National Healthcare Agreement: PI 03–Prevalence of overweight and obesity, 2020

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# National Healthcare Agreement: PI 03–Prevalence of overweight and obesity, 2020

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Progress measure |
| Short name: | PI 03–Prevalence of overweight and obesity, 2020 |
| METEOR identifier: | 716275 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020 |
| Description: | Prevalence of overweight and obesity in adults and children. |
| Indicator set: | [National Healthcare Agreement (2020)](https://meteor.aihw.gov.au/content/716246)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020 |
| Outcome area: | [Prevention](https://meteor.aihw.gov.au/content/393136)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 07/07/2010 |

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| Collection and usage attributes | |
| Computation description: | Body Mass Index (BMI) is calculated as weight (in kilograms) divided by the square of height (in metres).  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.  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](https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/4363.0.55.001Main+Features12011-13)) for BMI values.  Rates are directly age-standardised to the 2001 Australian population.  Excludes pregnant women where identified and people with an unknown BMI.  Analysis by remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) is based on usual residence of person.  Presented as a percentage.  95% confidence intervals and relative standard errors calculated for rates. |
| Computation: | 100 × (Numerator ÷ 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 5–17 who are obese or overweight. |
| Numerator data elements: | **Data Element / Data Set**  Adult—Body Mass Index  **Data Source**  [ABS 2017–18 National Health Survey (NHS)](https://meteor.aihw.gov.au/content/716316)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Child—Body Mass Index  **Data Source**  [ABS 2017–18 National Health Survey (NHS)](https://meteor.aihw.gov.au/content/716316)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Adult—Body Mass Index  **Data Source**  [ABS 2018-19 National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)](https://meteor.aihw.gov.au/content/719848)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Child—Body Mass Index  **Data Source**  [ABS 2018-19 National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)](https://meteor.aihw.gov.au/content/719848)  **Guide for use**  Data source type: Survey |
| Denominator: | Adults: Population aged 18 and over  Children: Population aged 5–17 |
| Denominator data elements: | **Data Element / Data Set**  Person—age  **Data Source**  [ABS 2017–18 National Health Survey (NHS)](https://meteor.aihw.gov.au/content/716316)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Person—age  **Data Source**  [ABS 2018-19 National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)](https://meteor.aihw.gov.au/content/719848)  **Guide for use**  Data source type: Survey |
| Disaggregation: | 2017–18—For each of adults and children, state and territory, by:   * sex by age (adults only) (not reported) * Indigenous status * remoteness (Australian Statistical Geography Standard (ASGS) 2016 Remoteness Structure) * 2016 Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) quintiles (not reported) * BMI category (underweight, normal, overweight, obese) (not reported) * disability status (not reported)   2017–18—For adults, nationally, by (all not reported):   * sex by remoteness (ASGS 2016 Remoteness Structure) * 2016 SEIFA IRSD deciles * remoteness (ASGS 2016 Remoteness Structure) by 2016 SEIFA IRSD deciles.   Some disaggregation may result in numbers too small for publication. |
| Disaggregation data elements: | **Data Element / Data Set**  Person—age  **Data Source**  [ABS 2017–18 National Health Survey (NHS)](https://meteor.aihw.gov.au/content/716316)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Person—area of usual residence  **Data Source**  [ABS 2017–18 National Health Survey (NHS)](https://meteor.aihw.gov.au/content/716316)  **Guide for use**  Data source type: Survey Used for disaggregation by state/territory, remoteness and SEIFA of residence    **Data Element / Data Set**  Person—disability status  **Data Source**  [ABS 2017–18 National Health Survey (NHS)](https://meteor.aihw.gov.au/content/716316)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Person—Indigenous status  **Data Source**  [ABS 2017–18 National Health Survey (NHS)](https://meteor.aihw.gov.au/content/716316)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Person—sex  **Data Source**  [ABS 2017–18 National Health Survey (NHS)](https://meteor.aihw.gov.au/content/716316)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Person—age  **Data Source**  [ABS 2018-19 National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)](https://meteor.aihw.gov.au/content/719848)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Person—area of usual residence  **Data Source**  [ABS 2018-19 National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)](https://meteor.aihw.gov.au/content/719848)  **Guide for use**  Data source type: Survey Used for disaggregation by state/territory, remoteness and SEIFA of residence |
