

# **National Indigenous Reform Agreement: PI 01- Estimated life expectancy at birth, 2018**

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# National Indigenous Reform Agreement: PI 01- Estimated life expectancy at birth, 2018

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	PI01-Estimated life expectancy at birth, 2018
<b>METEOR identifier:</b>	668664
<b>Registration status:</b>	<a href="#">Indigenous</a> , Superseded 31/07/2018
<b>Description:</b>	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.
<b>Rationale:</b>	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 objective to 'Close the life expectancy gap within a generation'.
<b>Indicator set:</b>	<a href="#">National Indigenous Reform Agreement (2018)</a> <a href="#">Indigenous</a> , Superseded 31/07/2018
<b>Outcome area:</b>	<a href="#">Indigenous Australians achieve health outcomes comparable to the broader population</a> <a href="#">Indigenous</a> , Superseded 25/02/2024
<b>Data quality statement:</b>	<a href="#">National Indigenous Reform Agreement: PI 01-Estimated life expectancy at birth, 2018; Quality Statement</a> <a href="#">Indigenous</a> , Superseded 07/02/2019

## Collection and usage attributes

<b>Computation description:</b>	Number of years of life expectancy at birth (including the gap between Indigenous and non-Indigenous) and confidence intervals (upper and lower limits).
<b>Computation:</b>	<p>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.</p> <p>For more information, see <i>Life Tables for Aboriginal and Torres Strait Islander Australians</i>, 2010–12 (ABS 2013).</p>

**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, 2010-2012](#)

**Guide for use**

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

At this stage, Indigenous and non-Indigenous 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 2012) (based on the Census of Population and Housing 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 state/territory by: sex by Indigenous status.

2010–2012: National, Indigenous by remoteness area (Major cities and Inner regional; Outer regional, Remote and Very remote).

**Disaggregation data elements:**

**Data Element / Data Set**

**Data Element**

Person—area of usual residence, statistical area level 2 (SA2) (ASGS 2011)

**Data Source**

[ABS Life Tables for Aboriginal and Torres Strait Islander Australians, 2010-2012](#)

**Guide for use**

Data source type: Census, Census Post Enumeration Survey (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, 2010-2012](#)

**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, 2010-2012](#)

**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: 2010–2012 data released on 15 November 2013 and included in the 2012–13 cycle of reporting. Life expectancy at birth estimates by Indigenous status for 2005–2007 were revised 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' National Indigenous Reform Agreement 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 set 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, 2010-2012](#)

### 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 two groupings of: Major cities and Inner regional areas; and Outer regional, Remote and Very remote areas. 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) 2012. Australian Demographic Statistics, June 2012. ABS cat.no. 3101.0. Canberra: ABS

ABS 2013. Life Tables for Aboriginal and Torres Strait Islander Australians, 2010–12. 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, 2017](#)

[Indigenous](#), Superseded 06/06/2017

Has been superseded by [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, 2017](#)

[Health](#), Superseded 30/01/2018

See also [National Healthcare Agreement: PI 06—Life expectancy, 2017](#)

[Health](#), Superseded 30/01/2018