



## **GoWell Survey: Analysis of indicators over time Carntyne study area**

Johanna Jokio and Ade Kearns

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## Introduction

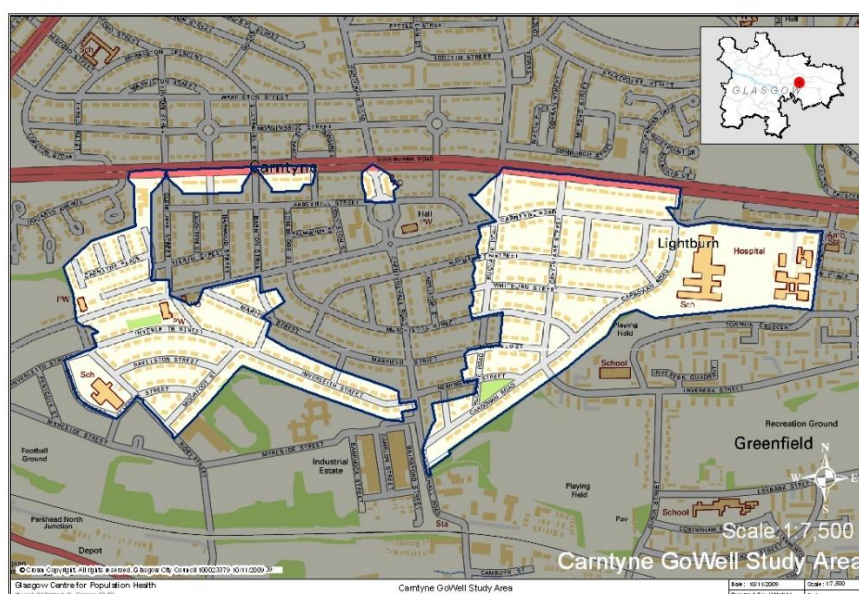
This report presents a summary of changes over time in a selection of indicators for one of the study areas included in the GoWell research and learning programme ([www.gowellonline.com](http://www.gowellonline.com)). GoWell has been studying the health and wellbeing impacts of housing-led regeneration in Glasgow since 2005, with household surveys carried out on four occasions across 15 study areas. This report examines changes recorded in the surveys for indicators in five domains: housing; neighbourhood; community; household finances; and health and wellbeing. It is intended that the results – indicating areas of progress, stability and, in some cases, deterioration – may be of use to the community and organisations working in the study area.

## Surveys and samples

The GoWell household survey was conducted in 2006, 2008, 2011 and 2015, referred to here as waves 1 to 4. In this report, we compare values and changes on selected indicators for the Carntyne area with the comparable values and changes recorded for the entire GoWell sample. The survey responses were weighted by age, gender, tenure, and study area using population estimates in order for the sample in each study area to represent the local population on key characteristics at each wave, and for each study area to make up an appropriate share of the total GoWell sample.

The study area Carntyne had between 213 and 336 respondents per wave, totalling 1,063 across the waves (see Table 1). The gender distribution was 53% female and 46% male. The Carntyne sample had an older age profile compared with the GoWell sample average, with 28% of over 65-year-olds. Nearly all respondents were British citizens (98%). The two most common tenure types are owner-occupation (48%) and social rent (46%). A third of households are multiple adult households (30%), 28% older person households, and 29% families with dependent children.

**Figure 1. Carntyne study area.**



**Table 1. Numbers of survey participants from wave 1 to wave 4.**

Wave	Number
1	336
2	267
3	247
4	213
Total	1,063

### Analysis and presentation of results

For each indicator we examine changes across the three survey intervals and test each of these wave-to-wave changes for statistical significance using Chi-square tests; a p-value of <0.05 is taken as indicating significant difference in the indicator values (i.e. the difference is likely to have been a random result less than 5 percent of the time). This is done separately for both the Carntyne sample and for the whole GoWell sample. A line graph is presented for each indicator showing the changes over time for each – blue for the study area and orange for the entire sample. Where the wave-to-wave change is statistically significant the line is solid, otherwise the line is dashed.

Further, the study area results are compared with the total GoWell sample. The differences between the two samples at wave 1 and at wave 4 are tested for significance using the Chi-square statistic. A table is presented for each variable, giving the indicator values for both samples at each wave, and the p-value for the start-to-finish statistical test; again, a p-value of <0.05 is used to indicate a statistically significant difference between the two.

