



The City of Ballarat lies within the Grampians Victorian health region and is part of the Central Highlands Primary Care Partnership. Ballarat is located 115km West of Melbourne and as of June 30 2007, had a population of 89,703¹ with adults comprising 75.9% of the population, compared with 77.1% for Victoria². More than three out of ten residents (31.5%) were aged 50 years or older, compared with 30.9% for Victoria. There was a greater percentage (37.0%) of low income households (combined annual income of less than \$33,500) compared with 30.6% for Victoria³. Life Expectancy at birth in 2006 was 82.3 years for females and 76.9 years for males, lower⁴ than the Victorian figure of 84.3 years and 80.0 years respectively⁵.

The Victorian Population Health Survey is an annual state-wide survey that the Department of Health undertakes to collect information on the health of the adult Victorian population (18 years or older). This is the first time that the sample size has been expanded to allow detailed analysis at the local government area level.

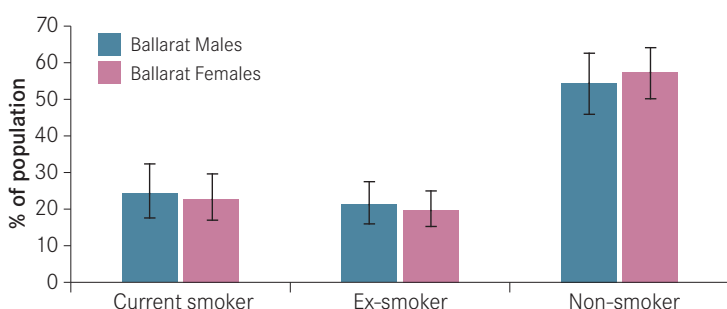
This fact sheet presents major findings from the 2008 survey. For more information see:

www.health.vic.gov.au/healthstatus/vphs.htm

Smoking status

Current smokers are defined as those who smoke daily or occasionally. Smoking patterns between the City and Victoria were similar⁶. In 2008, 24.3% of males and 22.7% of females in the City were classified as current smokers compared with 21.4% and 16.9% respectively for Victoria.

Smoking status, 2008

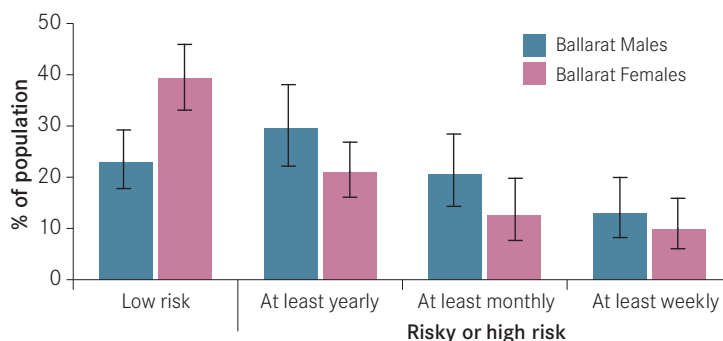


Alcohol consumption⁷

The *Australian Alcohol Guidelines*⁸ specify the risks of short and long-term alcohol-related harm by level of alcohol consumption in males and females.

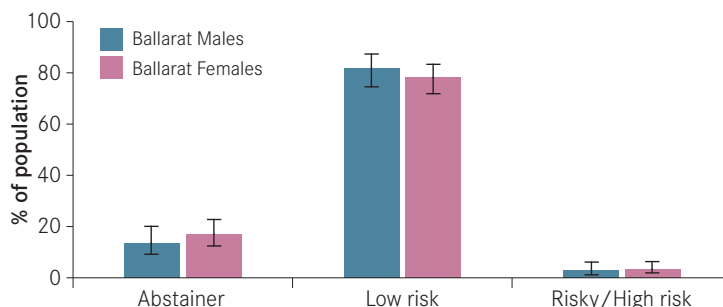
The patterns of alcohol consumption were similar between the City and Victoria for females. However, the percentage of males in the City who consumed alcohol at a low risk level for short-term harm (23.0%) was lower than Victorian males (33.3%) and lower than females in the City (39.3%).

Percentage of persons at short-term risk of alcohol-related harm, 2008



Note: abstainers are not included in the assessment of short-term risk levels.

Percentage of persons at long-term risk of alcohol-related harm, 2008

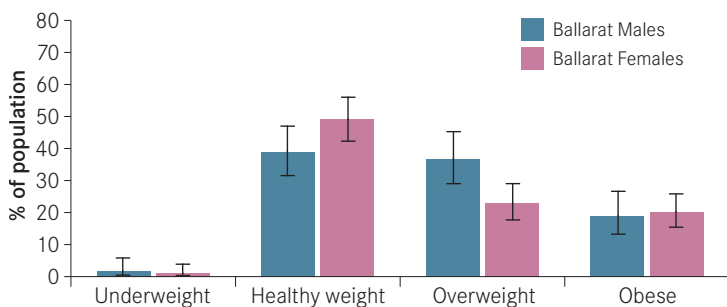


Overweight and obesity

Being overweight or obese is an important risk factor for developing type 2 diabetes, cardiovascular disease, hypertension, certain cancers, sleep apnoea and osteoarthritis. It is typically measured by calculating a person's Body Mass Index (BMI), which is their weight in relation to their height⁹.

In 2008, 36.8% of males and 22.9% of females in the City of Ballarat were overweight, similar to Victorian males and females (39.9% and 24.2% respectively). Almost one in five males (19.0%) and 20.2% of females in the City were obese, also similar to Victorian males and females (17.3% and 16.1% respectively).

