

Greenway Sustainability Project Survey Report

Background

The Cooks River to Iron Cove GreenWay is an urban green corridor in Sydney's Inner West that connects the Cooks River at Earlwood to Iron Cove Bay at Haberfield. The GreenWay is a community vision for a "recognisable environmental, cultural and non-polluting transport corridor connecting two of Sydney's most important waterways". The GreenWay corridor passes through Canterbury, Marrickville, Ashfield and Leichhardt Council areas of Sydney's Inner West and incorporates Hawthorne Canal and the Rozelle freight rail corridor.

This report presents the significant findings of the survey designed as part of the GreenWay Sustainability Project by the project's staff with consultants The Public Practice, who wrote this report. The Greenway community surveyed is the catchment around the rail line and canal. The Greenway includes part of 11 suburbs and has an estimated population around 37,000 residents aged 18+ (2006 Census).

The survey was distributed over a two-week period in June 2010 by distribution to some 18,000 households as a tear-off section of a leaflet informing residents about project's activities and plans for the Greenway. Householders could complete and post the survey back (reply-paid), or go to a web site set up on Survey Monkey and answer the same questions there.

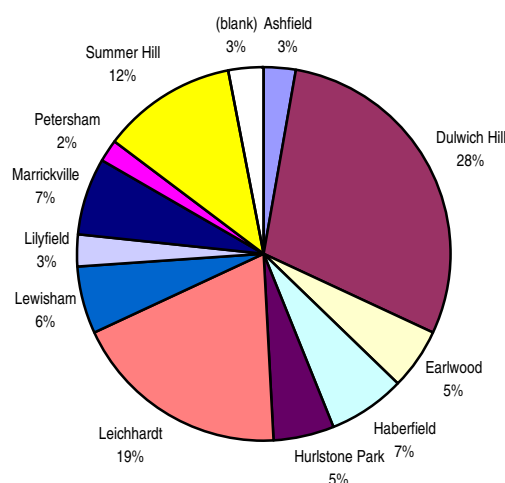
Responses

The survey received 716 valid responses, with 664 giving suburb addresses within the Greenway survey area, and a further 52 from people living outside the area or address unknown. Of the respondents, 547 used the postal survey and 169 used the web-based alternative.

The responses were equivalent to 1.8% of the estimated catchment population aged 18+ (2.2% if males and 1.3% of females) and 3.7% of the households in the Greenbelt.

Across the suburbs in the Greenway, the response rate varied from 15% of households in Dulwich Hill and 10% in Summer Hill down to 0.4% in Lilyfield. Only Dulwich Hill, Summer Hill and Leichhardt have a sufficient sample to allow accurate cross-tabulations.

Responses from suburbs



Which suburb do you live in?

| | returns | % total | % pop'n aged 18+ | % h'holds |
|------------------|------------|-------------|------------------|-------------|
| Ashfield | 19 | 3% | 1.3% | 3.1% |
| Dulwich Hill | 194 | 29% | 6.8% | 15.3% |
| Earlwood | 34 | 5% | 0.5% | 1.0% |
| Haberfield | 45 | 7% | 2.9% | 5.9% |
| Hurlstone Park | 35 | 5% | 2.0% | 4.4% |
| Leichhardt | 125 | 19% | 2.4% | 4.9% |
| Lewisham | 39 | 6% | 1.4% | 3.0% |
| Lilyfield | 18 | 3% | 0.2% | 0.4% |
| Marrickville | 45 | 7% | 2.0% | 3.8% |
| Petersham | 12 | 2% | 0.5% | 1.1% |
| Summer Hill | 78 | 12% | 4.3% | 10.2% |
| (blank) | 20 | 3% | | |
| Total | 664 | 100% | 1.8% | 3.7% |
| out of catchment | 52 | 7% | | |
| Total | 716 | | | |

| | % males | % females | males | females |
|--------------|-------------|-------------|------------|------------|
| | 1.8% | 0.9% | 12 | 7 |
| | 8.9% | 4.7% | 119 | 73 |
| | 0.5% | 0.5% | 14 | 19 |
| | 3.0% | 2.8% | 22 | 23 |
| | 2.3% | 1.7% | 19 | 16 |
| | 3.0% | 1.8% | 76 | 47 |
| | 1.9% | 0.9% | 25 | 13 |
| | 0.3% | 0.1% | 11 | 6 |
| | 1.9% | 2.0% | 22 | 23 |
| | 0.9% | 0.2% | 10 | 2 |
| | 5.7% | 3.0% | 50 | 28 |
| | | | 3 | 3 |
| Total | 2.2% | 1.3% | 383 | 260 |

Age and gender

Across age-sex groups, the highest responses were from men aged 45-64 (3.3% of residents), then men aged 25-44 (2.3%) and women aged 45-64 (2.1%). Young people under 25 and people over 65 were less well represented.

Overall, 24% of the responses were via the website. More women used this means, 30% compared with 16%. Across the age groups, web responses were highest amongst women aged 15-24 at 88% (these respondents were possibly mainly from one group, eg a school class, given the small numbers). They were significantly high among women aged 25-44, with 45% of 114 responding via the web.

Which age group are you in? Are you male or female?

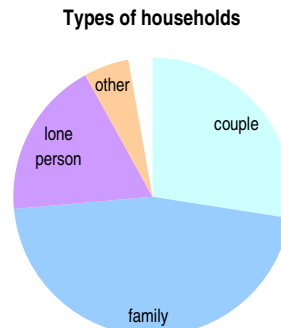
| | returns | males | females | % age group | % males | % females | % web responses | % web males | % web females |
|----------|---------|-------|---------|-------------|---------|-----------|-----------------|-------------|---------------|
| under 15 | 31 | 12 | 19 | n.a. | n.a. | n.a. | 0% | 0% | 0% |
| 15-24 | 19 | 11 | 8 | 0.4% | 0.4% | 0.3% | 53% | 27% | 88% |
| 25-44 | 303 | 186 | 114 | 1.8% | 2.3% | 1.3% | 28% | 18% | 45% |
| 45-64 | 297 | 174 | 120 | 2.7% | 3.3% | 2.1% | 19% | 16% | 22% |
| 65+ | 49 | 18 | 30 | 0.9% | 0.7% | 1.0% | 8% | 6% | 10% |
| (blank) | 17 | 1 | 1 | | | | 82% | 0% | 0% |
| Total | 716 | 402 | 292 | 1.9% | 2.2% | 1.4% | 24% | 16% | 30% |

Types of households

The response rate average about 4% of all households, and rises with household size. It was lowest for single-person households (2%), average for couples, and highest at 5% for family and group households.

