

National Indigenous Reform Agreement: PI 05— Prevalence of overweight and obesity, 2016

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	PI 05—Prevalence of overweight and obesity, 2016
METEOR identifier:	611167
Registration status:	<ul style="list-style-type: none">• Indigenous, Superseded 01/07/2016
Description:	Prevalence of overweight and obesity among Australians, by Indigenous status.
Rationale:	High body mass accounted for 11% of burden of disease among Indigenous people in 2003 (Vos et al. 2007). Obesity is closely associated with risk factors for the main causes of morbidity and mortality among Indigenous people.
Indicator set:	National Indigenous Reform Agreement (2016) Indigenous , Superseded 01/07/2016
Outcome area:	Indigenous people remain healthy and free of preventable disease Indigenous , Standard 21/07/2010

Collection and usage attributes

Population group age from:	18 years
Computation description:	<p>Crude rates are calculated for Indigenous Australians.</p> <p>Age-standardised rates are calculated for Indigenous and non-Indigenous Australians.</p> <p>95% confidence intervals and relative standard errors are calculated for crude and age-standardised rates.</p> <p>Rate ratios and rate differences are calculated for comparisons between Indigenous and non-Indigenous Australians (using age-standardised rates).</p> <p><u>Presentation:</u></p> <p>Number, rate per 100 persons (percentage), rate ratio, rate difference, confidence intervals, and relative standard error.</p> <p>Body Mass Index categories to be reported: obese, overweight, normal, underweight.</p>
Computation:	<p>Crude rate: $100 \times (\text{Numerator} \div \text{Denominator})$.</p> <p>Age-standardised rate: calculated using the direct method, with the Australian standard population as at 30 June 2001 as the standard. Ten-year age groups are used from 18–24 years to 55 years and over to be consistent with estimates published by the Australian Bureau of Statistics (ABS).</p> <p>Rate ratio: Indigenous age-standardised rate divided by non-Indigenous age-standardised rate.</p> <p>Rate difference: Indigenous age-standardised rate minus non-Indigenous age-standardised rate.</p>

Numerator: People aged 18 years and over with a Body Mass Index (BMI) greater than or equal to 30.00 (obese).
People aged 18 years and over with a BMI of 25.00–29.99 (overweight).
People aged 18 years and over with a BMI of 18.50–24.99 (normal range).
People aged 18 years and over with a BMI less than 18.50 (underweight).

Numerator data elements:

Data Element / Data Set

Data Element

Adult—body mass index (self-reported)

Data Source

[ABS 2004-05 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Person—age

Data Source

[ABS 2004-05 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Adult—body mass index (self-reported)

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Person—age, total years

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Adult—body mass index (measured)

Data Source

[ABS core component \(NATSIHS plus NATSINPAS\) of the 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 core component \(NATSIHS plus NATSINPAS\) of the Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012-13](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Adult—body mass index (measured)

Data Source

[ABS core component \(National Health Survey \(NHS\) plus National Nutrition and Physical Activity Survey \(NNPAS\)\) of the Australian Health Survey \(AHS\), 2011-13](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Person—age

Data Source

[ABS core component \(National Health Survey \(NHS\) plus National Nutrition and Physical Activity Survey \(NNPAS\)\) of the Australian Health Survey \(AHS\), 2011-13](#)

Guide for use

Data source type: Survey

Denominator:

Total populations (Indigenous and non-Indigenous) aged 18 year and over.

Denominator data elements:

<p>Data Element / Data Set</p> <p>Data Element</p> <p>Person—age</p> <p>Data Source</p> <p>ABS 2004-05 National Health Survey (NHS)</p> <p>Guide for use</p> <p>Data source type: Survey</p>
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<p>Data Element / Data Set</p> <p>Data Element</p> <p>Person—age</p> <p>Data Source</p> <p>ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)</p> <p>Guide for use</p> <p>Data source type: Survey</p>
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<p>Data Element / Data Set</p> <p>Data Element</p> <p>Person—age</p> <p>Data Source</p> <p>ABS core component (NATSIHS plus NATSINPAS) of the Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS), 2012-13</p> <p>Guide for use</p> <p>Data source type: Survey</p>
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<p>Data Element / Data Set</p> <p>Data Element</p> <p>Person—age</p> <p>Data Source</p> <p>ABS core component (National Health Survey (NHS) plus National Nutrition and Physical Activity Survey (NNPAS)) of the Australian Health Survey (AHS), 2011-13</p> <p>Guide for use</p> <p>Data source type: Survey</p>

Disaggregation:

Obese, overweight, normal, underweight.

