

Australian Health Performance Framework: PI 1.3.1— Prevalence of overweight and obesity, 2020

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Australian Health Performance Framework: PI 1.3.1– Prevalence of overweight and obesity, 2020

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	AHPF PI 1.3.1–Prevalence of overweight and obesity, 2020
METEOR identifier:	728304
Registration status:	Health , Standard 13/10/2021
Description:	Proportion of adults and children who are overweight or obese
Rationale:	Excess weight, especially obesity, is a major risk factor for cardiovascular disease, type 2 diabetes, high blood pressure, sleep apnoea, psychological issues, some musculoskeletal conditions and some cancers. As the level of excess weight increases, so does the risk of developing these conditions. In addition, being overweight can hamper the ability to control or manage chronic disorders.
Indicator set:	Australian Health Performance Framework, 2020 Health , Superseded 11/07/2023

Collection and usage attributes

Population group age from:	Adults: 18 years Children: 2 years
Population group age to:	Children: 17 years
Computation description:	<p>Body mass index (BMI) is calculated as weight (in kilograms) divided by the square of height (in metres).</p> <p>For adults, underweight is defined as a BMI less than 18.5, normal is defined as a BMI of 18.5 to less than 25.0, overweight is defined as a BMI of 25.0 to less than 30.0 and obese is defined as a BMI of greater than or equal to 30.0.</p> <p>For children, underweight is defined as a BMI (appropriate for age and sex) that is likely to be less than 18.5 at age 18, normal is defined as a BMI (appropriate for age and sex) that is likely to be 18.5 to less than 25.0 at age 18, overweight is defined as a BMI (appropriate for age and sex) that is likely to be 25.0 to less than 30.0 at age 18 and obese is defined as a BMI (appropriate for age and sex) that is likely to be greater than or equal to 30.0 at age 18, based on centile curves. See Australian Health Survey: Users' Guide, 2011-13 (ABS cat. no. 4363.0.55.001) for BMI values.</p> <p>Excludes pregnant women where identified.</p> <p>Analysis by remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) is based on usual residence of person.</p> <p>Presented as a percentage. Age-standardised percentages are directly age-standardised to the 2001 Australian population.</p> <p>95% confidence intervals are calculated for percentages.</p>
Computation:	$100 \times (\text{Numerator} \div \text{Denominator})$ Calculated separately for adults and children.
Numerator:	Adults: Number of persons aged 18 and over who are obese or overweight. Children: Number of persons aged 2–17 who are obese or overweight.

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

Adult—measured Body Mass Index

Data Source

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

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Child—measured Body Mass Index

Data Source

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

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Adult—measured Body Mass Index

Data Source

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

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Child—measured Body Mass Index

Data Source

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

Guide for use

Data source type: Survey

Denominator:

Adults: Population aged 18 and over

Children: Population aged 2–17

Denominator data elements:

Data Element / Data Set

Data Element

Person—age

Data Source

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

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

Disaggregation:

2007–08, 2011–12, 2014–15, 2017–18—Nationally, adults who are overweight or obese.

2017–18—State and territory, adults who are overweight or obese.

2017–18—Nationally, adults who are overweight or obese, by:

- Age group and sex
- Remoteness (Australian Statistical Geography Standard (ASGS) 2016 Remoteness Structure)
- SEIFA 2016 IRSD quintile.

2017–18—Nationally, adults who are overweight or obese by sex by:

- Disability status (not reported).

2017–18—Primary Health Network (PHN), adults who are overweight or obese.

2017–18—Nationally, children who are overweight or obese, by:

- Sex.

2012–13—Nationally, children aged 2–17 who are overweight or obese, by sex and (all not reported):

- Indigenous status
- Age group.

Some disaggregations may result in numbers too small for publication.

Disaggregation data elements:

Data Element / Data Set

Data Element

Person—age

Data Source

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

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 \(Core component\)](#)

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—area of usual residence

Data Source

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

Guide for use

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

Data Element / Data Set

Data Element

Person—disability status

Data Source

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

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Person—Indigenous status

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

Comments:

Most recent data available for 2020 Australian Health Performance Framework reporting: 2017–18 (Total population, Non-Indigenous: NHS); 2012–13 (Indigenous only: NATSIHS).

Data for 1989–90, 1995, 2001, 2004–05, 2007–08, 2011–12 and 2014–15 were obtained from the National Health Surveys run in respect of these years. Similar data elements were used to those listed above for the 2017–18 NHS.

In 2017–18, 33.8% of respondents aged 18 and over did not have their height or weight measured. For these people, height and weight were imputed using a range of information including their self-reported height and weight. For more information see [Appendix 2: Physical measurements in the 2017-18 National Health Survey](#) in National Health Survey: First results, 2017–18 (ABS cat. no. 4364.0.55.001) (ABS 2019).

Representational attributes

Representation class: Percentage
Data type: Real
Unit of measure: Person
Format: N[NN].N

Indicator conceptual framework

Framework and dimensions: [3. Personal biomedical factors](#)

Data source attributes

Data sources:**Data Source**

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

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 Bureau of Statistics
International comparison:	This indicator relates to Indicators 13 and 14 in the World Health Organization (WHO) Global Action Plan for the Prevention and Control of Noncommunicable Diseases, 2012–2020 (WHO 2013).

Source and reference attributes

Submitting organisation:	Australian Institute of Health and Welfare
Reference documents:	<p>ABS (Australian Bureau of Statistics) 2013. Australian Health Survey: User' Guide 2011–13. ABS cat. no. 4363.0.55.001. Canberra: ABS. Viewed 20 November 2019, https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/4363.0.55.001Main+Features12011-13.</p> <p>ABS 2018. National Health Survey: First Results, 2017–18. ABS cat. no. 4364.0.55.001. Canberra: ABS. Viewed 20 November 2019, https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/4364.0.55.001Main+Features100192017-18?OpenDocument.</p> <p>WHO (World Health Organization) 2013. Global Action Plan for the Prevention and Control of Noncommunicable Diseases 2013–2020. Switzerland: WHO. Viewed 17 October 2019, https://www.who.int/nmh/events/ncd_action_plan/en/.</p>

Relational attributes

**Related metadata
references:**

Supersedes [Australian Health Performance Framework: PI 1.3.1–Prevalence of overweight and obesity, 2019](#)

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

See also [Australian Health Performance Framework: PI 1.2.1–Rates of current daily smokers, 2020](#)

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

See also [Australian Health Performance Framework: PI 1.2.3–Levels of risky alcohol consumption, 2020](#)

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

See also [Australian Health Performance Framework: PI 2.1.6–Potentially avoidable deaths, 2020](#)

[Health](#), Superseded 31/03/2023

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, 2020](#)

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

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, 2022](#)

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

See also [National Healthcare Agreement: PI 03–Prevalence of overweight and obesity, 2020](#)

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

See also [National Healthcare Agreement: PI 03–Prevalence of overweight and obesity, 2022](#)

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

See also [National Healthcare Agreement: PI 04–Rates of current daily smokers, 2020](#)

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

See also [National Healthcare Agreement: PI 04–Rates of current daily smokers, 2022](#)

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

See also [National Healthcare Agreement: PI 05–Levels of risky alcohol consumption, 2020](#)

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

See also [National Healthcare Agreement: PI 05–Levels of risky alcohol consumption, 2022](#)

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

See also [National Healthcare Agreement: PI 16–Potentially avoidable deaths, 2020](#)

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

See also [National Healthcare Agreement: PI 16–Potentially avoidable deaths, 2022](#)

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