Virtually all respondents spoke English at home (92%) with a few respondents speaking Chinese, Italian and Greek, and other unspecified or rare languages.

| Which of these would best describe your household? | returns | no h'holds | % h'holds |
|--|---------|------------|-----------|
| couple | 197 | 4413 | 4% |
| family | 330 | 7212 | 5% |
| lone person | 131 | 5476 | 2% |
| other | 38 | 839 | 5% |
| (blank) | 20 | | |
| Total | 716 | 17940 | 4% |



| What is the main language spoken in your home? | returns | % |
|--|---------|-----|
| English | 658 | 92% |
| other | 20 | 3% |
| Chinese | 8 | 1% |
| Italian | 6 | 1% |
| Greek | 3 | 0% |
| Arabic | 2 | 0% |

Distance from the Greenway corridor

As was expected, more responses were received from those in close walking distance to the Greenway than from those furthest away. Residential density to the survey is fairly consistent across the Greenway, so higher proportions of responses from closer residents suggests higher response rates (per household). The pattern of responses was similar for males and females, and for most age groups except where response numbers were low. This suggests that interest in the Greenway declines with distance from the Greenway corridor, which is consistent with expectations.

How long do you think it would take you to walk from your home to the closest point of the Rozelle to Dulwich Hill freight rail corridor?

| | returns | % total | % males | % females | u/. 15 yrs | 15-24 yrs | 25-44 yrs | 45-64 yrs | 65+ yrs |
|-------------|---------|------------|---------|-----------|------------|-----------|-----------|-----------|---------|
| under 5 min | 262 | 37% | 40% | 35% | 19% | 21% | 43% | 37% | 27% |
| 5-10 min | 224 | 31% | 30% | 33% | 19% | 21% | 30% | 32% | 49% |
| 10-15 min | 106 | 15% | 15% | 15% | 19% | 21% | 13% | 16% | 12% |
| over 15 min | 120 | 17% | 15% | 17% | 39% | 37% | 13% | 16% | 12% |
| (blank) | 4 | 1% | 1% | 0% | 3% | 0% | 1% | 0% | 0% |
| Total | 716 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

General environmental awareness

The survey asked some questions about general environmental awareness and behaviour. The benchmark question, 'how concerned are you about the state of the environment in Australia?', was asked in a national survey by the Australian Bureau of Statistics, (ABS 4626.0.55.001 Environmental Views and Behaviour, 2007-08).

The survey results indicate very high levels of concern in the Greenway about the state of the environment generally, with 71% being very concerned and 28% being concerned, and fewer than 10 respondents not being concerned.

Nationally, the ABS survey found that 81% of adults were concerned about the environment, with higher proportions among those aged 35-64, born in Australia, employed, more educated, and with higher incomes. All these characteristics match the Greenway community, so the results from this survey are consistent with those in the more rigorous ABS survey. However, it would appear that those not concerned about the environment are less likely to have returned this survey than those who were concerned.

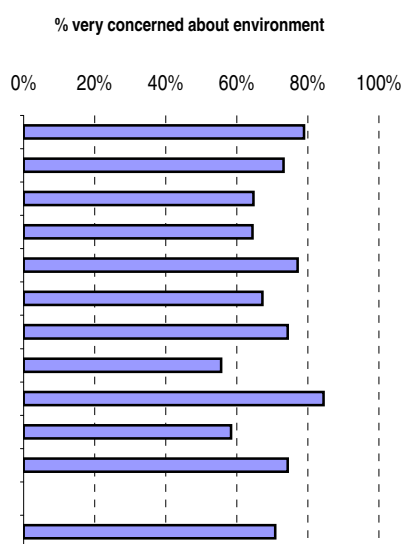
How concerned are you about the state of the environment in Australia?

| | returns | % total | % males | % females | u/ 15 yrs | 15-24 yrs | 25-44 yrs | 45-64 yrs | 65+ yrs |
|--------------------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|---------|
| very concerned | 507 | 71% | 74% | 68% | 61% | 47% | 67% | 77% | 78% |
| somewhat concerned | 198 | 28% | 25% | 31% | 39% | 53% | 31% | 22% | 20% |
| no opinion | 6 | 1% | 1% | 0% | 0% | 0% | 1% | 1% | 0% |
| not concerned | 5 | 1% | 1% | 1% | 0% | 0% | 1% | 1% | 2% |
| Total | 716 | | | | | | | | |

The suburbs with the highest proportions being very concerned about the environment were Marrickville (84%), Ashfield (79%) and Hurlstone Park (77%). The proportion was notably lower in Lilyfield (56%) and Petersham (58%); both these areas had few survey responses so the results are less accurate.

Overall, 71% of the survey respondents wanted the Greenway team to keep in touch with them. The suburbs with the highest proportions wanting contact were Ashfield (95%), Petersham and Hurlstone Park (83%), and Marrickville (82%).

| Which suburb do you live in? | How concerned are you about the environment? | | |
|------------------------------|--|-------|------------------|
| | very concerned | total | % very concerned |
| Ashfield | 15 | 19 | 79% |
| Dulwich Hill | 142 | 194 | 73% |
| Earlwood | 22 | 34 | 65% |
| Haberfield | 29 | 45 | 64% |
| Hurlstone Park | 27 | 35 | 77% |
| Leichhardt | 84 | 125 | 67% |
| Lewisham | 29 | 39 | 74% |
| Lilyfield | 10 | 18 | 56% |
| Marrickville | 38 | 45 | 84% |
| Petersham | 7 | 12 | 58% |
| Summer Hill | 58 | 78 | 74% |
| other | 46 | 72 | 64% |
| All respondents | 507 | 716 | 71% |
| standard deviation | | | 9% |



| Would you like information? | |
|-----------------------------|-----|
| yes | % |
| 18 | 95% |
| 154 | 79% |
| 21 | 62% |
| 27 | 60% |
| 29 | 83% |
| 81 | 65% |
| 26 | 67% |
| 14 | 78% |
| 37 | 82% |
| 10 | 83% |
| 61 | 78% |
| 33 | 46% |
| 511 | 71% |
| | 13% |