National and state/territory, remoteness area, for Indigenous Australians (crude rates).

National and state/territory, remoteness area, by Indigenous status (age-standardised rates).

Disaggregation data elements:

<p>Data Element / Data Set</p> <p>Data Element</p>
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Person—area of usual residence, geographical location code (ASGC 2006)

Data Source

[ABS 2004-05 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Person—Indigenous status

Data Source

[ABS 2004-05 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Person—area of usual residence, geographical location code (ASGC 2006)

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Person—area of usual residence, statistical area level 1 (SA1) (ASGS 2011)

Data Source

[ABS core component \(NATSIHS plus NATSINPAS\) of the 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 1 (SA1) (ASGS 2011)

Data Source

[ABS core component \(National Health Survey \(NHS\) plus National Nutrition and Physical Activity Survey \(NNPAS\)\) of the Australian Health Survey \(AHS\), 2011-13](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Person—Indigenous status

Data Source

[ABS core component \(National Health Survey \(NHS\) plus National Nutrition and Physical Activity Survey \(NNPAS\)\) of the Australian Health Survey \(AHS\), 2011-13](#)

Guide for use

Data source type: Survey

Comments:

There are no new data available for this cycle of reporting.

Most recent available data are in the 2015 report, from the core component (NATSIHS plus NATSINPAS) of the 2012–13 AATSIHS (Indigenous) and the core component (NHS and NNPAS) of the 2011–13 AHS (non-Indigenous).

Data from the 2011–13 AHS/AATSIHS for BMI are based on measured BMI and are not directly comparable to data from the 2004–05 NATSIHS/NHS which are based on self-reported BMI.

Data from the AATSIHS are available for very remote areas. The AHS does not cover very remote areas.

Baseline year for National Indigenous Reform Agreement (NIRA) target (Close the life expectancy gap within a generation) is 2006 based on the 3-year average 2005–2007; baseline year for this indicator is 2004–05; target year is 2031.

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: NN.N

Indicator conceptual framework

Framework and dimensions: [Person-related Factors](#)

Data source attributes

Data sources:**Data Source**

[ABS 2004-05 National Health Survey \(NHS\)](#)

Frequency

Every 3 years

Data custodian

Australian Bureau of Statistics

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Frequency

Every 6 years

Data custodian

Australian Bureau of Statistics

Data Source

[ABS core component \(NATSIHS plus NATSINPAS\) of the Australian Aboriginal and Torres Strait Islander Health Survey \(AATSIHS\), 2012-13](#)

Frequency

Every 6 years

Data custodian

Australian Bureau of Statistics

Data Source

[ABS core component \(National Health Survey \(NHS\) plus National Nutrition and Physical Activity Survey \(NNPAS\)\) of the Australian Health Survey \(AHS\), 2011-13](#)

Frequency**Data custodian**

Australian Bureau of Statistics

Accountability attributes

Reporting requirements: National Indigenous Reform Agreement.

Organisation responsible for providing data: Australian Bureau of Statistics

Further data development / collection required: Specification: Long-term.

Source and reference attributes

Steward: [National Indigenous Reform Agreement Performance Information Management Group](#)

Reference documents: Vos T, Barker B, Stanley L & Lopez AD 2007. The burden of disease and injury in Aboriginal and Torres Strait Islander peoples 2003. Brisbane: School of Population Health, The University of Queensland.

Relational attributes

Related metadata references:

See also [National Healthcare Agreement: PB d-Better health: by 2018, increase by five percentage points the proportion of Australian adults and children at a healthy body weight, over the 2009 baseline, 2015](#)

- [Health](#), Superseded 08/07/2016

See also [National Healthcare Agreement: PI 03-Prevalence of overweight and obesity, 2015](#)

- [Health](#), Superseded 08/07/2016

Supersedes [National Indigenous Reform Agreement: PI 05-Prevalence of overweight and obesity, 2015](#)

- [Indigenous](#), Superseded 18/11/2015

Has been superseded by [National Indigenous Reform Agreement: PI 05—Prevalence of overweight and obesity, 2017](#)

- [Indigenous](#), Superseded 06/06/2017