

National Healthcare Agreement: P05-Proportion of persons obese, 2010

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National Healthcare Agreement: P05-Proportion of persons obese, 2010

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Proportion of persons obese, 2010
METEOR identifier:	394043
Registration status:	Health , Superseded 08/06/2011
Description:	Prevalence of obesity in adults and children.
Indicator set:	National Healthcare Agreement (2010) Health , Superseded 08/06/2011
Outcome area:	Prevention Health , Standard 07/07/2010
Data quality statement:	National Healthcare Agreement: P05-Proportion of persons obese, 2010 QS Health , Superseded 12/03/2015

Collection and usage attributes

Population group age from:	Persons aged 5 years or older.
Computation description:	<p>Rates are directly age-standardised to the Australian population as at 30 June 2001.</p> <p>Excludes pregnant women and people with an unknown Body Mass Index (BMI).</p> <p>Scope of collections limited to persons usually resident in private dwellings. Persons usually resident in non-private dwellings such as hotels, motels, hospitals, nursing homes and short-stay caravan parks were not included in the surveys.</p> <p>Estimates for non-Indigenous people estimates exclude those living in very remote areas of Australia.</p> <p>BMI is calculated as weight (in kilograms) divided by the square of height (in metres).</p> <p>For adults, obesity is defined as a BMI of greater than or equal to 30.</p> <p>For children, obesity is defined as BMI (appropriate for age and sex) that is likely to be 30 or more at age 18 years, based on centile curves.</p> <p>BMI derived from measured height and weight is preferable to that derived from self-reported height and weight.</p>
Computation:	$100 \times (\text{Numerator} \div \text{Denominator})$ Calculated separately for adults and children.
Numerator:	For adults: Number of persons aged 18 years or over with a BMI greater than or equal to 30 For children: Number of children aged 5–17 years exceeding weight/height/age obesity norms
Numerator data elements:	

Data Element / Data Set

Adult—body mass index

Data Source

[ABS 2007-08 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Child—body mass index

Data Source

[ABS 2007-08 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Adult—body mass index

Data Source

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

Guide for use

Data source type: Survey

Data Element / Data Set

Child—body mass index

Data Source

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

Guide for use

Data source type: Survey

Data Element / Data Set

Adult—body mass index

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

Child—body mass index

Data Source

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

Guide for use

Data source type: Survey

Denominator:

For adults: Population aged 18 years or over
For children: Population aged 5–17 years

Denominator data elements:

Data Element / Data Set
Person—age
Data Source
[ABS 2007-08 National Health Survey \(NHS\)](#)
Guide for use
Data source type: Survey

Data Element / Data Set
Person—age
Data Source
[ABS 2004-05 National Health Survey \(NHS\)](#)
Guide for use
Data source type: Survey

Data Element / Data Set
Person—age
Data Source
[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)
Guide for use
Data source type: Survey

Disaggregation data elements:

Data Element / Data Set
Person—age
Data Source
[ABS 2007-08 National Health Survey \(NHS\)](#)
Guide for use
Data source type: Survey

Data Element / Data Set
Person—area of usual residence
Data Source
[ABS 2007-08 National Health Survey \(NHS\)](#)
Guide for use
Data source type: Survey
Used for disaggregation by state/territory, remoteness area and SEIFA of residence

Data Element / Data Set

Person—sex

Data Source

[ABS 2007-08 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Person—age

Data Source

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

Guide for use

Data source type: Survey

Data Element / Data Set

Person—area of usual residence

Data Source

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

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Guide for use

Data source type: Survey

Data Element / Data Set

Person—age

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

Person—area of usual residence

Data Source

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

Guide for use

Data source type: Survey
Used for disaggregation by state/territory, remoteness area and SEIFA of residence

Data Element / Data Set

Person—sex

Data Source

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

Guide for use

Data source type: Survey

Comments:

Specified disaggregation: State/territory: age group, sex, Indigenous status, remoteness area and SEIFA of residence

Available disaggregation: State/territory: age group, sex, Indigenous status, remoteness area and SEIFA of residence

Some states/territories may have data for 2008-09 available in 2010.

Most recent data available for 2010 CRC baseline report: 2007-08 NHS for adults and children, with the exception of estimates for children residing in NT. 2004-05 for Indigenous/non-Indigenous adult comparison.

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: N[N].N

Indicator conceptual framework

Framework and dimensions: [Health behaviours](#)

[Bio-medical factors](#)

Data source attributes

Data sources:

<p>Data Source</p> <p>ABS 2007-08 National Health Survey (NHS)</p> <p>Frequency</p> <p>Every 3 years</p> <p>Data custodian</p> <p>Australian Bureau of Statistics</p>
<p>Data Source</p> <p>ABS 2004-05 National Health Survey (NHS)</p> <p>Frequency</p> <p>Every 3 years</p> <p>Data custodian</p> <p>Australian Bureau of Statistics</p>
<p>Data Source</p> <p>ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)</p> <p>Frequency</p> <p>Every 6 years</p> <p>Data custodian</p> <p>Australian Bureau of Statistics</p>

Accountability attributes

Reporting requirements: National Healthcare Agreement

Organisation responsible for providing data: Australian Bureau of Statistics

Benchmark: National Healthcare Agreement

By 2017, increase by five percentage points the proportion of Australian adults and Australian children at a healthy body weight, over the 2009 baseline.

NPA on Preventive Health

15(a): Increase in proportion of children at unhealthy weight held at less than five per cent from baseline for each state by 2013; proportion of children at healthy weight returned to baseline levels by 2015.

15(d): Increase in proportion of adults at unhealthy weight held at less than five per cent from baseline for each state by 2013; proportion of adults at healthy weight returned to baseline levels by 2015.

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

There is scope for improved capacity in jurisdictions depending on the implementation plan for the National Partnership Agreement (NPA) on Preventive Health.

Increased frequency of surveys with measured data for calibration with self-reported data (i.e. less reliance on relatively infrequent self-reported data alone).

Measured weight and height is needed for Indigenous people—proposed for 2010–11 NATSIHS.

Data is required on the BMI of Indigenous children, including appropriate BMI cut-offs.

Increased frequency of measured BMI data for Indigenous people is needed.

Other issues caveats:

Some disaggregations may result in numbers too small for publication.

2007-2008 national data are based on measured values; data for Indigenous/non-Indigenous disaggregations are based on self-reported values.

Data are not available for children in NT.

Quality statements should note that data from non-private dwellings (e.g. hospitals, prisons, nursing homes) are excluded from household surveys.

Source and reference attributes

Reference documents:

Cole TJ, Bellizzi MC, Flegal KM, Dietz WH. 2000. Establishing a standard definition for child overweight and obesity worldwide: international survey. *BMJ* 2000; 320:1240–3;

Cole TJ, Flegal KM, Nicholls D, Jackson AA. 2007. Body mass index cut offs to define thinness in children and adolescents: international survey. *BMJ* 2007;335;194.

Relational attributes

Related metadata references:

Has been superseded by [National Healthcare Agreement: P105-Proportion of persons obese, 2011](#)
[Health](#), Superseded 30/10/2011

See also [National Healthcare Agreement: P06-Proportion of adults who are daily smokers, 2010](#)
[Health](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P07-Proportion of adults at risk of long-term harm from alcohol, 2010](#)
[Health](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P20-Potentially avoidable deaths, 2010](#)
[Health](#), Superseded 08/06/2011

See also [National Indigenous Reform Agreement: P06-Levels of obesity - Body Mass Index, 2010](#)
[Community Services \(retired\)](#), Superseded 04/04/2011