Affect of dwelling and residency

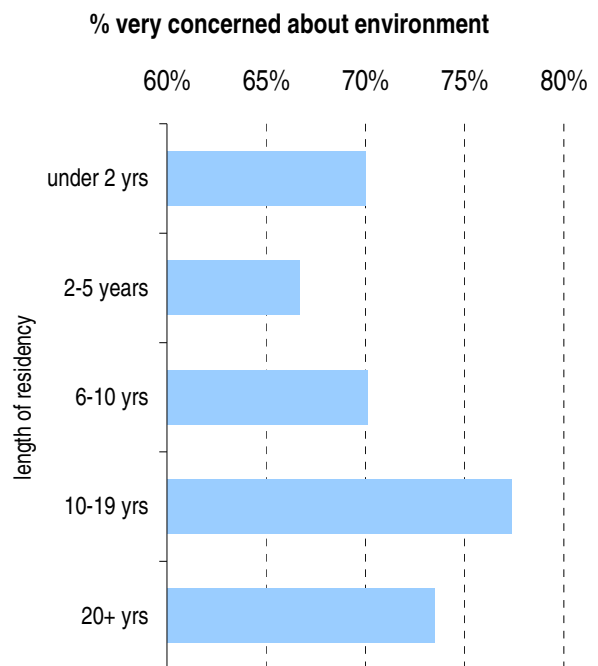
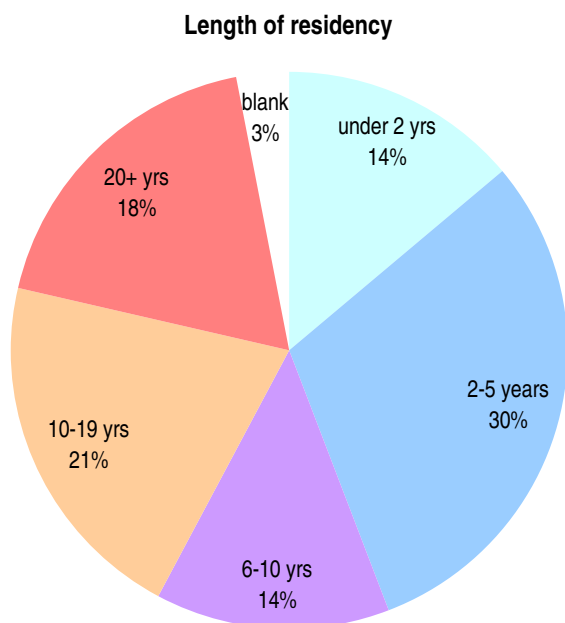
The respondents had lived in the area for about 10 years on average, with 44% under 5 years, 14% for 6 to 10 years, and 39% over 10 years.

Half the respondents (51%) lived in detached houses, with a quarter each in attached houses and flats / units. This mirrors the dwelling stock of the area.

Respondents who lived in detached houses had the longest average residency (13 years), with 80% having lived here for 20+ years. The average residency of respondents living in attached houses and flats / units was shorter (averaging 7-8 years). This reflects the fact that more detached houses are owner-occupied, while attached houses and flats have more renters and a more transient population on average.

The length of residency did not seem to affect concern about the environment, which varied only slightly from 67% to 77% with length of residency in the Greenway. Residency periods of respondents living in attached houses and flats / units were similar (averaging 7-8 years).

| How long have you lived in this dwelling? | responses | | What type of dwelling do you live in? | | | | How concerned about the environment | | |
|---|-----------|--------------|---------------------------------------|----------------|-------------|-------|-------------------------------------|--------------------|------------|
| | number | % of returns | separate house | attached house | flat / unit | other | very concerned | somewhat concerned | no opinion |
| under 2 yrs | 100 | 14% | 37% | 27% | 34% | 1% | 70% | 29% | 0% |
| 2-5 years | 216 | 30% | 38% | 29% | 31% | 1% | 67% | 32% | 1% |
| 6-10 yrs | 97 | 14% | 45% | 31% | 24% | 0% | 70% | 30% | 0% |
| 10-19 yrs | 150 | 21% | 61% | 22% | 17% | 1% | 77% | 21% | 1% |
| 20+ yrs | 132 | 18% | 80% | 11% | 8% | 0% | 73% | 24% | 1% |
| blank | 21 | 3% | 14% | 5% | 0% | 0% | 57% | 33% | 10% |
| Total | 716 | 100% | 51% | 24% | 22% | 1% | 71% | 28% | 1% |
| average | 10 yrs | 10 yrs | 13 yrs | 8 yrs | 7 yrs | 5 yrs | 11 yrs | 9 yrs | 13 yrs |



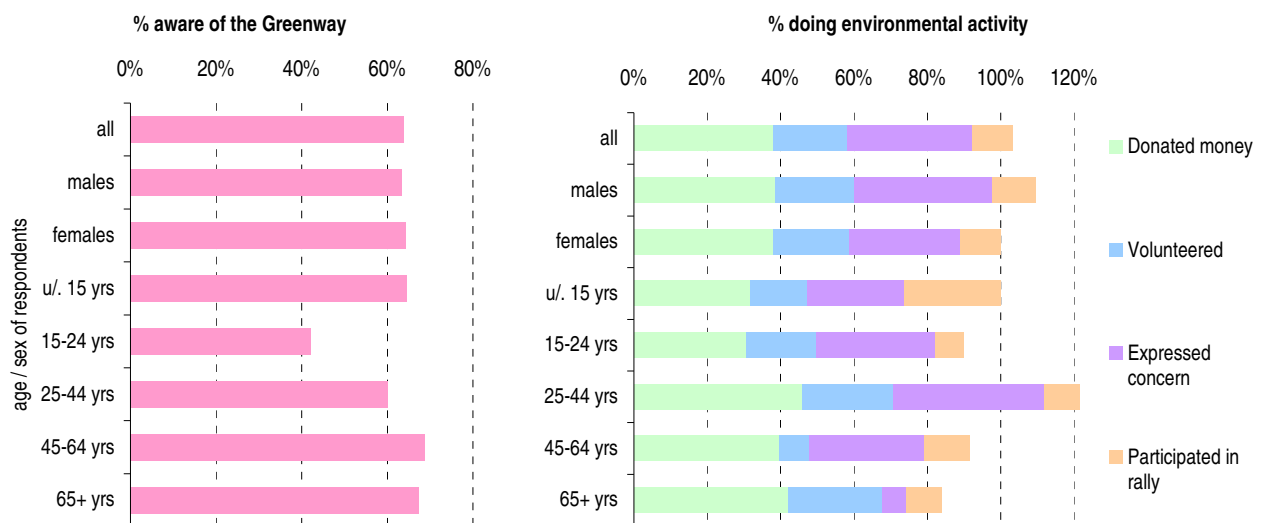
Awareness of the Greenway

Overall, two-thirds of respondents had heard of the Greenway concept, with similar rates for men and women, and slightly higher rates among those aged 45-64.

The interpretation of these results is difficult. The awareness rate seems high, given that the survey and accompanying brochure was the first specific leaflet about the Greenway in this community, and the logo was being used for the first time, so was unfamiliar. However, the community may have picked up the Greenway concept from limited publicity over a couple of years. It is also likely that those already aware of the Greenway might have responded more to the survey than those who were unaware.

