

## Overweight and obesity, adults

### Row variables:

Geography  
Gender  
Age

### Column variables:

Year  
Weight classification

### Filter variables:

Measure, per cent

Year			2000-2003			
Weight classification			underweight	normal weight	overweight	obese
Geography	Gender	Age				
Troms	men	30 yrs	0.0	37.9	42.5	19.6
		40+45 yrs	0.0	28.7	51.7	19.6
		60 yrs	0.7	20.0	52.2	27.0
		75 yrs	0.4	36.0	44.5	19.1
	women	30 yrs	1.7	54.7	28.7	14.9
		40+45 yrs	0.8	48.9	35.3	15.0
		60 yrs	0.7	32.2	38.3	28.8
		75 yrs	1.2	23.5	46.1	29.2
Finnmark	men	30 yrs	0.0	32.5	43.9	23.6
		40+45 yrs	0.0	27.6	53.8	18.6
		60 yrs	0.4	21.9	52.7	25.0
		75 yrs	0.0	29.6	51.1	19.3
	women	30 yrs	1.6	48.0	29.9	20.5
		40+45 yrs	0.5	42.9	36.6	20.0
		60 yrs	0.5	27.6	40.7	31.2
		75 yrs	0.7	20.0	42.2	37.0

### Description

**Description:** Proportion of 30, 40+45, 60 and 75 years olds who are underweight, normal, overweight or obese. Based on physical measurements of height and weight in 5 Norwegian counties during 2000-2003.

Body mass index (BMI) is calculated as body weight (kg) divided by height (m) squared. BMI is then classified according to WHO's definitions for the adult population:

- BMI <18.5: underweight
- BMI 18.5-24.9: normal
- BMI 25.0-29.9: overweight
- BMI 30.0+: obese

### Data Source/Origin of data

**Source:** National Health Screening Service (part of Norwegian Institute of Public Health from 2002)

**Collection:** During the period 2000-2003, all 30, 40, 45, 60 and 75 year olds from the counties Oslo, Hedmark, Oppland, Troms and Finnmark were invited to participate in a health examination. Blood pressure, height, weight, hip and waist measures were measured, and a blood sample was taken. Participants were also asked to fill in one or more questionnaires. All participants received letters informing them of their results. Approximately 38 000 men and 39 000 women were invited. Only 5 of the 19 counties in Norway participated. The sample is therefore not nationally representative.

**Data quality:** Health examinations have been conducted in Norway according to well-established standardised criteria over a long period of time. The participation rate has declined progressively over the years. In the period 2000-2003, overall participation rate for the 5 counties presented here was 46% for men and 55% for women. Participation rate was lowest (29%) for 30 year old men from Finnmark and highest (75%) for 60 year old women from Oppland and Troms. Low participation rates makes it difficult to know whether the results are representative for the population that is being described. Results should therefore be interpreted with care.

### Divided by

**Time periods:** 2000-2003

**Geographical level:** 5 counties (Oslo, Hedmark, Oppland, Troms, Finnmark)

**Gender:** men, women

**Age groups:** 30, 40+45, 60 and 75 years

**Frequency of updates:** The health examinations were discontinued in 2003. A new European health examination survey may be introduced in Norway during the period 2010-2012.

**Last updated:** 12/4/08

### Keyword

- Body mass Index
- BMI
- Fat
- Normal weight
- Obese
- Obesity
- Overweight
- Underweight
- Weight
- Weight to height ratio