### Box 1. Statistical terms used in the presentation of results.

Term	Meaning
Chi-square test	Used to test for a significant difference between two distributions. For example, 20% of people in the sample might have responded 'yes' to a question in wave 1 whereas in wave 4 the percentage was 80%. We want to test whether the difference between these percentages is due to chance or whether there was an actual change between the waves. Similarly, we test for a difference between the total GoWell sample and the study area.
p-value	The p-value provided here by the Chi-square test indicates the probability of the difference between two distributions being due to chance. For example, a p-value of <0.05 means that the probability of the difference being a random result is less than 5%.
Statistical significance	We can say that a result is statistically significant when the probability of it being due to chance is small. A commonly used threshold for significance is a p-value of <0.05, meaning the result was likely not due to chance 95% of the time.

## Housing

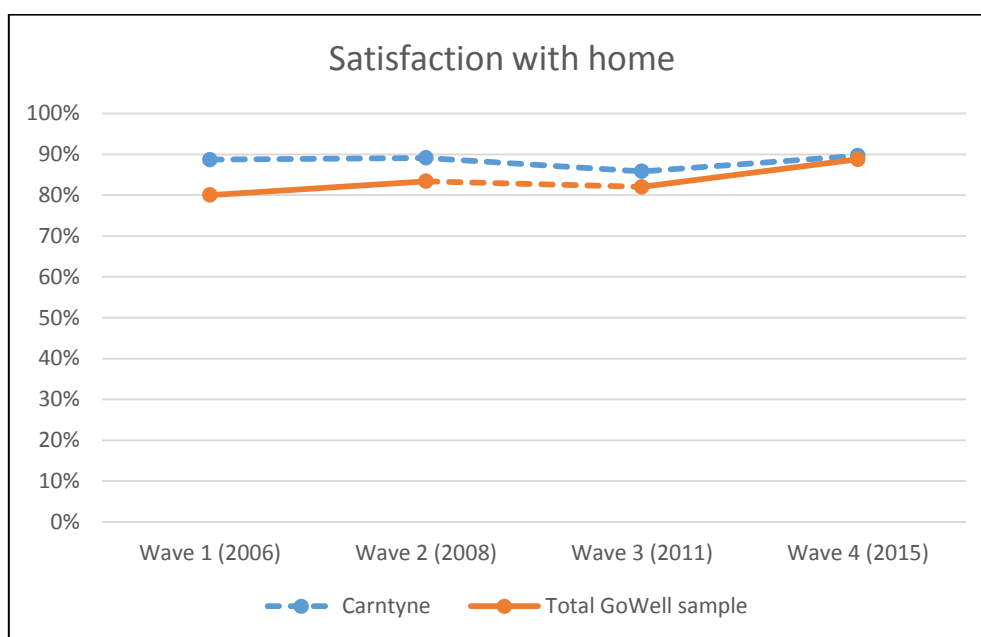
The first group of five indicators we examined concerned housing and housing services.

### Satisfaction with home

Respondents were asked: “Overall, how satisfied or dissatisfied are you with your current home?” The response categories were: ‘very satisfied’; ‘fairly satisfied’; ‘neither’; ‘fairly dissatisfied’; and ‘very dissatisfied’. The graph shows the percentages of those who said they were very or fairly satisfied.

- The percentage that were satisfied with their home did not change very much in Carntyne, and ended up at 90%. The difference to wave 1 was therefore not statistically significant.
- This percentage started lower in the total GoWell sample and increased to 89%. This was a statistically significant increase.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 2: Resident satisfaction with the home.**



**Table 2. Resident satisfaction with the home, by wave.**

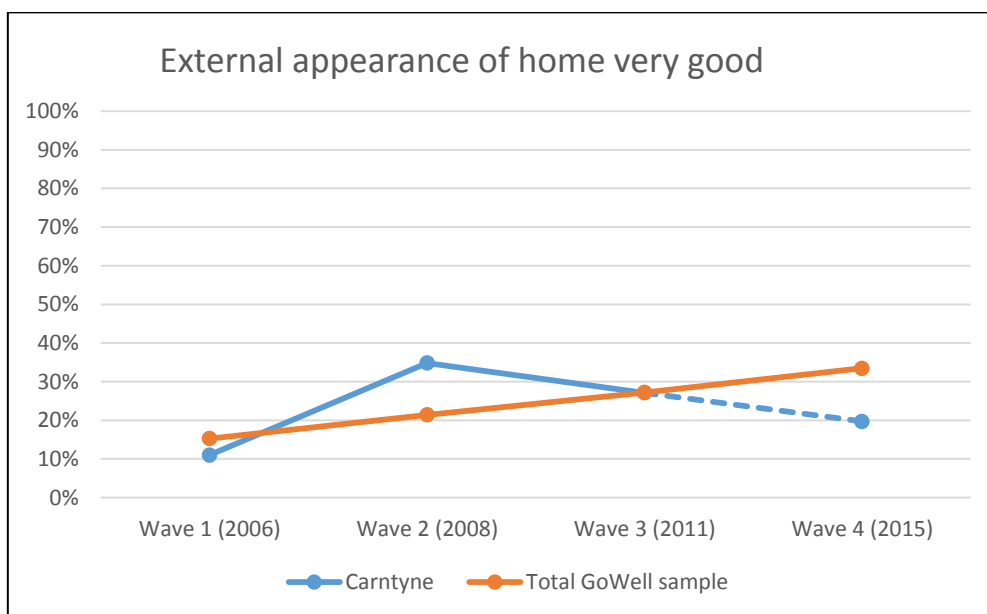
	Carntyne	Total sample
Wave 1	88.7%	80.1%
Wave 2	89.1%	83.4%
Wave 3	85.8%	82.0%
Wave 4	89.7%	88.8%
<i>p-value (wave 1 - wave 4)</i>	<i>0.984</i>	<i>0.000</i>