Prior to receiving this survey and newsletter were you aware of the proposed GreenWay shared walking-cycle path that connects the Bay Run at Iron Cove to the Cooks River, Earlwood?

| | returns | all | males | females | u/. 15 yrs | 15-24 yrs | 25-44 yrs | 45-64 yrs | 65+ yrs |
|---------|---------|------|-------|---------|------------|-----------|-----------|-----------|---------|
| no | 256 | 36% | 36% | 36% | 35% | 58% | 40% | 30% | 33% |
| yes | 456 | 64% | 63% | 64% | 65% | 42% | 60% | 69% | 67% |
| (blank) | 4 | 1% | 1% | 0% | 0% | 0% | 0% | 1% | 0% |
| Total | 716 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |



Other environmental action

The most common forms of participation in environmental activities suggested in the survey was donating money, by 38% of respondents, and expressing concern to authorities, by 30%. A fifth had volunteered in an environmental program and one in nine had taken part in a demonstration or rally.

Participation by men and women through donating, volunteering and demonstrating was at similar levels, but men were more likely to have expressed concern to authorities.

Donating money peaked in middle age, 45 to 64, which is also the peak earning period for most people. However, the same age group were least likely to volunteer. Older people (65+) were less likely than others to express concern to authorities, but just as likely to take part in a rally (which the young respondents, aged 15-24, tend to avoid).

Respondents were more active environmentally than found in the national ABS survey previously cited. Some 38% of respondents had donated money (vs 14% nationally); 34% had expressed concern to authorities (vs 10%); 20% had volunteered (vs 9%); and 11% had rallied (vs 2%). The 2006 Census found that 15% of adults in the Greenway catchment had volunteered with organised groups.

| Type of activity | returns | all | males | females | u/. 15 yrs | 15-24 yrs | 25-44 yrs | 45-64 yrs | 65+ yrs |
|-----------------------|---------|-----|-------|---------|------------|-----------|-----------|-----------|---------|
| Donated money | 271 | 38% | 39% | 38% | 32% | 31% | 46% | 40% | 42% |
| Volunteered | 146 | 20% | 21% | 21% | 16% | 19% | 25% | 8% | 26% |
| Expressed concern | 242 | 34% | 38% | 30% | 26% | 33% | 41% | 31% | 6% |
| Participated in rally | 80 | 11% | 12% | 11% | 26% | 8% | 15% | 13% | 10% |
| Total | 716 | | | | | | | | |

Current transport usage

Respondents were asked which modes of transport were most frequently used in their household, for six modes, with responses possible for up to three members. This means each mode could be used up to three times by a household (few households were larger than this). In the table below, the number of users of each transport mode in each household is shown.

The most common transport mode was driving a car, shown in the left data column of the table below. Only 167 or 26% of the respondents' households had no regular car driver, while 299 had one car driver (46%), 166 had two (26%), and 12 had three drivers (2%). The average was 1.04 drivers per household.

The second most common mode of transport in the Greenway was walking, with an average of just under one walker per household (0.88). Notably, 46% or almost half of households had no frequent walker.

The two public transport options serving the Greenway were next most frequently used, with half the households (50%) using the train and 43% using the bus frequently. Average usage was 0.65 persons per household travelling by train, and 0.59 by bus.

One-third of households had a member who cycled frequently, usually just one, averaging 0.44 cyclists per household.

Surprisingly, perhaps, the least frequent mode of transport was as a passenger in a car. Only 31% of households had any frequent passengers, averaging 0.4 passengers per household.

| Number of users of transport modes in | number of households with each number of users, for each mode | | | | | |
|---------------------------------------|---|------|-------|------|---------|-----------|
| | car (driver) | walk | train | bus | bicycle | passenger |
| no users | 167 | 298 | 325 | 364 | 428 | 444 |
| one user | 299 | 165 | 229 | 194 | 159 | 147 |
| two users | 166 | 140 | 79 | 72 | 49 | 48 |
| three users | 12 | 41 | 11 | 14 | 8 | 5 |
| no users | 26% | 46% | 50% | 57% | 66% | 69% |
| one user | 46% | 26% | 36% | 30% | 25% | 23% |
| two users | 26% | 22% | 12% | 11% | 8% | 7% |
| three users | 2% | 6% | 2% | 2% | 1% | 1% |
| Responses | 644 | 644 | 644 | 644 | 644 | 644 |
| Total number of users | 667 | 568 | 420 | 380 | 281 | 258 |
| Av. users per h'hold | 1.04 | 0.88 | 0.65 | 0.59 | 0.44 | 0.40 |

Across the suburbs, usage patterns that were significantly different from average were:

- * car driving was high in Ashfield, Earlwood and Haberfield, and low in Marrickville;
- * walking was low in Ashfield and Earlwood;
- * train use was low in Haberfield, Leichhardt and Lilyfield;
- * bus use was high in Haberfield, Leichhardt and Lilyfield
- * cycling was high in Lilyfield and Marrickville and low in Earlwood;
- * passengers were more common in Hurlstone Park, Marrickville and Petersham, and low in Summer Hill.

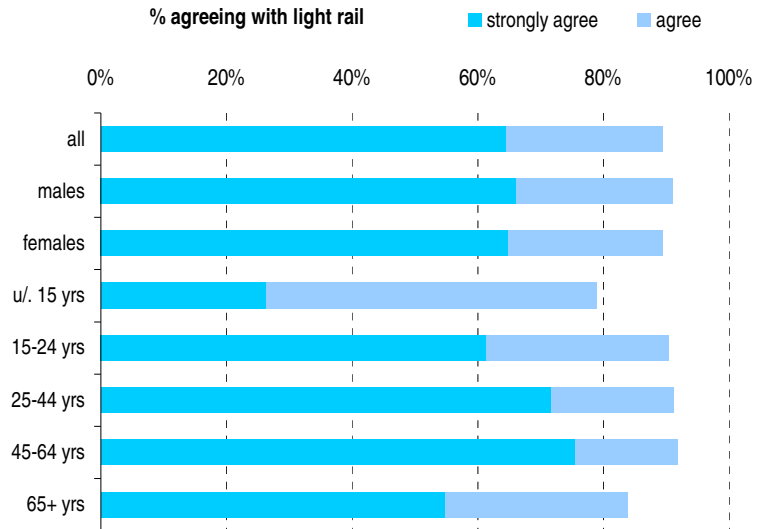
| users per household | average number of users per household, for each mode | | | | | |
|---------------------|--|------|-------|-----|---------|-----------|
| | car (driver) | walk | train | bus | bicycle | passenger |
| Ashfield | 1.5 | 0.5 | 1.0 | 0.8 | 0.5 | 0.4 |
| Dulwich Hill | 1.0 | 0.9 | 0.7 | 0.5 | 0.4 | 0.4 |
| Earlwood | 1.3 | 0.4 | 0.8 | 0.4 | 0.1 | 0.4 |
| Haberfield | 1.2 | 1.1 | 0.2 | 0.8 | 0.3 | 0.4 |
| Hurlstone Park | 1.1 | 0.8 | 0.9 | 0.5 | 0.3 | 0.7 |
| Leichhardt | 1.0 | 1.0 | 0.2 | 0.9 | 0.5 | 0.3 |
| Lewisham | 1.0 | 0.9 | 1.0 | 0.4 | 0.4 | 0.4 |
| Lilyfield | 1.2 | 0.7 | 0.1 | 0.9 | 0.6 | 0.4 |
| Marrickville | 0.8 | 0.7 | 0.8 | 0.5 | 0.7 | 0.5 |
| Petersham | 0.9 | 0.8 | 0.9 | 0.4 | 0.6 | 0.5 |
| Summer Hill | 1.0 | 1.1 | 1.1 | 0.4 | 0.4 | 0.3 |
| average | 1.0 | 0.9 | 0.7 | 0.6 | 0.4 | 0.4 |
| standard deviation | 0.2 | 0.2 | 0.4 | 0.2 | 0.2 | 0.1 |



