

2012

Cycling Participation

Waverley Council, NSW



Summary

The 2012 Australian Local Government Cycling Participation Survey was conducted in March and April within select local government areas in New South Wales, Queensland and Victoria.

The survey was conducted using computer assisted telephone interviewing (CATI) and obtained information on cycling participation for all household members. A specialist market research firm conducted the interviews, using interviewers experienced in conducting telephone interviews and subject to training on the survey. Interviews were conducted between 5pm and 8:30pm local time on weekdays and between 10am and 5pm on weekends.

In order to minimise the risk of bias, the survey was introduced as being about travel habits, and cycling participation was asked in the context of broader transport habits. The interview was conducted with the individual who answered the phone, or an individual aged 15 or older who was available if a child answered. This individual was asked about their cycling participation and that of all other household members. This method improved the overall survey efficiency and allowed for coverage of participation by children, for whom cycling participation is greatest.

In the Waverley local government area, 471 households consisting of 1,185 individuals were interviewed.

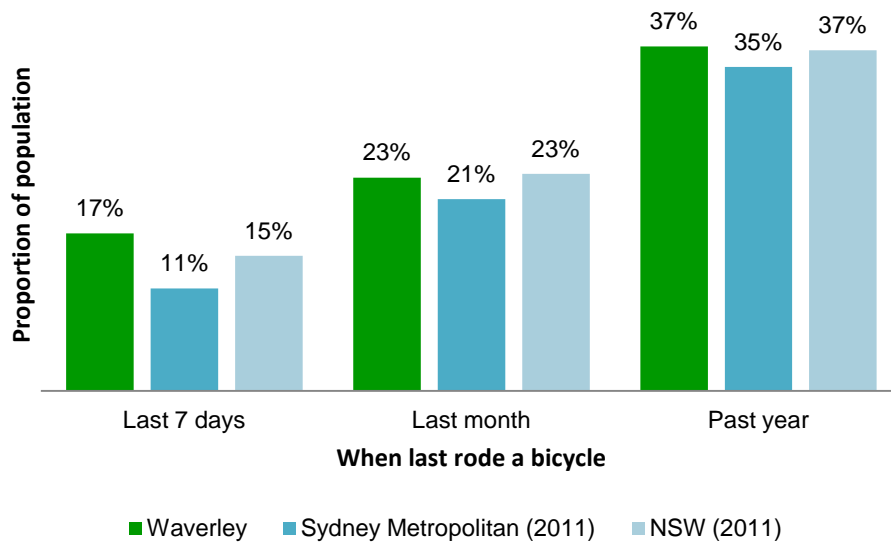
In the Waverley Council area:

- **16.9%** of residents ride a bicycle in a typical week
- **22.9%** of residents ride a bicycle in a typical month
- **22.9%** of male residents ride in a typical week, compared with **11%** of females
- **42.9%** of children aged 2 to 9 ride a bicycle in a typical week, decreasing to **9.1%** of 18 to 29 year olds
- Of those who rode in the past week, **76.2%** had ridden for recreation or exercise while **45.7%** had ridden for transport
- **37.9%** of households have at least one working bicycle.

In March 2011 the Australian Bicycle Council undertook a National Cycling Participation Survey. The methodology and timing of the survey was very similar and the results have been used to provide comparison data.

