

# 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

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	AHPF PI 1.3.1–Prevalence of overweight and obesity, 2020
<b>METEOR identifier:</b>	728304
<b>Registration status:</b>	<a href="#">Health</a> , Standard 13/10/2021
<b>Description:</b>	Proportion of adults and children who are overweight or obese
<b>Rationale:</b>	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.
<b>Indicator set:</b>	<a href="#">Australian Health Performance Framework, 2020</a> <a href="#">Health</a> , Superseded 11/07/2023

## Collection and usage attributes

<b>Population group age from:</b>	Adults: 18 years Children: 2 years
<b>Population group age to:</b>	Children: 17 years
<b>Computation description:</b>	<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. <a href="#">4363.0.55.001</a>) 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>
<b>Computation:</b>	$100 \times (\text{Numerator} \div \text{Denominator})$  Calculated separately for adults and children.
<b>Numerator:</b>	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

<b>Reporting requirements:</b>	Australian Health Performance Framework
<b>Organisation responsible for providing data:</b>	Australian Bureau of Statistics
<b>International comparison:</b>	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

<b>Submitting organisation:</b>	Australian Institute of Health and Welfare
<b>Reference documents:</b>	<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, <a href="https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/4363.0.55.001Main+Features12011-13">https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/4363.0.55.001Main+Features12011-13</a>.</p> <p>ABS 2018. National Health Survey: First Results, 2017–18. ABS cat. no. 4364.0.55.001. Canberra: ABS. Viewed 20 November 2019, <a href="https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/4364.0.55.001Main+Features100192017-18?OpenDocument">https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/4364.0.55.001Main+Features100192017-18?OpenDocument</a>.</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, <a href="https://www.who.int/nmh/events/ncd_action_plan/en/">https://www.who.int/nmh/events/ncd_action_plan/en/</a>.</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