 24/09/2021