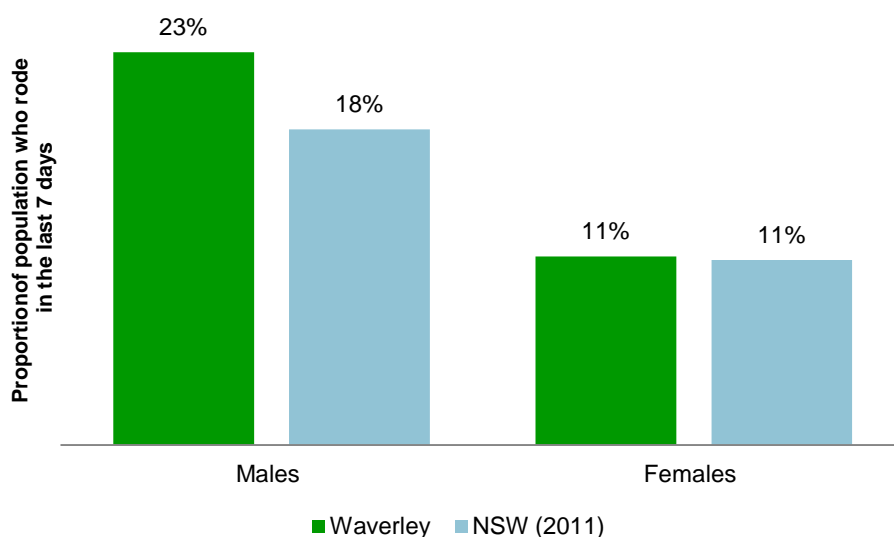
Results

Cycling participation comparison by area



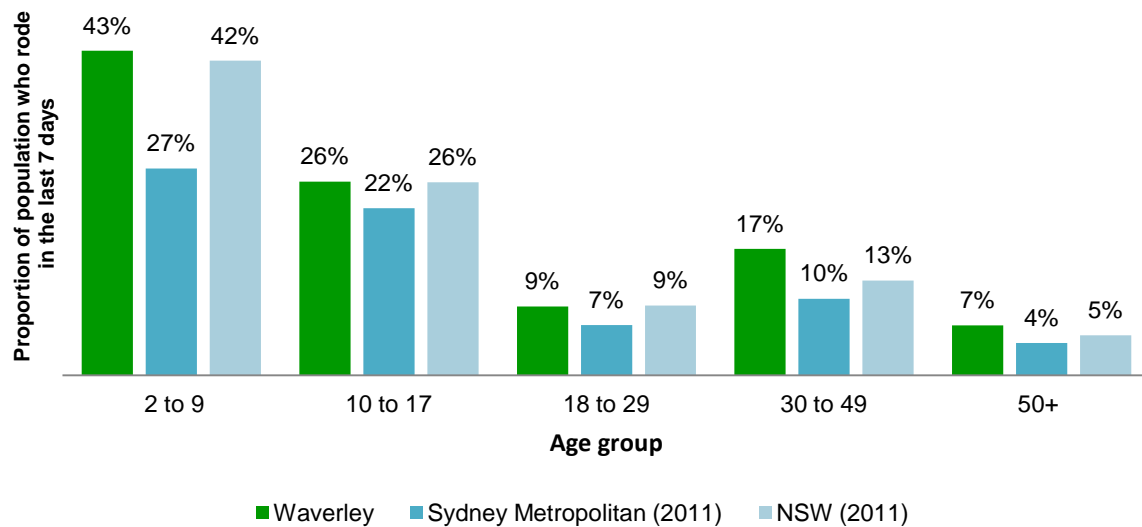
In Waverley about 11,700 people ride in a typical week and 25,700 people ride at least once in a typical year. The proportion of people who ride in Waverley in a typical week is significantly higher than the whole of the Sydney metropolitan area.

Cycling participation by gender



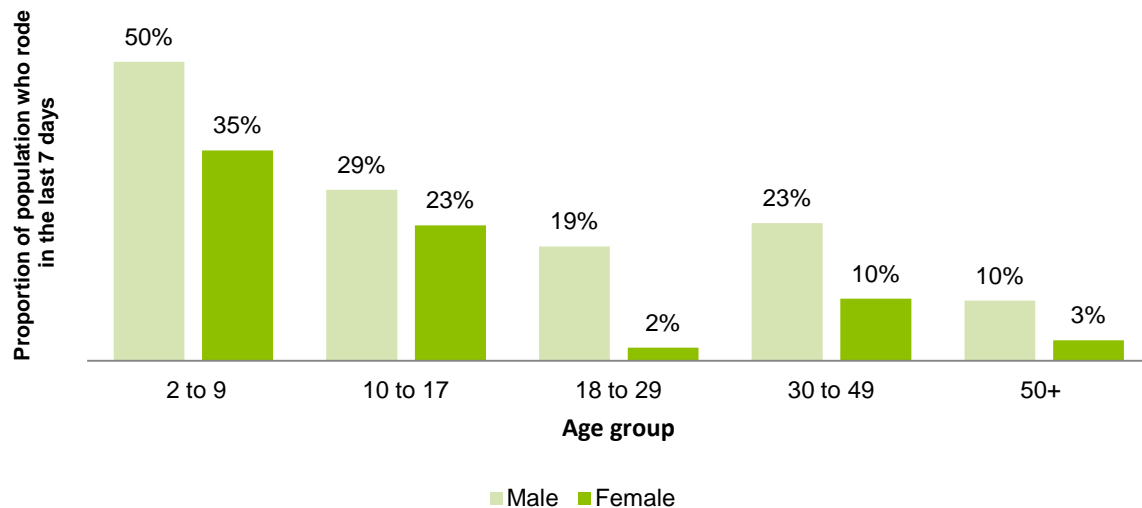
In Waverley 22.9% of males and 11% of females ride in a typical week. The proportion of males riding in Waverley is significantly higher than the NSW average while the proportion of females is similar.

