

# Australian Health Performance Framework: PI 3.1.7– Prevalence of type 2 diabetes, 2020

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# Australian Health Performance Framework: PI 3.1.7– Prevalence of type 2 diabetes, 2020

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	AHPF PI 3.1.7–Prevalence of type 2 diabetes, 2020
<b>METEOR identifier:</b>	728408
<b>Registration status:</b>	<a href="#">Health</a> , Standard 13/10/2021
<b>Description:</b>	The proportion of people who have self-reported type 2 diabetes.
<b>Indicator set:</b>	<a href="#">Australian Health Performance Framework, 2020</a> <a href="#">Health</a> , Superseded 11/07/2023

## Collection and usage attributes

**Computation description:** The National Health Survey (NHS) is a series of Australia-wide health surveys conducted by the Australian Bureau of Statistics designed to collect a range of information about the health of Australians, including the prevalence of self-reported type 2 diabetes.

In the NHS, data on diabetes refers to persons who reported having been told by a doctor or nurse that they had diabetes, irrespective of whether the person considered their diabetes to be current or long-term.

Excludes women with gestational diabetes.

The data are reported for people aged 18 and over.

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.

**Computation:**  $100 \times (\text{Numerator} \div \text{Denominator})$

**Numerator:** Number of persons aged 18 and over with self-reported type 2 diabetes and any of the following condition status:

1. Ever told has condition, still current and long-term
2. Ever told has condition, still current but not long-term
3. Ever told has condition, not current.

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

**Data Element**

Person with self-reported type 2 diabetes

**Data Source**

[ABS Australian Health Survey \(AHS\), 2011-13](#)

**Guide for use**

Data source type: Survey  
Determined using the following response:

EVERCURF: Type of condition ICD10  
14689. Diabetes mellitus - type 2

**Data Element / Data Set**

**Data Element**

Person—age

**Data Source**

[ABS 2014-15 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**

Person—condition status

**Data Source**

[ABS 2014-15 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**

Person—sex

**Data Source**

[ABS 2014-15 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**

Person with self-reported type 2 diabetes

**Data Source**

[ABS 2017–18 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

Determined using the following response:

EVERCDDL: Type of condition ICD10  
28. Type B Diabetes mellitus

**Data Element / Data Set**

**Data Element**

Person—age

**Data Source**

[ABS 2017–18 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**

Person—condition status

**Data Source**

[ABS 2017–18 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

A new condition status was included in the 2017–18 survey:

6. Condition recurrent, but not known or not ever told, and not long term (new status in 2017–18 NHS).

This condition status was not used to determine type 2 diabetes prevalence to ensure comparability between surveys for assessing trends.

**Data Element / Data Set**

**Data Element**

Person—sex

**Data Source**

[ABS 2017–18 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**

Person—age

**Data Source**

[ABS Australian Health Survey \(AHS\), 2011-13](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**

Person—condition status

**Data Source**

[ABS Australian Health Survey \(AHS\), 2011-13](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set****Data Element**

Person—sex

**Data Source**

[ABS Australian Health Survey \(AHS\), 2011-13](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set****Data Element**

Person with self-reported type 2 diabetes

**Data Source**

[ABS Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012-13](#)

**Guide for use**

Data source type: Survey

Determined using the following response:

EVERCURF: Type of condition ICD10  
14689. Diabetes mellitus - Type 2

**Data Element / Data Set****Data Element**

Person—age

**Data Source**

[ABS Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012-13](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set****Data Element**

Person—condition status

**Data Source**

[ABS Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012-13](#)

**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](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**

Person with self-reported type 2 diabetes

**Data Source**

[ABS 2014-15 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

Determined using the following response:

EVERCURF: Type of condition ICD10

14689. Diabetes mellitus - type 2

Population aged 18 and over.

**Denominator:**

**Denominator data elements:**

**Data Element / Data Set**

**Data Element**

Person—age

**Data Source**

[ABS Australian Health Survey \(AHS\), 2011-13](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**

Person—sex

**Data Source**

[ABS Australian Health Survey \(AHS\), 2011-13](#)

**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](#)

**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](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**

Person—age

**Data Source**

[ABS 2014-15 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**

Person—sex

**Data Source**

[ABS 2014-15 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**

Person—age

**Data Source**

[ABS 2017–18 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**

Person—sex

**Data Source**

[ABS 2017–18 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

**Disaggregation:**

2011–12, 2014–15, 2017–18—Nationally, by:

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

2012–13—Nationally, by

- Indigenous status (Indigenous only) and sex.

Some disaggregation may result in numbers too small for publication.

ABS Australian Health Survey (AHS), 2011–13 excludes those living in *Very remote* areas and the indicator has only been reported for Major cities, Inner Regional and Outer regional/Remote across all surveys to enable comparisons across time.

**Disaggregation data elements:**

**Data Element / Data Set**

**Data Element**

Person—area of usual residence, statistical area level 2 (SA2)

**Data Source**

[ABS Australian Health Survey \(AHS\), 2011-13](#)

**Guide for use**

ABS Australian Health Survey (AHS), 2011–13 excludes those living in *Very remote* areas.

Data source type: Survey

Used for disaggregation by remoteness and SEIFA of residence

**Data Element / Data Set**

**Data Element**

Person—Indigenous status

**Data Source**

[ABS Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012-13](#)

**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](#)

**Guide for use**

Data source type: Survey

**Data Element / Data Set**

**Data Element**



Person—area of usual residence, statistical area level 2 (SA2)

**Data Source**

[ABS 2014-15 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

Used for disaggregation by remoteness and SEIFA of residence

**Data Element / Data Set**

**Data Element**

Person—area of usual residence, statistical area level 2 (SA2)

**Data Source**

[ABS 2017–18 National Health Survey \(NHS\)](#)

**Guide for use**

Data source type: Survey

Used for disaggregation by remoteness and SEIFA of residence

**Comments:**

Most recent data available for 2019 Australian Health Performance Framework reporting: 2017–18.

## 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](#)

**Frequency**

Every 3 years

**Data custodian**

Australian Bureau of Statistics

**Data Source**

[ABS Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012-13](#)

**Frequency**

Every 6 years

**Data custodian**

Australian Bureau of Statistics

**Data Source**

[ABS 2014-15 National Health Survey \(NHS\)](#)

**Frequency**

Every 3 years

**Data custodian**

Australian Bureau of Statistics

**Data Source**

[ABS 2017-18 National Health Survey \(NHS\)](#)

**Frequency**

Every 3 years

**Data custodian**

Australian Bureau of Statistics

## Accountability attributes

**Reporting requirements:** Australian Health Performance Framework

**Organisation responsible for providing data:** Australian Institute of Health and Welfare

## Source and reference attributes

**Submitting organisation:** Australian Bureau of Statistics

## Relational attributes

**Related metadata references:**

Supersedes [Australian Health Performance Framework: PI 3.1.7–Prevalence of type 2 diabetes, 2019](#)

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

See also [National Healthcare Agreement: PI 10–Prevalence of Type 2 diabetes, 2020](#)

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

See also [National Healthcare Agreement: PI 10–Prevalence of Type 2 diabetes, 2022](#)

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