

Blood pressure, 40 year olds

Row variables:

Geography
Gender
Blood pressure level

Column variables:

Year

Filter variables:

Measure, per cent

Year			1985-1987	1988-1990	1991-1993	1994-1996	1997-1999	2000-2003
Geography	Gender	Blood pressure level						
Nordland	men	high	-	6.1	5.3	5.8	2.6	-
		moderately high	-	32.2	32.8	32.9	25.8	-
	women	high	-	3.2	2.7	2.2	0.9	-
		moderately high	-	17.4	17.4	14.5	10.0	-
Troms	men	high	-	-	4.8	3.2	2.2	3.2
		moderately high	-	-	28.8	31.7	24.5	19.2
	women	high	-	-	2.5	1.7	1.1	1.5
		moderately high	-	-	15.6	14.2	10.7	11.9
Finnmark	men	high	5.0	3.4	6.1	-	4.8	0.8
		moderately high	30.2	25.7	30.3	-	30.6	19.4
	women	high	2.6	1.9	2.8	-	1.9	0.3
		moderately high	14.8	13.0	13.7	-	12.5	8.7

Description

Description: Proportion of survey participants with high or moderately high blood pressure.

Up until 1999, blood pressure was measured for 40-42 year olds who participated in the 40-year-old survey. In 2000 the age criteria was changed to 40-45 years.

- High blood pressure: systolic blood pressure = 170 mmHg and above or diastolic blood pressure = 100 mmHg and above.
- Moderately high blood pressure: systolic blood pressure = 140-169 mmHg or diastolic blood pressure = 90-99 mmHg.

Data Source/Origin of data

Source: Norwegian Institute of Public Health (previously National Health Screening Service)

Collection: All 40-42 year olds were invited to a countywise health examination for certain diseases. Blood pressure, height, weight, hip and waist measures were registered, 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. The last health examination was conducted in 2003.

Data quality: The health examinations were conducted according to well-established standardized criteria over a long time. The response rate declined progressively over time. In the 1980's the response rate was around 80-90 %, by the late 1990's it had decreased to 60-70 % and in 2000-2001 was just 50 %. For all time periods, the response rate was 5-10 % higher for women than for men.

Divided by

Time periods: 1985-1987, 1988-1990, 1994-1996, 1997-1999, 2000-2003

Geographical level: Counties

Gender: Men, women

Age groups: 40-42 years up until 1999, 40-45 years from 2000 onwards.

Frequency of updates: Health examinations were conducted in each county on a three year cycle. These examinations were discontinued in 2003 and a replacement is not yet planned.

Last updated: 9/14/06

Keyword

- Hypertension
- blood pressure
- BP
- elevated
- systolic
- diastolic
- heart
- cardiovascular
- health examination