Cycling participation by age



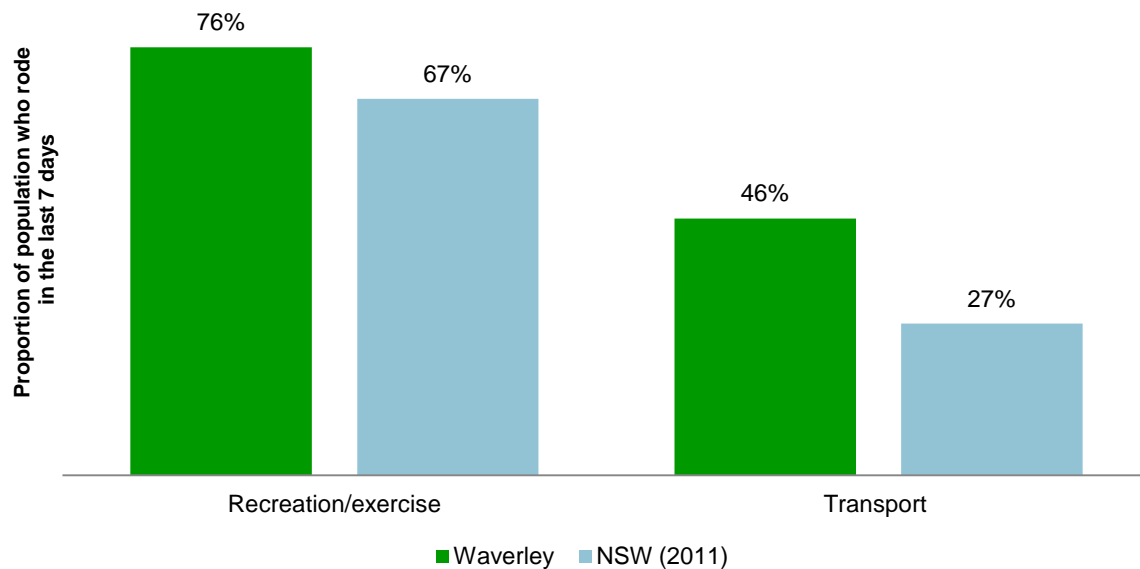
The highest participation rates in Waverley are amongst 2-9 year olds. This is consistent with NSW and Australian cycling participation patterns. Waverley has significantly higher participation amongst 2 to 9 year olds in comparison to the whole Sydney Metropolitan area.

