Adult—body mass index

Exported from METEOR

(AIHW's Metadata Online Registry)

© Australian Institute of Health and Welfare 2024

This product, excluding the AIHW logo, Commonwealth Coat of Arms and any material owned by a third party or protected by a trademark, has been released under a Creative Commons BY 4.0 (CC BY 4.0) licence. Excluded material owned by third parties may include, for example, design and layout, images obtained under licence from third parties and signatures. We have made all reasonable efforts to identify and label material owned by third parties.

You may distribute, remix and build on this website’s material but must attribute the AIHW as the copyright holder, in line with our attribution policy. The full terms and conditions of this licence are available at https://creativecommons.org/licenses/by/4.0/.

Enquiries relating to copyright should be addressed to info@aihw.gov.au.

Enquiries or comments on the METEOR metadata or download should be directed to the METEOR team at meteor@aihw.gov.au.

# Adult—body mass index

|  |  |
| --- | --- |
| Identifying and definitional attributes | |
| Metadata item type: | Data Element Concept |
| METEOR identifier: | 269556 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/03/2005  [National Health Performance Authority (retired)](https://meteor.aihw.gov.au/RegistrationAuthority/8), Retired 01/07/2016 |
| Definition: | Weight (body mass) relative to height used to assess the extent of weight deficit or excess in adults. |
| Context: | Public health and health care:  Body Mass Index (BMI) is used as an indicator of underweight, normal or healthy weight and overweight and obesity in adults and overweight and obesity in children and adolescents. On a population basis there is a strong association between BMI and health risk such as coronary heart disease, non-insulin dependant diabetes mellitus and high [**blood pressure**](https://meteor.aihw.gov.au/content/327210) in adults.  In population based surveys, BMI may be used:   * to indicate the prevalence of thinness and overweight and their sociodemographic distribution (problem identification) * to evaluate health promotion and disease prevention programs (assessment of interventions) * to monitor progress towards National public health policy * to ascertain determinants and consequences of thinness and overweight * in nutrition and physical activity surveillance and long-term planning. |

## Object Class attributes

### Identifying and definitional attributes

|  |  |
| --- | --- |
| Object class: | [Adult](https://meteor.aihw.gov.au/content/269001) |
| Definition: | An individual aged 18 years or older. |
| Specialisation of: | [Person/group of persons](https://meteor.aihw.gov.au/content/281123) |
| Source and reference attributes | |
| Submitting organisation: | Australia Institute of Health and Welfare |

## Property attributes

### Identifying and definitional attributes

|  |  |
| --- | --- |
| Property: | [Body mass index](https://meteor.aihw.gov.au/content/269114) |
| Definition: | A measure of body fat that gives an indication of nutritional status. Body mass index is the weight in kilograms divided by the square of the height in meters. |
| Property group: | [Physical characteristics](https://meteor.aihw.gov.au/content/274658) |
| Source and reference attributes | |
| Origin: | Dorland's Illustrated Medical Dictionary 30th ed. Philadelphia: Saunders |

## Data element concept attributes

### Relational attributes



|  |  |
| --- | --- |
| Data Elements implementing this Data Element Concept: | [Adult—body mass index (measured), ratio NN[N].N[N]](https://meteor.aihw.gov.au/content/270084)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/03/2005  [Adult—body mass index (self-reported), ratio NN[N].N[N]](https://meteor.aihw.gov.au/content/270086)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/03/2005  [National Health Performance Authority (retired)](https://meteor.aihw.gov.au/RegistrationAuthority/8), Retired 01/07/2016 |