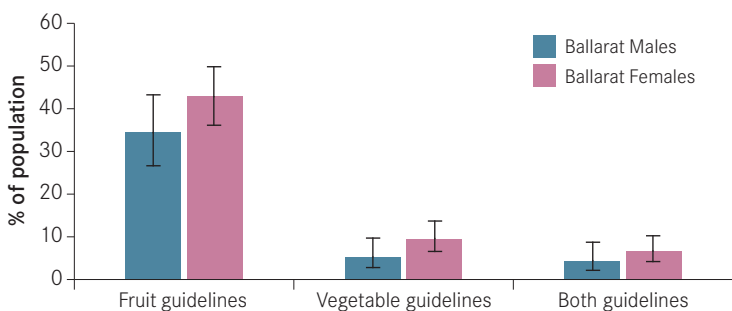
Percentage of overweight and obesity in adults, 2008



Nutrition

In 2008, 9.6% of females and 5.3% of males in the City met the dietary guidelines¹⁰ for vegetable consumption, similar to Victorian females and males (10.7% and 5.0% respectively). However, the percentage of females in the City who met the dietary guidelines for fruit consumption (42.9%) was lower than Victorian females (53.5%). More than one-third (34.5%) of males in the City met the dietary guidelines for fruit consumption, similar to Victorian males (41.0%).

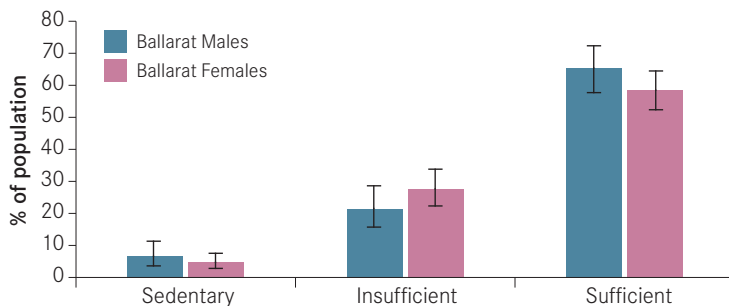
Percentage of adults who met guidelines for the number of serves of fruit and/or vegetables per day, 2008



Physical Activity

In 2008, 65.5% of males and 58.6% of females in the City met the physical activity guidelines¹¹, similar to Victorian males and females (61.0% and 59.7% respectively). There were no differences in physical activity levels between the City and Victoria overall or between males and females in the City.

Levels of physical activity, 2008

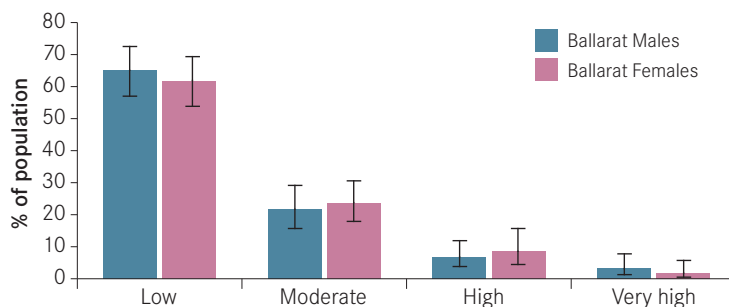


Psychological distress

Poor mental health is a significant risk factor for poor health outcomes. The Kessler 10 (K10) scale is a set of ten questions designed to categorise the level of psychological distress over a four week period.

In 2008, 65.0% of males and 63.6% of females in the City were classified as having a low level of psychological distress, similar to Victorian males and females (65.3% and 59.7% respectively). However, the percentage of females in the City classified as having a moderate level of psychological distress (15.5%) was lower than Victorian females (24.0%).

Levels of psychological distress, 2008



For more information please refer to the full report of the 2008 Victorian Population Health Survey at www.health.vic.gov/healthstatus/vphs.htm

1. Service Planning, Department of Health (DH).
2. ABS (Australian Bureau of Statistics), 2007.
3. ABS, 2006 national census.
4. LGA estimates are considered to be higher or lower than the Victorian estimate based on statistical significance, determined by comparing the 95% confidence intervals (CI) between estimates. Where the 95% CI of estimates do not overlap there is strong evidence that the estimates are different. Where they overlap, the estimates are deemed to be similar.
5. Health Intelligence Unit, DH.

6. The LGA estimates are age-adjusted to the 2006 Victorian population.
7. The 2008 VPHS survey questions on alcohol consumption captured the risks of alcohol-related-harm based on the current 2001 Australian Alcohol Guidelines. New guidelines were released in March 2009 and will be reflected in the 2009 VPHS.
8. NHMRC (National Health and Medical Research Council) 2001.
9. BMI Reference: WHO 2000, *Obesity: Preventing and Managing the Global Epidemic*, WHO Technical Report Series 894, World Health Organisation (WHO), Geneva.

10. The **Dietary Guidelines for Australian Adults** recommend five serves of vegetables and two serves of fruit daily for adults, aged 19 years and older, to ensure a healthy diet. NHMRC 2003. For persons aged 12 to 18 years, the recommendations are for three serves of vegetables and three serves of fruit.
11. The **National Physical Activity Guidelines for Australians** recommend at least 30 minutes of moderate intensity activity on most, preferably all days in persons aged 19 years and over. DoHAC (Department of Health and Aged Care) 1999, Canberra.