Cycling participation by age and gender



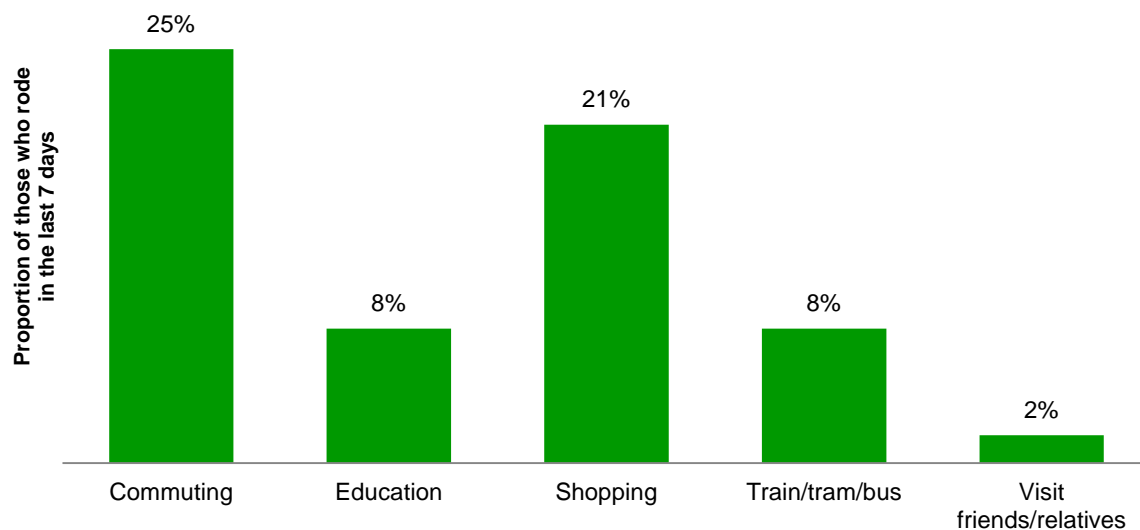
The proportion of males who ride is much greater than for females across most age groups.

Cycling for recreation in comparison to cycling for transport



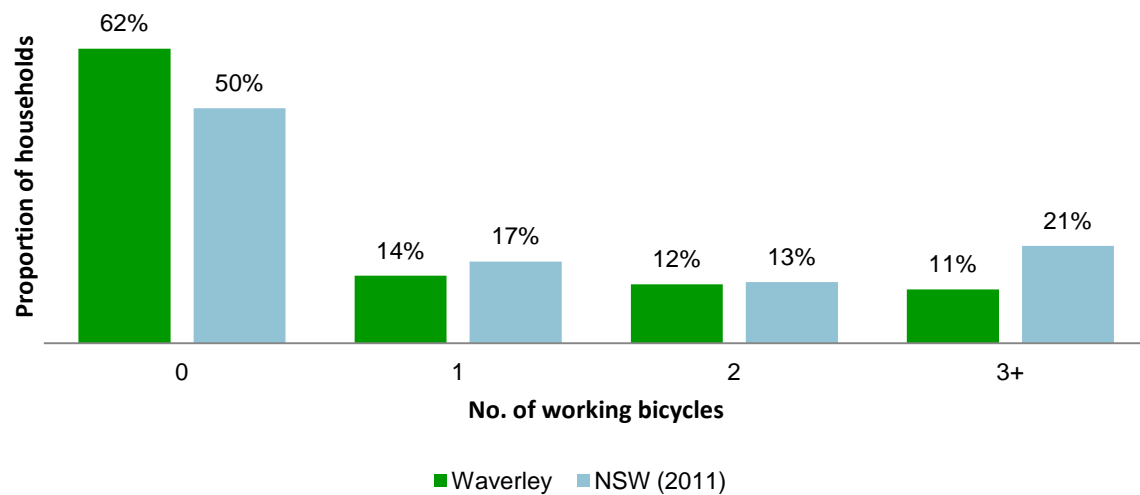
Of the people who cycled in Waverley in the last seven days, 76.2% cycled for recreation and 45.7% used a bicycle for transport. The significantly higher level of recreation cycling in comparison to cycling for transport is consistent with NSW and Australian cycling participation patterns. Waverley has a significantly higher proportion of people cycling for transport than NSW as a whole.

Purpose of cycling for transport



The most common reason for cycling for transport in Waverley was commuting, followed by shopping.

Bicycle ownership by household



More than 60% of all households in Waverley do not have access to a working bicycle, this is significantly higher than the NSW average.

Results Tables

The following table summarises the survey results. Estimates are provided for each parameter, as well as the 95% confidence interval and a confidence rating. This confidence rating provides an indication of the sampling variability relative to the size of the estimate using relative standard errors. The lower the relative standard error the lower the sampling variability is relative to the size of the estimate. A relative standard error of less than 25% is indicated by three stars, between 25% and 50% by two stars and above 50% by one star. A score of three stars indicates a high level of confidence such that the estimate can be treated with a high degree of confidence. A confidence rating of two stars indicates a moderate level of confidence, such that the estimate should be treated with caution. One star represents a situation where there is very low confidence in the estimate, and it is unlikely to be reliable.