Attitudes to the Light Rail

The proposal to extend the light rail was overwhelmingly endorsed, by 91% of respondents), with two-thirds strongly supporting the extension and another quarter supporting it. Only 21 respondents (3%) disagreed.

Support was similarly strong from both males and females and across all age groups (though more of the old and young had no opinion, possibly because of smaller numbers, or because they do not see any impact on their lives).



Do you agree with the plan to extend the light rail passenger service from Lilyfield along the GreenWay corridor to Dulwich Hill?

| | returns | all | males | females | u/. 15 yrs | 15-24 yrs | 25-44 yrs | 45-64 yrs | 65+ yrs |
|-------------------|---------|------|-------|---------|------------|-----------|-----------|-----------|---------|
| strongly agree | 462 | 65% | 66% | 65% | 26% | 61% | 72% | 76% | 55% |
| agree | 178 | 25% | 25% | 25% | 53% | 29% | 20% | 16% | 29% |
| no opinion | 44 | 6% | 5% | 7% | 16% | 7% | 3% | 2% | 16% |
| disagree | 15 | 2% | 1% | 2% | 5% | 1% | 3% | 4% | 0% |
| strongly disagree | 7 | 1% | 1% | 0% | 0% | 1% | 1% | 0% | 0% |
| (blank) | 10 | 1% | 1% | 1% | 0% | 1% | 1% | 2% | 0% |
| Total | 716 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

As might be expected, strong support for the light rail extension declined with walking distance from the light rail line, from three-quarters of those living within 10 minutes walk to half of those living further away.

How long ... to walk ... to the closest point of the ... freight rail corridor?

| | returns | % total | under 5 min | 5-10 min | 10-15 min | over 15 min |
|-------------------|---------|---------|-------------|----------|-----------|-------------|
| strongly agree | 462 | 65% | 73% | 74% | 49% | 43% |
| agree | 178 | 25% | 18% | 20% | 33% | 40% |
| no opinion | 44 | 6% | 4% | 4% | 11% | 11% |
| disagree | 15 | 2% | 2% | 1% | 3% | 3% |
| strongly disagree | 7 | 1% | 2% | 0% | 2% | 0% |
| (blank) | 10 | 1% | 1% | 1% | 2% | 3% |
| Total | 716 | 100% | 100% | 100% | 100% | 100% |

Do you think people in your household will use the light rail passenger service when delivered by the State Government?

Almost two-thirds of respondents (62%) said they would use the proposed light rail service regularly, and a further third said occasionally, with only 4% saying it was unlikely they would use it.

Attitudes to and likely use of the light rail were strongly correlated: 82% of those strongly agreeing with the extension said they would be regular users; 63% of those who just agreed would be sometime users; and 53% of those who disagreed were unlikely to use the service.

| Proposed use of light rail | returns | % total | strongly agree | agree | no opinion | disagree | strongly disagree |
|----------------------------|---------|---------|----------------|-------|------------|----------|-------------------|
| regularly | 444 | 62% | 82% | 31% | 16% | 0% | 14% |
| sometimes | 227 | 32% | 16% | 63% | 61% | 47% | 29% |
| unlikely | 32 | 4% | 1% | 5% | 18% | 53% | 57% |
| (blank) | 13 | 2% | 1% | 1% | 5% | 0% | 0% |
| Total | 716 | 100% | 100% | 100% | 100% | 100% | 100% |

The cycle-walking path

Most of the respondents were infrequent users of the current cycle-walking path that extends from Iron Cove to Summer Hill, about half the length of the Greenway. Only a third walked along it at least weekly (11% daily; 20% weekly), while 41% had never walked it. A further quarter of respondents (26%) had walked it only once.

Women were slightly greater users of the current pathway for walking than men, and adults aged 25-64 walked slightly more often than older or younger people.

In the last four weeks, have you or people in your household walked along any section of the GreenWay corridor from the Bay Run at Iron Cove to the Cooks River, Earlwood?

| | returns | all | males | females | u/. 15 yrs | 15-24 yrs | 25-44 yrs | 45-64 yrs | 65+ yrs |
|---------------|---------|------|-------|---------|------------|-----------|-----------|-----------|---------|
| most days | 76 | 11% | 10% | 12% | 0% | 8% | 13% | 16% | 13% |
| weekly | 144 | 20% | 19% | 22% | 5% | 20% | 23% | 12% | 19% |
| at least once | 189 | 26% | 31% | 22% | 21% | 32% | 24% | 24% | 13% |
| no | 293 | 41% | 40% | 43% | 74% | 40% | 38% | 47% | 55% |
| (blank) | 14 | 2% | 1% | 1% | 0% | 1% | 1% | 0% | 0% |
| Total | 716 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

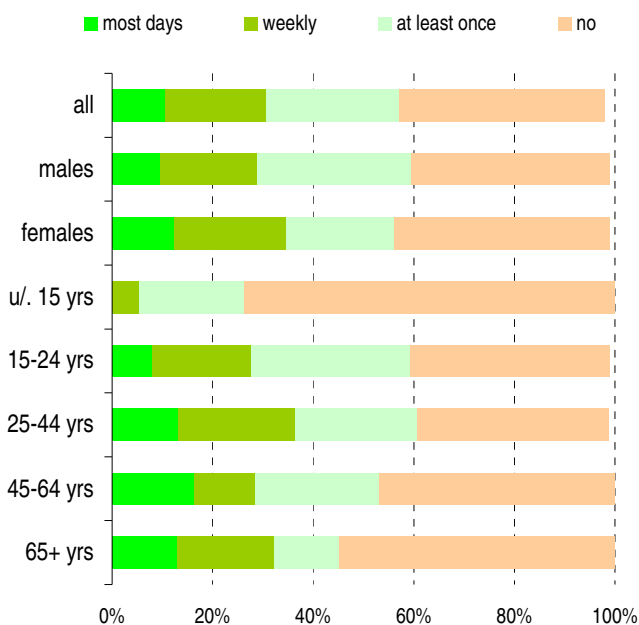
Few of the respondents cycled regularly along the current cycle-walking path. Only 17% cycled along it at least weekly (4% daily), while 60% had never cycled it. A further fifth of respondents (26%) had cycled it only once.

