

The wider economic and social costs of obesity:

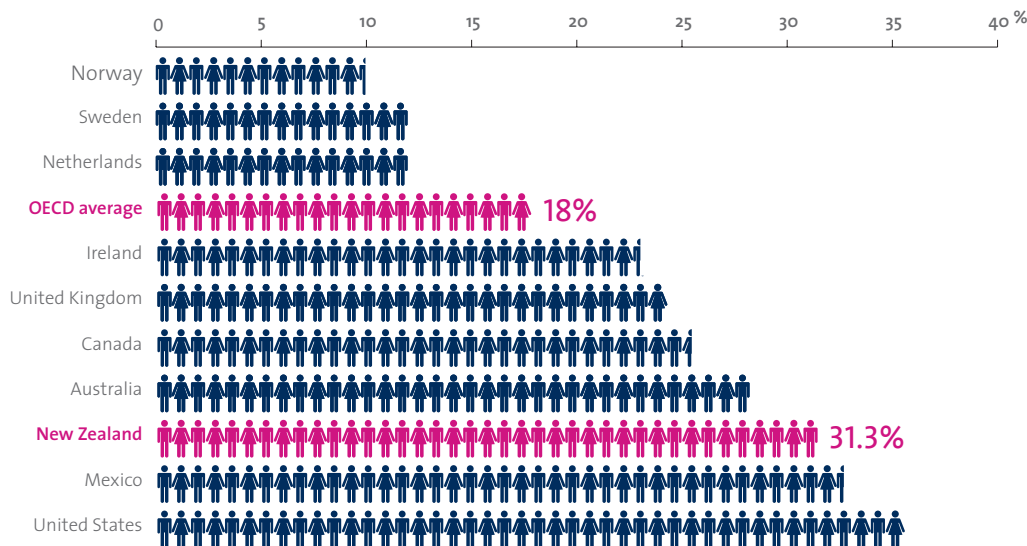
A discussion of the non-health impacts of obesity in New Zealand

GLOBALLY



New Zealand has the **3rd highest** rate of obesity in the OECD

Source: OECD (2014)



IMPACTS OF OBESITY

- I finished school with fewer qualifications
- I learn less
- My children are more likely to also be obese
- It's harder for me to get a job
- I am discriminated against
- My fuel costs are higher because of my weight
- I take more sick leave

In 2006, the annual loss in productivity in New Zealand due to excess weight was estimated to be between

\$98 – \$225 million

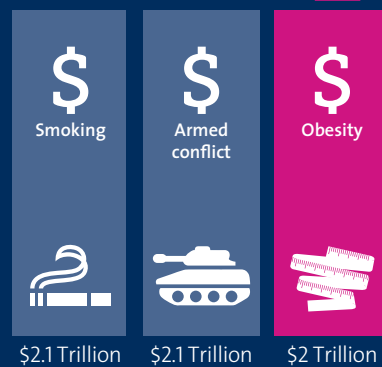
Source: Lal et al. (2012)

SINCE 2006 OBESITY IN NEW ZEALAND HAS INCREASED



Source: Ministry of Health (2013)

Annual world economic burden



Source: McKinsey Global Institute (2014)

BMI INDEX OF OBESITY

BMI: ≥ 25 IS OVERWEIGHT ≥ 30 IS OBESE

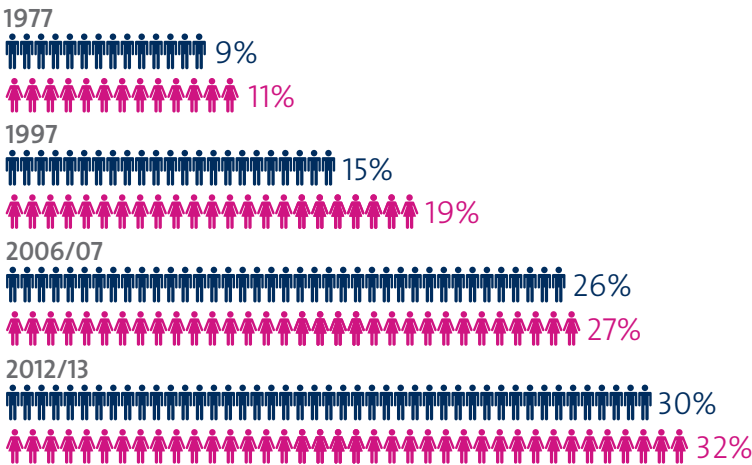
This applies to all ethnicities, both sexes and all ages of adults

CLASSIFICATION	BMI SCORE (kg/m ²)	RISK OF CO-MORBIDITY (multiple diseases)
Overweight	25.00–29.99	Increased risk
Obese:	≥ 30.00	High risk
Obese (class I)	30.00–34.99	Moderate risk
Obese (class II)	35.00–39.99	Severe risk
Obese (class III)	≥ 40.00	Very severe risk

Source: Ministry of Health (2013); World Health Organisation (2014)

The prevalence of obesity in New Zealand has increased over time. Current rates are **3 times those in 1977**

Prevalence of obesity in the adult population aged 15 years and over; Total by sex

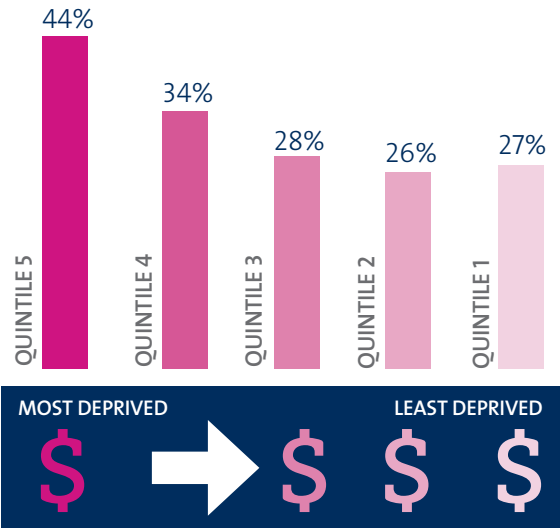


Source: Ministry of Health (2004, 2013)

Adults and children living in deprived areas are more likely to be obese

Prevalence of adult obesity in New Zealand by deprivation quintile

2012/13; Neighbourhood deprivation (NZDep2006 quintile); Non adjusted for age, sex and ethnicity



Source: Ministry of Health (2013)



Children living in the most **deprived** areas are **4 times** as likely to be obese

Source: Ministry of Health (2013)



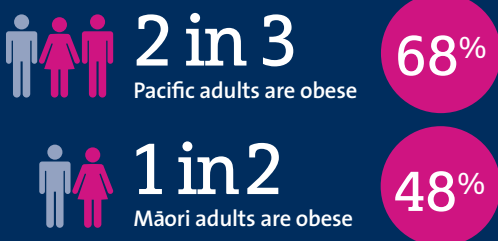
1 in 9 children aged 2–14 years are **obese**



Source: Ministry of Health (2013)

Māori and Pacific peoples have high rates of obesity

ADULTS



CHILDREN



Source: Ministry of Health (2013)