Sample statistics			
No. of households: 471			
No. of individuals: 1,185			
Cycling participation	Estimate	95% confidence interval	Confidence rating
% who rode last week	16.9%	14.7 - 19.4%	★★★
% who rode last month	22.9%	20.4 - 25.6%	★★★
% who rode in past year	37.0%	34.1 - 40.0%	★★★
No. who rode last week	11,700	10,200 - 13,500	★★★
No. who rode last year	25,700	23,700-27,800	★★★
Participation by demography			
Gender			
% of males who rode last week	22.9%	19.2 - 27.1%	★★★
% of females who rode last week	11.0%	8.6 - 13.9%	★★★
Age			
% of 2-9 yr olds who rode last week	42.9%	34.8 - 51.3%	★★★
% of 10-17 yr olds who rode last week	25.6%	18.4 - 34.3%	★★★
% of 18 to 29 yr olds who rode last week	9.1%	4.4 - 17.8%	★★
% of 30 to 49 yr olds who rode last week	16.7%	12.8 - 21.6%	★★★
% of 50 yr+ olds who rode last week	6.6%	4.8 - 9.1%	★★★
Gender by Age			
Male: 2-9 yr	50.0%	37.8 - 62.2%	★★★
Male: 10-17 yr	28.6%	18.8 - 40.9%	★★★
Male: 18-29 yr	19.1%	10.3 - 32.8%	★★
Male: 30-49 yr	23.0%	16.5 - 31.2%	★★★
Male: 50 yr+	10.0%	6.8 -14.6%	★★★
Female: 2-9 yr	35.1%	25.1 - 46.6%	★★★
Female: 10-17 yr	22.6%	13.3 - 35.8%	★★
Female: 18-29 yr	2.2%	0.5 - 8.4%	★
Female: 30-49 yr	10.4%	6.5 - 16.3%	★★★
Female: 50 yr+	3.4%	1.9 - 6.3%	★★

Participation by purpose	Estimate	95% confidence interval	Confidence rating
Summary			
% of those who rode in past week for recreation/exercise	76.2%	67.6 - 83.2%	★ ★ ★
% of those who rode in past week for transport	45.7%	37.0 - 54.7%	★ ★ ★
Detail			
% of those who rode in past week for commuting	25.2%	18.0 - 34.1%	★ ★ ★
% of those who rode in past week for education	8.2%	4.9 - 13.4%	★ ★
% of those who rode in past week for shopping	20.6%	13.7 - 20.7%	★ ★
% of those who rode in past week for recreation/exercise	76.2%	67.6 - 83.2%	★ ★ ★
% of those who rode in past week to train/tram/bus	8.2%	4.5 - 14.6%	★ ★
% of those who rode in past week to visit friends/relatives	1.7%	0.6 - 5.1%	★
Cycling travel			
Caution: cycling travel estimates are biased by self-reporting and recall limitations, and should be treated with a high level of caution.			
Average number of bicycle trips by those that had ridden in past week	6.1	5.1 - 7.1	NA
Average time ridden (mins) in past week by those that had ridden	205	141 – 269	NA
Household characteristics			
% of households without a working bicycle	62.1%	58.2 - 65.8%	★ ★ ★
% of households with one working bicycle	14.2%	11.3 - 17.7%	★ ★ ★
% of households with two working bicycles	12.4%	9.9 - 15.4%	★ ★ ★
% of households with three working bicycles	11.3%	9.3 - 13.8%	★ ★ ★



Austroads



Australian Bicycle Council The Australian Bicycle Council coordinates the implementation of The Australian National Cycling Strategy 2011 - 2016. The Council also maintains the Cycling Resource Centre (CRC) an on-line information hub of cycling information. www.cyclingresourcecentre.org.au. The Australian Bicycle Council's secretariat is provided by Austroads with funding from the Commonwealth Department of Infrastructure and Transport.

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