Women were slightly greater users of the current pathway for cycling than men. Residents aged 15-44 were the most frequent cyclists. Cycling was noticeably low among adults 45-64 years old.

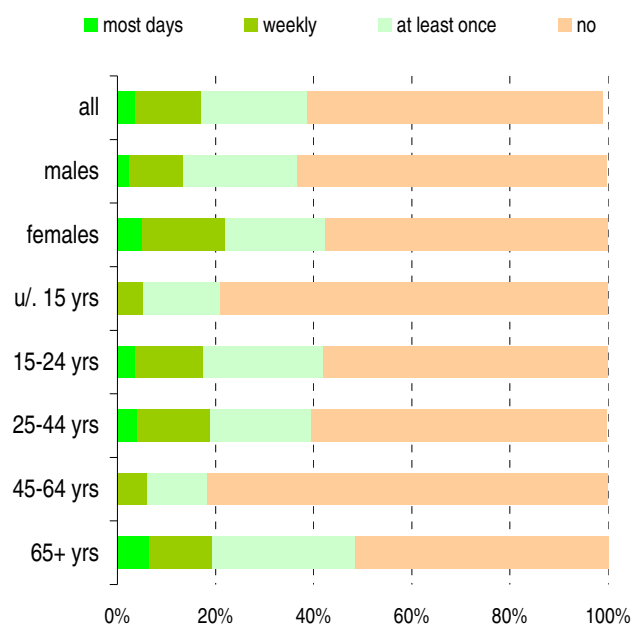
In the last four weeks, have you or people in your household cycled along any section of the GreenWay corridor ...?

| | returns | all | males | females | u/. 15 yrs | 15-24 yrs | 25-44 yrs | 45-64 yrs | 65+ yrs |
|---------------|---------|------|-------|---------|------------|-----------|-----------|-----------|---------|
| most days | 26 | 4% | 2% | 5% | 0% | 4% | 4% | 0% | 6% |
| weekly | 96 | 13% | 11% | 17% | 5% | 14% | 15% | 6% | 13% |
| at least once | 155 | 22% | 23% | 21% | 16% | 24% | 21% | 12% | 29% |
| no | 431 | 60% | 63% | 58% | 79% | 58% | 60% | 82% | 52% |
| (blank) | 8 | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Total | 716 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

% walking the current Greenway path



% cycling the current Greenway path



Intended use of the walkway

When asked if they would use the Greenway path if it connected the Bay Run to the Cooks River, 80% of respondents said yes and 16% said maybe; only 3% said no (a level consistent with the level of mobility impairment in the community). This suggest most residents will use the extended path.

Definite users were more common among males (83% vs. 47% of females) and people aged 15-44 (around 85%). Those not intending use were mainly aged 45-64.

Would you use a shared walking-cycle path that connected the Bay Run at Iron Cove with the Cooks River ...?

| | returns | % total | % males | % females | u/ 15 yrs | 15-24 yrs | 25-44 yrs | 45-64 yrs | 65+ yrs |
|---------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|---------|
| yes | 571 | 80% | 83% | 47% | 47% | 85% | 84% | 67% | 58% |
| maybe | 113 | 16% | 13% | 53% | 53% | 13% | 13% | 22% | 39% |
| no | 19 | 3% | 3% | 0% | 0% | 2% | 2% | 8% | 3% |
| (blank) | 13 | 2% | 1% | 0% | 0% | 0% | 1% | 2% | 0% |
| total | 716 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

Variations across suburbs

The table below compares usage rates across the suburbs, looking at the proportions who walked or cycled at least weekly.

Highest regular usage by walking (weekly or more) was from Haberfield (56% of respondents) and Leichhardt (46%); highest regular cycling was by respondents from Lilyfield (28%), Leichhardt and Haberfield (both 22%).

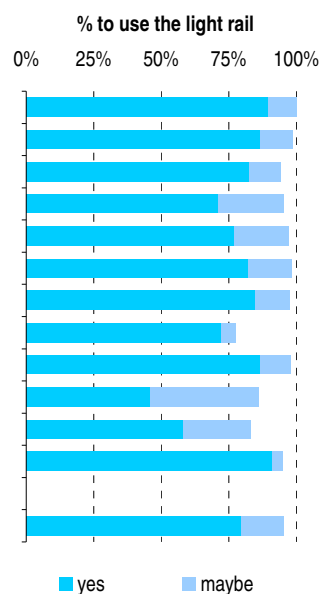
Highest usage, by numbers, was by walkers from Leichhardt (57), Dulwich Hill (47), Haberfield (25), and Summer Hill (21), and by cyclists from the same suburbs.

Conversely, lowest regular walking on the path, proportionally, was by respondents from Lilyfield (albeit with small numbers), Ashfield, Petersham and Dulwich Hill, and by cyclists from Hurlstone Park and Dulwich Hill.

The proportion who intended to use the extended path regularly was over 80% in Leichhardt, Dulwich Hill, Hurlstone Park, Lilyfield, Haberfield, and Earlwood (despite being on the other side of Cooks River). Lower regular use was anticipated from Petersham, Ashfield, Lewisham and Summer Hill.

In the last four weeks, have you or people in your household walked / cycled along any section of the GreenWay corridor from the Bay Run at Iron Cove to the Cooks River, Earlwood?

| Suburb | regular users | | Users as % respondents | | Will use, % respondents | |
|--------------------|---------------|-----------|------------------------|------------|-------------------------|------------|
| | walked | cycled | walked | cycled | yes | maybe |
| Leichhardt | 57 | 28 | 46% | 22% | 89% | 11% |
| Dulwich Hill | 47 | 25 | 24% | 13% | 87% | 12% |
| Haberfield | 25 | 10 | 56% | 22% | 82% | 12% |
| Summer Hill | 21 | 15 | 27% | 19% | 71% | 24% |
| Marrickville | 15 | 8 | 33% | 18% | 77% | 20% |
| Earlwood | 13 | 5 | 38% | 15% | 82% | 16% |
| Hurlstone Park | 12 | 6 | 34% | 17% | 85% | 13% |
| Lewisham | 11 | 7 | 28% | 18% | 72% | 6% |
| Lilyfield | 5 | 5 | 28% | 28% | 87% | 11% |
| Petersham | 3 | 2 | 25% | 17% | 46% | 40% |
| Ashfield | 2 | 1 | 11% | 5% | 58% | 25% |
| other | 9 | 10 | 13% | 14% | 91% | 4% |
| total | 220 | 122 | | | | |
| average | 18 | 10 | 31% | 17% | 80% | 16% |
| standard deviation | 17 | 9 | 13% | 6% | 14% | 10% |



