

Measuring Overweight and Obesity

WHAT MEASURE IS USED?

- An expert panel, convened by the National Institutes of Health in 1998, recommended that Body Mass Index (BMI) be used to classify overweight and obesity.

WHY IS BMI USED?

- BMI correlates with risk of disease and death; for example, heart disease increases with increasing BMI in all population groups.
- Calculating BMI is simple, rapid, and inexpensive.
- BMI correlates well with total body fat for the majority of people.

DETERMINING BMI

- BMI is a measure of weight in relation to height:

$$\text{BMI} = \left\{ \frac{\text{weight (kg)}}{\text{height (m)}^2} \right\} \quad \text{or} \quad \text{BMI} = \left\{ \frac{\text{weight (pounds)} \times .703}{\text{height (inches)}^2} \right\}$$

- As an alternative to calculating BMI, tables to determine BMI are commonly available (www.cdc.gov/guidelines/obesity/bmi_tbl.htm).

CLASSIFICATION OF OVERWEIGHT AND OBESITY BY BMI

- In adults:

• Healthy weight	18.5-24.9
• Overweight	25.0-29.9
• Obesity	Class I 30.0-34.9
	Class II 35.0-39.9
	Class III ≥40.0
- In children and adolescents aged 6 to 19 years, overweight has been defined as a sex- and age-specific BMI at or above the 95th percentile, based on revised Centers for Disease Control and Prevention growth charts (www.cdc.gov/growthcharts).
- BMI has some limitations, in that it can overestimate body fat in persons who are very muscular, and it can underestimate body fat in persons who have lost muscle mass, such as many elderly.
- An actual diagnosis of overweight or obesity should be made by a health professional.

HEALTH CONSEQUENCES

- Overweight and obesity are associated with heart disease, certain types of cancer, type 2 diabetes, asthma, arthritis, breathing problems, and psychological disorders, such as depression.
- Simply having a BMI in the overweight or obese range does not necessarily indicate that a person is unhealthy. Other risk factors, such as high blood pressure, high cholesterol, smoking, diabetes, and personal and family medical history are important to consider when assessing overall health.
- The higher a person's BMI is above 25, the greater their weight-related health risks.

Surgeon Generals Report On Obesity

M Carnoy



Surgeon Generals Report On Obesity:

Decoding **Surgeon Generals Report On Obesity**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Surgeon Generals Report On Obesity**," a mesmerizing literary creation penned with a celebrated wordsmith, readers set about an enlightening odyssey, unraveling the intricate significance of language and its enduring effect on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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