National Healthcare Agreement: PI 10–Prevalence of Type 2 diabetes, 2017

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National Healthcare Agreement: PI 10–Prevalence of Type 2 diabetes, 2017

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 10–Prevalence of Type 2 diabetes, 2017
METEOR identifier:	630010
Registration status:	Health!, Superseded 30/01/2018
Description:	The proportion of people who have Type 2 diabetes.
Indicator set:	National Healthcare Agreement (2017) Health!, Superseded 30/01/2018
Outcome area:	Prevention Health!, 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 2017 National Healthcare Agreement performance reporting: 2011-12 (total population, non-Indigenous: AHS); 2012–13 (Indigenous only: AATSIHS).

NO NEW DATA FOR 2017 REPORTING.

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: N[NN].N

Data source attributes

Data sources:

<table>
<tr><td colspan="2">**Data Source**</td></tr>
<tr><td colspan="2">[ABS Australian Health Survey (AHS), 2011–13 (2011–12 National Health Measures Survey component)](#)</td></tr>
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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, 2017](#)
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, 2016](#) [Health!](#), Superseded 31/01/2017 Has been superseded by [National Healthcare Agreement: PI 10–Prevalence of Type 2 diabetes, 2018](#) [Health!](#), Superseded 19/06/2019 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, 2017](#) [Health!](#), Superseded 30/01/2018