State of the Environment

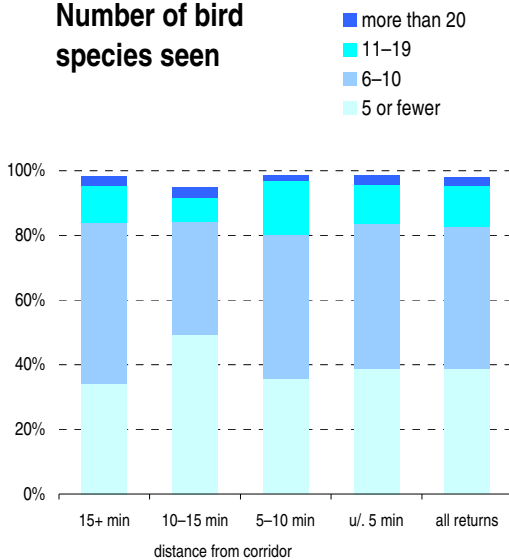
Bird life

Usually, respondents reported having seen 1–5 or 6–10 birds near their home over the past year, with an approximate average of 7 birds.

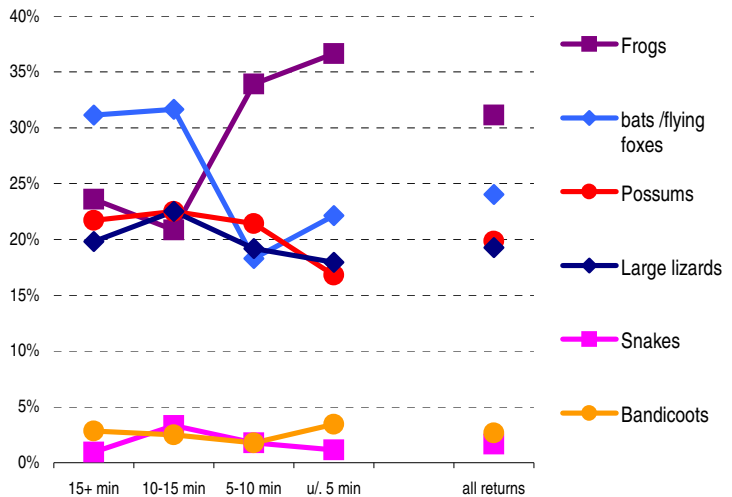
The number of bird species sighted did not seem related to the respondent's walking distance from the Greenway.

| How many different species of birds have you noticed near your home over the last year? | | | How long ... to walk from your home to ... the freight rail corridor? | | | |
|---|------------|-------------|---|-------------|-------------|-------------|
| Bird species sighted | times seen | all returns | u/. 5 min | 5–10 min | 10–15 min | 15+ min |
| 5 or fewer | 278 | 39% | 39% | 36% | 49% | 34% |
| 6–10 | 315 | 44% | 45% | 45% | 35% | 50% |
| 11–19 | 89 | 12% | 12% | 17% | 8% | 11% |
| more than 20 | 19 | 3% | 3% | 2% | 3% | 3% |
| (blank) | 15 | 2% | 2% | 1% | 5% | 2% |
| Total | 716 | 100% | 100% | 100% | 100% | 100% |
| average | 7 | 7 | 7 | 8 | 6 | 7 |

Number of bird species seen



Proportion seeing wildlife



Other wildlife

Asked whether they had seen other wildlife, respondents most commonly ticked frogs (31%), then bats or flying foxes (24% for either), then possums (20%) and large lizards (19%). Snakes and bandicoots were rarely sighted.

Increasing distance from the Greenway (half of which follows Hawthorne Canal) did not seem to affect the rate of sightings of most species. However, frog sightings fell with distance, suggesting the canal may be a focus. Bats and flying foxes were more commonly seen further from the Greenway, possibly because these places tend to be higher up the catchment.

| Sightings of wildlife | times seen | all returns |
|-----------------------|------------|-------------|
| Large lizards | 138 | 19% |
| Snakes | 12 | 2% |
| Bandicoots | 19 | 3% |
| bats /flying foxes | 172 | 24% |
| Frogs | 223 | 31% |
| Possums | 142 | 20% |
| Total | 716 | 100% |

| How long ... to walk to the rail corridor? | | | |
|--|-------------|-------------|-------------|
| u/. 5 min | 5-10 min | 10-15 min | 15+ min |
| 18% | 19% | 23% | 20% |
| 1% | 2% | 3% | 1% |
| 3% | 2% | 3% | 3% |
| 22% | 18% | 32% | 31% |
| 37% | 34% | 21% | 24% |
| 17% | 21% | 23% | 22% |
| 100% | 100% | 100% | 100% |

Rainwater run-off

Respondents were asked where the rain from their roof flowed to, mainly to test awareness of the catchment. They could tick any of the boxes for tank, gutter, Cooks River, Sydney Harbour, or Hawthorne Canal.

It is illegal for roof water to flow into the sewer as this can cause sewerage overflows, so to some extent these responses (by 21%) could indicate incorrect plumbing. Highest connections of rain water to the sewer were reported in Summer Hill, Petersham and Earlwood.

There was a high level of use of water tanks attached to the roof, reported by 21% of respondents. This was lowest in Summer Hill, and lower in Leichhardt and Marrickville.

Of the other options, 19% reported their rain water went to the Cooks River, 17% to Hawthorne Canal, and 11% to Sydney Harbour. Respondents from Haberfield named Hawthorne Canal most; those from Marrickville and Hurlstone Park nominated Cooks River most; while Sydney Harbour was favoured by respondents from Lilyfield and Petersham.