| Comments: | Most recent data available for 2020 National Healthcare Agreement performance reporting: 2017–18 (total population, non-Indigenous: NHS); 2018–19 (Indigenous only: NATSIHS).  2017–18 data are based on measured height and weight, though respondents were also asked to self-report their height and weight. BMI derived from measured height and weight is preferable to that derived from self-reported height and weight.  In 2017–18, 33.8% of respondents aged 18 years 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*](http://www.abs.gov.au/ausstats/abs@.nsf/Lookup/by Subject/4364.0.55.001~2017-18~Main Features~Overweight and obesity~90) (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: | [Health behaviours](https://meteor.aihw.gov.au/content/392579)  [Bio-medical factors](https://meteor.aihw.gov.au/content/392578) |
| Data source attributes | |
| Data sources: | **Data Source**  [ABS 2017–18 National Health Survey (NHS)](https://meteor.aihw.gov.au/content/716316)  **Frequency**  Every 3 years  **Data custodian**  Australian Bureau of Statistics    **Data Source**  [ABS 2018-19 National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)](https://meteor.aihw.gov.au/content/719848)  **Data custodian**  Australian Bureau of Statistics |
| Accountability attributes | |
| Reporting requirements: | National Healthcare Agreement |
| Organisation responsible for providing data: | Australian Bureau of Statistics |
| Benchmark: | [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](https://meteor.aihw.gov.au/content/716260) |
| Further data development / collection required: | Specification: Final, the measure meets the intention of the indicator. |
| Relational attributes | |
| Related metadata references: | Supersedes [National Healthcare Agreement: PI 03–Prevalence of overweight and obesity, 2019](https://meteor.aihw.gov.au/content/698934)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 13/03/2020  Has been superseded by [National Healthcare Agreement: PI 03–Prevalence of overweight and obesity, 2021](https://meteor.aihw.gov.au/content/725824)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 03/07/2020  See also [Australian Health Performance Framework: PI 1.2.1–Rates of current daily smokers, 2019](https://meteor.aihw.gov.au/content/715271)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 13/10/2021  See also [Australian Health Performance Framework: PI 1.2.1–Rates of current daily smokers, 2020](https://meteor.aihw.gov.au/content/728290)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/10/2021  See also [Australian Health Performance Framework: PI 1.2.3–Levels of risky alcohol consumption, 2019](https://meteor.aihw.gov.au/content/715275)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 13/10/2021  See also [Australian Health Performance Framework: PI 1.2.3–Levels of risky alcohol consumption, 2020](https://meteor.aihw.gov.au/content/728296)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/10/2021  See also [Australian Health Performance Framework: PI 1.3.1–Prevalence of overweight and obesity, 2019](https://meteor.aihw.gov.au/content/715278)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 13/10/2021  See also [Australian Health Performance Framework: PI 1.3.1–Prevalence of overweight and obesity, 2020](https://meteor.aihw.gov.au/content/728304)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/10/2021  See also [Australian Health Performance Framework: PI 2.1.6–Potentially avoidable deaths, 2019](https://meteor.aihw.gov.au/content/715192)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 01/12/2020  See also [Australian Health Performance Framework: PI 2.1.6–Potentially avoidable deaths, 2020](https://meteor.aihw.gov.au/content/728337)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), 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](https://meteor.aihw.gov.au/content/716260)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020  See also [National Healthcare Agreement: PI 04–Rates of current daily smokers, 2020](https://meteor.aihw.gov.au/content/716279)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020  See also [National Healthcare Agreement: PI 05–Levels of risky alcohol consumption, 2020](https://meteor.aihw.gov.au/content/716290)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020  See also [National Healthcare Agreement: PI 16–Potentially avoidable deaths, 2020](https://meteor.aihw.gov.au/content/716490)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020 |