

# National Healthcare Agreement: P18-Life expectancy, 2010

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# National Healthcare Agreement: P18-Life expectancy, 2010

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	Life expectancy, 2010
<b>METEOR identifier:</b>	394445
<b>Registration status:</b>	<a href="#">Health!</a> , Superseded 08/06/2011
<b>Description:</b>	The average number of years a person could expect to live from the day they are born if they experienced mortality rates at each age that are currently experienced by the total population.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2010)</a> <a href="#">Health!</a> , Superseded 08/06/2011
<b>Outcome area:</b>	<a href="#">Primary and Community Health</a> <a href="#">Health!</a> , Standard 07/07/2010
<b>Data quality statement:</b>	<a href="#">National Healthcare Agreement: P18-Life expectancy, 2010 QS</a> <a href="#">Health!</a> , Superseded 08/06/2011

## Collection and usage attributes

<b>Computation:</b>	Direct estimation of life expectancy for all Australians, Indigenous and non-Indigenous Australians using the estimated population at a single point and the number of deaths registered in the three years centred on that population point, with adjustments for incomplete identification by Indigenous status.
<b>Numerator:</b>	ABS experimental Indigenous and non-Indigenous life tables. Data are calculated for three-year periods and reported every five years.

**Numerator data elements:**

**Data Element / Data Set**

Number of years of life expectancy at birth.

**Data Source**

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

**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 is reported every 5 years for Indigenous and non-Indigenous Australians.  
Indigenous and non-Indigenous life tables are based on Estimated Resident Population (3101.0) (based on the Census of Population and Housing and the Census Post Enumeration Survey), death registration information provided by state and territory Registrars of Births, Deaths and Marriages, and the ABS Census Data Enhancement (CDE) Indigenous Mortality Quality Study.

**Data Element / Data Set**

Number of years of life expectancy at birth

**Data Source**

[ABS Life Tables](#)

**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 is reported every 5 years for Indigenous and non-Indigenous Australians.  
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**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 based and administrative by-product data

**Data Element / Data Set**

[Person—sex, code N](#)

**Data Source**

[ABS Life Tables](#)

**Guide for use**

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

**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 based and administrative by-product data

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

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

**Guide for use**

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

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[ABS Life Tables](#)

**Guide for use**

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

**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 based and administrative by-product data  
Used for disaggregation by state/territory

**Data Element / Data Set**

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

**Data Source**

[ABS Life Tables](#)

**Guide for use**

Data source type: Census based and administrative by-product data  
Used for disaggregation by state/territory, remoteness area and SEIFA of

**Comments:** Specified Disaggregation: Nationally and by state/territory: by age/sex, Indigenous status, remoteness area and SEIFA of residence.

Available Disaggregation: Nationally and by state/territory: by age/sex, Indigenous status

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

## Representational attributes

**Representation class:** Mean (average)

**Data type:** Real

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

**Format:** NN.N

## Indicator conceptual framework

**Framework and dimensions:** [Deaths](#)

[Effectiveness](#)

## Data source attributes

**Data sources:**

### Data Source

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

#### Frequency

5 yearly

#### Data custodian

Australian Bureau of Statistics

### Data Source

[ABS Life Tables](#)

#### Frequency

Annual

#### Data custodian

Australian Bureau of Statistics

## Accountability attributes

**Reporting requirements:** National Healthcare Agreement

**Organisation responsible for providing data:** Australian Bureau of Statistics (with input from the Australian Institute of Health and Welfare on the data quality statement)

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

Indigenous identification needs improvement in births, deaths and population data so that annual estimates of Indigenous life expectancy can be produced.

Reliable estimates of internal migration are also required to be able to produce annual population estimates with which to produce annual life expectancy estimates.

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

Health-adjusted life expectancy (HALE) is preferred to life expectancy as it takes into consideration the impact of disability among the population. The information required to estimate HALE is not currently available for all jurisdictions and therefore HALE is an 'aspirational' indicator at this stage. "HALE extends the concept of life expectancy by reducing the estimated duration by the proportion of time spent at each age in states less than perfect health, adjusted for the relative severity of those health states". HALE "provides an estimate of the average years of equivalent 'healthy' life that a person can expect to live at various ages". (See AIHW: Begg et al 2007 *The burden of disease and injury in Australia 2003*).

## Source and reference attributes

**Reference documents:** *The burden of disease and injury in Australia 2003* (AIHW, 2007):  
<http://www.aihw.gov.au/publications/index.cfm/title/10317>

## Relational attributes

**Related metadata references:** Has been superseded by [National Healthcare Agreement: P1 18-Life expectancy, 2011](#)  
[Health!](#), Superseded 30/10/2011

See also [National Healthcare Agreement: P19-Infant/young child mortality rate, 2010](#)  
[Health!](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P20-Potentially avoidable deaths, 2010](#)  
[Health!](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P59-Age-standardised mortality by major cause of death, 2010](#)  
[Health!](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P61-Teenage birth rate, 2010](#)  
[Health!](#), Superseded 08/06/2011

See also [National Indigenous Reform Agreement: P01-Estimated life expectancy at birth, 2010](#)  
[Community Services \(retired\)](#), Superseded 04/04/2011