This information may be relevant in designing educational campaigns, for residents in the north and south ends of the catchment see the rain water destination in different terms.

| Where does the rainwater flow? | A tank | The gutter | The sewer | Hawthorne Canal | Cooks River | Sydney Harbour | compost often | compost rarely |
|--------------------------------|------------|------------|------------|-----------------|-------------|----------------|---------------|----------------|
| Ashfield | 16% | 63% | 21% | 16% | 16% | 11% | 47% | 32% |
| Dulwich Hill | 15% | 53% | 21% | 14% | 27% | 9% | 43% | 38% |
| Earlwood | 15% | 44% | 24% | 0% | 41% | 0% | 26% | 47% |
| Haberfield | 22% | 40% | 13% | 58% | 0% | 11% | 49% | 27% |
| Hurlstone Park | 26% | 57% | 26% | 0% | 51% | 6% | 69% | 17% |
| Leichhardt | 18% | 58% | 21% | 27% | 0% | 17% | 48% | 36% |
| Lewisham | 28% | 44% | 26% | 23% | 5% | 8% | 49% | 36% |
| Lilyfield | 33% | 50% | 11% | 11% | 6% | 39% | 44% | 44% |
| Marrickville | 9% | 47% | 20% | 0% | 69% | 7% | 58% | 24% |
| other | 17% | 54% | 15% | 2% | 17% | 10% | 31% | 42% |
| Petersham | 25% | 50% | 25% | 0% | 8% | 25% | 42% | 33% |
| Summer Hill | 6% | 54% | 27% | 28% | 9% | 10% | 38% | 49% |
| (blank) | 5% | 30% | 25% | 0% | 5% | 0% | 5% | 40% |
| Total | 17% | 51% | 21% | 17% | 19% | 11% | 44% | 37% |
| standard deviation | 8% | 7% | 5% | 17% | 22% | 10% | 11% | 10% |

Gardens and native plants

Nearly all respondents had a garden of some type, with a third reporting average-size gardens, a third small gardens, a quarter courtyard / balcony gardens, and the last ninth having large gardens.

The size of gardens did not vary appreciably with distance from the rail corridor.

On average, 38% of gardens had most or many natives; another 44% had some; and only 14% (1 in 7) had no natives. The larger the size of garden, the greater the proportion of native plants. Some 62% of large gardens had most or many natives, compared with 37-44% of average - small gardens and just 10% of courtyard / balcony gardens.

| Does your property have a garden? | responses | | How long to walk to the rail corridor? | | | | Proportion of native plants | | |
|-----------------------------------|-----------|--------------|--|----------|-------------|-----------|-----------------------------|------|------|
| | number | % of returns | under 5 min | 5-10 min | over 15 min | 10-15 min | most / many | some | none |
| a large one | 87 | 12% | 11% | 13% | 11% | 13% | 62% | 32% | 6% |
| average size | 227 | 32% | 34% | 31% | 29% | 29% | 44% | 48% | 8% |
| a small one | 228 | 32% | 35% | 29% | 31% | 31% | 37% | 47% | 14% |
| courtyard / balcony | 124 | 17% | 14% | 19% | 23% | 17% | 10% | 40% | 28% |
| no | 41 | 6% | 4% | 8% | 3% | 7% | | | |
| (blank) | 9 | 1% | 0% | 0% | 3% | 4% | | | |
| Total | 716 | 100% | 100% | 100% | 100% | 100% | 38% | 44% | 14% |

Composting, mulching and wormfarms

Respondents were asked whether people in the household composted, mulched or used a worm farm. Almost two-thirds of respondents used one of these methods for organic waste regularly or sometimes; 37% never did.

Not surprisingly, use of these organic waste methods was most common among those most concerned about the environment in Australia. 50% of those very concerned about the environment reused organic waste most or all of the time, while 28% of the concerned did. The numbers who were not concerned or had no opinion about the environment are too small for accurate cross-tabulations.

Conversely, 49% of those somewhat concerned about the environment did not mulch, compost or worm farm; neither did a third of those who were very concerned.

The right-hand columns of the table below show the proportions who compost/mulch according to the size of their garden. The similar results for those with average/large and small gardens, compared with lower use by those with courtyard/balcony gardens, suggests that not having a garden deters recycling organic waste. Possibly promotion of worm farms can address this.

The data in the previous table shows the proportions who compost/mulch often and rarely, by suburb. The best performance was by respondents from Hurlstone Park and Marrickville; the lowest rate was in Earlwood and Summer Hill.

| Do people in your home compost, mulch or use a worm farm? | responses | | How concerned about the environment? | | | | Does your property have a garden? | | |
|---|-----------|--------------|--------------------------------------|--------------------|------------|---------------|-----------------------------------|-------------|---------------------|
| | number | % of returns | very concerned | somewhat concerned | no opinion | not concerned | large / average | a small one | courtyard / balcony |
| all or most of the time | 312 | 44% | 50% | 28% | 17% | 40% | 51% | 51% | 22% |
| some of the time | 127 | 18% | 17% | 22% | 0% | 0% | 20% | 18% | 14% |
| rarely or never | 264 | 37% | 32% | 49% | 67% | 60% | 28% | 31% | 64% |
| (blank) | 13 | 2% | 2% | 2% | 17% | 0% | 1% | 0% | 1% |
| Total | 716 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

Further interest

When asked 'Would you like the Greenway Project Team to send you information?', a very high 71% of respondents said yes, and gave contact details (these were not processed or recorded with their survey responses). The proportion wanting further information ranged from 60% to 95% across the suburbs.

When asked which activities they were most interested in,

- 43% of respondents wanting further contact ticked 'Attracting more biodiversity to your backyard',
- 22% ticked 'Bicycle training',
- 20% ticked 'Participating in a volunteer group',
- 13% ticked 'Volunteering at the GreenWay Festival',
- 24% ticked 'Joining a bushcare group', and
- 22% ticked 'Joining a social cycling group'.

| Would you like ... information? | total % responses | | Which of these activities are you most interested in? | | | | | |
|---------------------------------|-------------------|-----|---|------------------|----------------------------------|--------------------------------|--------------------------|----------------------|
| | | | Attracting more biodiversity | Bicycle training | Participating in volunteer group | Volunteering GreenWay Festival | Joining a bushcare group | Social cycling group |
| Ashfield | 18 | 95% | 11 | 6 | 5 | 3 | 4 | 4 |
| Dulwich Hill | 154 | 79% | 85 | 43 | 43 | 24 | 51 | 44 |
| Earlwood | 21 | 62% | 13 | 7 | 6 | 4 | 8 | 5 |
| Haberfield | 27 | 60% | 18 | 3 | 8 | 5 | 9 | 3 |
| Hurlstone Park | 29 | 83% | 18 | 8 | 9 | 4 | 10 | 3 |
| Leichhardt | 81 | 65% | 54 | 33 | 19 | 11 | 26 | 29 |
| Lewisham | 26 | 67% | 18 | 7 | 9 | 4 | 9 | 9 |
| Lilyfield | 14 | 78% | 6 | 3 | | | 3 | 4 |
| Marrickville | 37 | 82% | 24 | 13 | 8 | 6 | 12 | 12 |
| other | 28 | 54% | 20 | 12 | 13 | 11 | 8 | 15 |
| Petersham | 10 | 83% | 5 | 6 | 2 | 4 | 4 | 6 |
| Summer Hill | 61 | 78% | 37 | 17 | 16 | 12 | 20 | 21 |
| (blank) | 5 | 25% | 2 | 2 | 2 | 2 | 1 | 2 |
| Total | 511 | 71% | 311 | 160 | 140 | 90 | 165 | 157 |
| % interested in activities | | | 43% | 22% | 20% | 13% | 23% | 22% |