

National Healthcare Agreement: PI 10-Prevalence of Type 2 diabetes, 2015

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National Healthcare Agreement: PI 10-Prevalence of Type 2 diabetes, 2015

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 10- Prevalence of Type 2 diabetes, 2015
METEOR identifier:	559048
Registration status:	Health , Superseded 08/07/2016
Description:	The proportion of people who have Type 2 diabetes.
Indicator set:	National Healthcare Agreement (2015) Health , Superseded 08/07/2016
Outcome area:	Prevention Health , Standard 07/07/2010
Data quality statement:	National Healthcare Agreement: PI 10-Prevalence of Type 2 diabetes, 2015 QS Health , Standard 14/01/2015

Collection and usage attributes

Computation description:	<p>The National Health Measures Survey component of the 2011–13 Australian Health Survey included a fasting plasma glucose test.</p> <p>A respondent to the survey is considered to have <i>known diabetes</i> if they had ever been told by a doctor or nurse that they have Type 2 diabetes and:</p> <ul style="list-style-type: none">• 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. <p>A respondent to the survey is considered to have <i>newly diagnosed diabetes</i> if they reported no prior diagnosis of diabetes, but had a fasting plasma glucose value greater than or equal to 7.0 mmol/L.</p> <p>Excludes persons who did not fast for 8 hours or more prior to their blood test.</p> <p>Excludes women with gestational diabetes.</p> <p>The data are reported for two age ranges:</p> <ul style="list-style-type: none">• People aged 18 years and over; and• People aged 25 years and over, as a supplementary measure. <p>Rates are directly age-standardised to the 2001 Australian population.</p> <p>Analysis by remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSDD) is based on usual residence of person (based on data availability).</p> <p>Presented as a percentage.</p> <p>95% confidence intervals and relative standard errors calculated for rates.</p> <p>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.</p>
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

Data Element

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

Data Element

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

Data Element

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

Data Element

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 year and over.

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

Denominator data elements:**Data Element / Data Set****Data Element**

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**Data Element**

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:

2011–12—State and territory, by:

- sex (previously supplied).
- Indigenous status (non-Indigenous only).

2011–12 (previously supplied)—Nationally, by:

- remoteness (Australian Statistical Geography Standard (ASGS) Remoteness Structure).
- 2011 Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-economic Disadvantage (IRSDF) quintiles.

2011–13—State and territory, by Indigenous status (Indigenous only).

Some disaggregation may result in numbers too small for publication.

Disaggregation data elements:

Data Element / Data Set

Data Element

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

Data Element

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 2015 National Healthcare Agreement (NHA) performance reporting: 2011-12 (total population, non-Indigenous: AHS); 2012–13 (Indigenous only: AATSIHS).

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: [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, 2015](#)

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, 2014](#)
[Health](#), Superseded 14/01/2015
Has been superseded by [National Healthcare Agreement: PI 10–Prevalence of Type 2 diabetes, 2016](#)
[Health](#), Superseded 31/01/2017
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, 2015](#)
[Health](#), Superseded 08/07/2016