

# National Healthcare Agreement: PI 10—Prevalence of Type 2 diabetes, 2016

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# National Healthcare Agreement: PI 10–Prevalence of Type 2 diabetes, 2016

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Progress measure
<b>Short name:</b>	PI 10–Prevalence of Type 2 diabetes, 2016
<b>METEOR identifier:</b>	598762
<b>Registration status:</b>	<a href="#">Health!</a> , Superseded 31/01/2017
<b>Description:</b>	The proportion of people who have Type 2 diabetes.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2016)</a> <a href="#">Health!</a> , Superseded 31/01/2017
<b>Outcome area:</b>	<a href="#">Prevention</a> <a href="#">Health!</a> , Standard 07/07/2010

## Collection and usage attributes

**Computation description:** The National Health Measures Survey component of the 2011–13 Australian Health Survey included a fasting plasma glucose test.

A respondent to the survey is considered to have *known diabetes* if they had ever been told by a doctor or nurse that they have Type 2 diabetes and:

- They were taking diabetes medication (either insulin or tablets); or
- Their blood test result for fasting plasma glucose was greater than or equal to 7.0 mmol/L.

A respondent to the survey is considered to have *newly diagnosed diabetes* if they reported no prior diagnosis of diabetes, but had a fasting plasma glucose value greater than or equal to 7.0 mmol/L.

Excludes persons who did not fast for 8 hours or more prior to their blood test.

Excludes women with gestational diabetes.

The data are reported for two age ranges:

- People aged 18 years and over; and
- People aged 25 years and over, as a supplementary measure.

Rates are directly age-standardised to the 2001 Australian population.

Analysis by remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) is based on usual residence of person (based on data availability).

Presented as a percentage.

95% confidence intervals and relative standard errors calculated for rates.

Note: The type of diabetes for newly diagnosed cases cannot be determined from a fasting plasma glucose or HbA1c test alone. However, it is assumed that the vast majority of newly diagnosed cases would be Type 2.

**Computation:** 100 x (numerator/denominator)

**Numerator:**

Number of persons aged 18 years and over with *known diabetes* (Type 2) or *newly diagnosed diabetes* as determined by a fasting plasma glucose test.

For the supplementary measure: number of persons aged 25 years and over with *known diabetes* (Type 2) or *newly diagnosed diabetes* as determined by a fasting plasma glucose test.

**Numerator data elements:**

**Data Element / Data Set**

Person with known diabetes (Type 2) or newly diagnosed diabetes as determined by a fasting plasma glucose test

**Data Source**

[ABS Australian Health Survey \(AHS\), 2011–13 \(2011–12 National Health Measures Survey component\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

Person—age

**Data Source**

[ABS Australian Health Survey \(AHS\), 2011–13 \(2011–12 National Health Measures Survey component\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

Person with known diabetes (Type 2) or newly diagnosed diabetes as determined by a fasting plasma glucose test

**Data Source**

[ABS Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012–13 \(National Aboriginal and Torres Strait Islander Health Measures Survey component\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

Person—age

**Data Source**

[ABS Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012–13 \(National Aboriginal and Torres Strait Islander Health Measures Survey component\)](#)

**Guide for use**

Data source type: Survey

**Denominator:**

Population aged 18 years and over.

For the supplementary measure: population aged 25 years and over.

**Denominator data elements:**

**Data Element / Data Set**

Person—age

**Data Source**

[ABS Australian Health Survey \(AHS\), 2011–13 \(2011–12 National Health Measures Survey component\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

Person—age

**Data Source**

[ABS Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012–13 \(National Aboriginal and Torres Strait Islander Health Measures Survey component\)](#)

**Guide for use**

Data source type: Survey

**Disaggregation:**

State and territory, by:

- sex
- Indigenous status.

Nationally, by:

- remoteness (Australian Statistical Geography Standard (ASGS) Remoteness Structure)
- 2011 SEIFA IRSD quintiles.

Some disaggregation may result in numbers too small for publication.

**Disaggregation data elements:**

**Data Element / Data Set**

Person—Indigenous status

**Data Source**

[ABS Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012–13 \(National Aboriginal and Torres Strait Islander Health Measures Survey component\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

Person—sex

**Data Source**

[ABS Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012–13 \(National Aboriginal and Torres Strait Islander Health Measures Survey component\)](#)

**Guide for use**

Data source type: Survey

#### Data Element / Data Set

[Person—area of usual residence, statistical area level 2 \(SA2\) code \(ASGS 2011\) N\(9\)](#)

##### Data Source

[ABS Australian Health Survey \(AHS\), 2011–13 \(2011–12 National Health Measures Survey component\)](#)

##### Guide for use

Data source type: Survey

Used for disaggregation by state/territory, remoteness and SEIFA of residence

#### Data Element / Data Set

[Person—area of usual residence, statistical area level 2 \(SA2\) code \(ASGS 2011\) N\(9\)](#)

##### Data Source

[ABS Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012–13 \(National Aboriginal and Torres Strait Islander Health Measures Survey component\)](#)

##### Guide for use

Data source type: Survey

Used for disaggregation by state/territory

#### Comments:

Most recent data available for 2016 National Healthcare Agreement performance reporting: 2011-12 (total population, non-Indigenous: AHS); 2012–13 (Indigenous only: AATSIHS).

NO NEW DATA FOR 2016 REPORTING.

## Representational attributes

**Representation class:** Percentage

**Data type:** Real

**Unit of measure:** Person

## Data source attributes

**Data sources:**

**Data Source**

[ABS Australian Health Survey \(AHS\), 2011–13 \(2011–12 National Health Measures Survey component\)](#)

**Data custodian**

Australian Bureau of Statistics

**Data Source**

[ABS Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012–13 \(National Aboriginal and Torres Strait Islander Health Measures Survey component\)](#)

**Data custodian**

Australian Bureau of Statistics

## Accountability attributes

**Reporting requirements:** National Healthcare Agreement

**Organisation responsible for providing data:** Australian Bureau of Statistics

**Benchmark:** [PB c-Reduce the age-adjusted prevalence rate for Type 2 diabetes to 2000 levels \(equivalent to a national prevalence rate \(for 25 years and over\) of 7.1 per cent\) by 2023, 2016](#)

**Further data development / collection required:** Specification: Final, the measure meets the intention of the indicator.

## Source and reference attributes

**Submitting organisation:** Australian Bureau of Statistics

## Relational attributes

**Related metadata references:** Supersedes [National Healthcare Agreement: PI 10-Prevalence of Type 2 diabetes, 2015](#)  
[Health!](#), Superseded 08/07/2016

Has been superseded by [National Healthcare Agreement: PI 10-Prevalence of Type 2 diabetes, 2017](#)  
[Health!](#), Superseded 30/01/2018

See also [National Healthcare Agreement: PB c-Better health: reduce the age-adjusted prevalence rate for Type 2 diabetes to 2000 levels \(equivalent to a national prevalence rate \(for 25 years and over\) of 7.1 per cent\) by 2023, 2016](#)  
[Health!](#), Superseded 31/01/2017