

National Indigenous Reform Agreement: P01- Estimated life expectancy at birth, 2010

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Estimated life expectancy at birth, 2010
METEOR identifier:	396100
Registration status:	<ul style="list-style-type: none">• Community Services (retired), Superseded 04/04/2011
Description:	The average number of years new born babies could expect to live, if they experienced the age/sex specific death rates that applied at their birth throughout their lifetimes by Indigenous 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 objective to 'Close the life expectancy gap within a generation'.
Indicator set:	National Indigenous Reform Agreement (2010) Community Services (retired) , Superseded 04/04/2011
Outcome area:	Indigenous Australians achieve health outcomes comparable to the broader population Indigenous , Standard 21/07/2010
Quality statement:	National Indigenous Reform Agreement: P01-Estimated life expectancy at birth, 2010 QS Community Services (retired) , Superseded 04/04/2011

Collection and usage attributes

Computation description:	Presented as number of years of life expectancy at birth (including the gap between Indigenous and non-Indigenous) and confidence intervals (upper and lower limits).
Computation:	Direct estimation of life expectancy for Indigenous and non-Indigenous Australians using the estimated population at a single point and the number of deaths registered in the 3 years centred on that population point, with adjustments for incomplete identification by Indigenous status.
Numerator:	The Australian Bureau of Statistics (ABS) Experimental Indigenous and Non-Indigenous Life Tables (derived from death registrations adjusted using factors obtained from the 2006 Census Data Enhancement (CDE) Indigenous Mortality Quality Study to account for under-identification of Indigenous deaths)

Numerator data elements:

Data Element / Data Set

[Person—date of birth, DDMMYYYY](#)

Data Source

[ABS Experimental Indigenous and Non-Indigenous Life Tables](#)

Guide for use

Data source type: Census, Post-enumeration survey (PES), administrative by-product data and the CDE data linkage study.

Data Element / Data Set

[Person—date of death, DDMMYYYY](#)

Data Source

[ABS Experimental Indigenous and Non-Indigenous Life Tables](#)

Guide for use

Data source type: Census, PES, administrative by-product data and the CDE data linkage study.

Denominator:

The ABS Experimental Indigenous and Non-Indigenous Life Tables (derived from 30 June 2006 experimental estimated resident Australian Indigenous and non-Indigenous populations).

Denominator data elements:

Data Element / Data Set

[Person—estimated resident population of Australia, total people N\[N\(7\)\]](#)

Data Source

[ABS Experimental Indigenous and Non-Indigenous Life Tables](#)

Guide for use

Data source type: Census, PES, administrative by-product data and the CDE data linkage study

Disaggregation data elements:

Data Element / Data Set

[Person—sex_code N](#)

Data Source

[ABS Experimental Indigenous and Non-Indigenous Life Tables](#)

Guide for use

Data source type: Census, PES, administrative by-product data and the CDE data linkage study.

Data Element / Data Set

[Person—Indigenous status_code N](#)

Data Source

[ABS Experimental Indigenous and Non-Indigenous Life Tables](#)

Guide for use

Data source type: Census, PES, administrative by-product data and the CDE data linkage study.

Data Element / Data Set

[Person—area of usual residence, geographical location code \(ASGC 2006\) NNNNN](#)

Data Source

[ABS Experimental Indigenous and Non-Indigenous Life Tables](#)

Guide for use

Data source type: Census, PES, administrative by-product data and the CDE data linkage study.

Comments:

Disaggregation: National, state/territory and sex by Indigenous status.

Most recent data available for 2010 CRC baseline report: 2005-2007

Indigenous estimates of life expectancy not produced for Victoria, South Australia, Tasmania or ACT due to the small number of Indigenous deaths reported in these jurisdictions.

No trends data are available due to changes in methodology to improve estimates of Indigenous life expectancy and due to changing levels of Indigenous identification in source data including Census and death registration records over time.

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 Experimental Indigenous and Non-Indigenous Life Tables](#)

Frequency
5 yearly

Data custodian
Australian Bureau of Statistics

Accountability attributes

Organisation responsible for providing data: Australian Bureau of Statistics

Further data development / collection required: Specification: Long-term

The statistical agencies and state/territory governments are currently working with Registrars and funeral directors to improve the quality of Indigenous status information on death notification forms and death certificates.

The ABS will repeat the CDE Indigenous Mortality Quality Study for the 2011 Population Census, to assess coverage of Indigenous deaths in death registration records and calculate adjustment factors to improve estimates of Indigenous mortality, and to calculate Indigenous life expectancy.

The Australian Institute of Health and Welfare (AIHW) is also undertaking linkage work to measure the coverage of Indigenous deaths in the AIHW National Mortality dataset and changes over time.

Indigenous identification needs improvement in births, deaths and population data.

Annual estimates of life expectancy are desired.

Relational attributes

Related metadata references: Has been superseded by [National Indigenous Reform Agreement: PI 01-Estimated life expectancy at birth, 2011](#)

- [Indigenous](#), Superseded 01/07/2012

See also [National Healthcare Agreement: P18-Life expectancy, 2010](#)

- [Health](#), Superseded 08/06/2011

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