

# National Healthcare Agreement: PI 10—Prevalence of Type 2 diabetes, 2021

Exported from METEOR (AIHW's Metadata Online Registry)

© Australian Institute of Health and Welfare 2024

This product, excluding the AIHW logo, Commonwealth Coat of Arms and any material owned by a third party or protected by a trademark, has been released under a Creative Commons BY 4.0 (CC BY 4.0) licence. Excluded material owned by third parties may include, for example, design and layout, images obtained under licence from third parties and signatures. We have made all reasonable efforts to identify and label material owned by third parties.

You may distribute, remix and build on this website's material but must attribute the AIHW as the copyright holder, in line with our attribution policy. The full terms and conditions of this licence are available at <https://creativecommons.org/licenses/by/4.0/>.

Enquiries relating to copyright should be addressed to [info@aihw.gov.au](mailto:info@aihw.gov.au).

Enquiries or comments on the METEOR metadata or download should be directed to the METEOR team at [meteor@aihw.gov.au](mailto:meteor@aihw.gov.au).

# National Healthcare Agreement: PI 10—Prevalence of Type 2 diabetes, 2021

## Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 10—Prevalence of Type 2 diabetes, 2021
METEOR identifier:	725809
Registration status:	<a href="#">Health</a> , Standard 03/07/2020
Description:	The proportion of people who have Type 2 diabetes.
Indicator set:	<a href="#">National Healthcare Agreement (2021)</a> <a href="#">Health</a> , Standard 19/11/2020
Outcome area:	<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 (ABS cat. no. [4364.0.55.005](#)) 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 and over; and
- people aged 25 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 the 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:**  $100 \times (\text{Numerator} \div \text{Denominator})$

**Numerator:**

Number of persons aged 18 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 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 and over.

For the supplementary measure: population aged 25 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:**

State and territory, by:

- sex
- Indigenous status.

Nationally, by (all not reported this cycle):

- 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**

**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 2021 National Healthcare Agreement performance reporting: 2011-12 (total population, non-Indigenous: AHS); 2012-13 (Indigenous only: AATSIHS).

NO NEW DATA FOR 2021 REPORTING.

## Representational attributes

**Representation class:** Percentage

**Data type:** Real

**Unit of measure:** Person

**Format:** N[NN].N

## 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-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, 2021](#)

**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

**Reference documents:** Australian Bureau of Statistics (ABS) 2013. *Australian Health Survey: Biomedical Results for Chronic Diseases, 2011-12*, ABS cat. no. 4364.0.55.005. Canberra: ABS. Viewed 11 May 2020, <https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/4364.0.55.005+main+features12011-12>

## Relational attributes

**Related metadata  
references:**

Supersedes [National Healthcare Agreement: PI 10—Prevalence of Type 2 diabetes, 2020](#)

[Health](#), Standard 13/03/2020

Has been superseded by [National Healthcare Agreement: PI 10—Prevalence of Type 2 diabetes, 2022](#)

[Health](#), Standard 24/09/2021

See also [Australian Health Performance Framework: PI 3.1.7—Prevalence of type 2 diabetes, 2019](#)

[Health](#), Superseded 13/10/2021

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, 2021](#)

[Health](#), Standard 03/07/2020

See also [National Healthcare Agreement: PI 15—Effective management of diabetes, 2021](#)

[Health](#), Standard 03/07/2020