## External appearance of home

Respondents were asked: “How would you rate your current home in terms of the following... external appearance?” The response categories were: ‘very poor’; ‘fairly poor’; ‘neutral’; ‘fairly good’; and ‘very good’. The graph shows the percentages of those who rated their home as ‘very good’ on this item.

- The percentage rating the appearance of their home very good increased to 35% in wave 2 in Carntyne. After this, it lowered to 20% by wave 4.
- The overall change in Carntyne was not statistically significant.
- However, in the total GoWell sample, the percentage continued to increase to 34% in wave 4. The increase was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 3: Residents rating the external appearance of the home as ‘very good’.**



**Table 3. Residents rating the external appearance of the home as ‘very good’, by wave.**

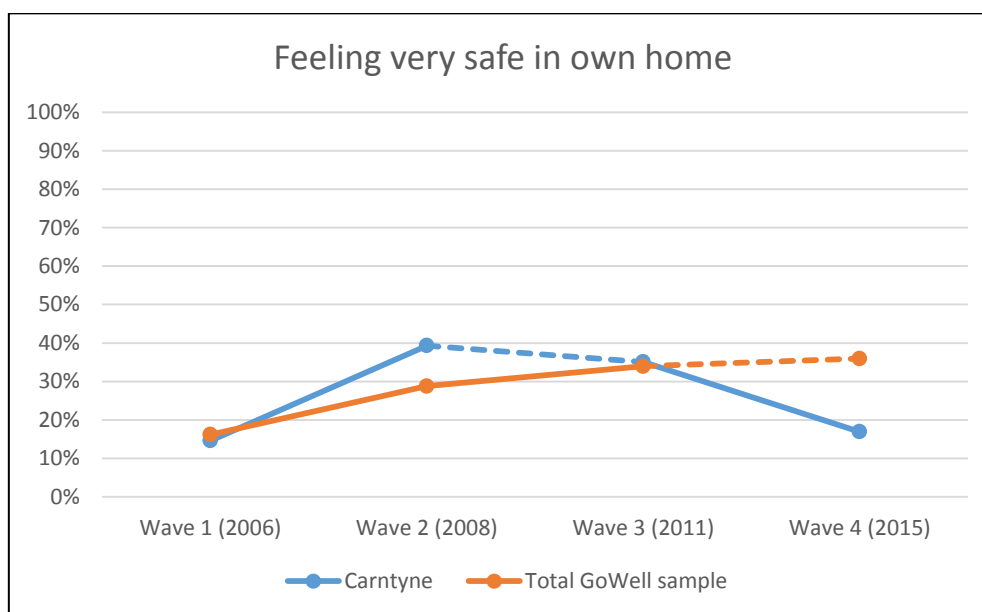
	Carntyne	Total sample
Wave 1	11.0%	15.3%
Wave 2	34.8%	21.4%
Wave 3	27.1%	27.2%
Wave 4	19.7%	33.5%
<i>p-value (wave 1 - wave 4)</i>	<i>0.060</i>	<i>0.000</i>

## Feeling safe in own home

Respondents were asked: “How much do you agree or disagree with the following statement... I feel safe in my home?” The responses were: ‘strongly disagree’; ‘disagree’; ‘neutral/don’t know’; ‘agree’; and ‘strongly agree’. The graph shows the percentages of those who ‘strongly agreed’ that they felt safe in their homes, i.e. those feeling ‘very safe’.

- Feelings of safety in the home had higher percentages in waves 2 and 3 in Carntyne, decreasing to nearly their initial level with 17% in wave 4.
- The overall change in Carntyne was however not statistically significant.
- The percentage in the total GoWell sample finished higher than Carntyne, at 36%. The overall increase was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 4: Residents strongly agreeing that they feel very safe in the home.**



**Table 4. Residents strongly agreeing that they feel very safe in the home, by wave.**

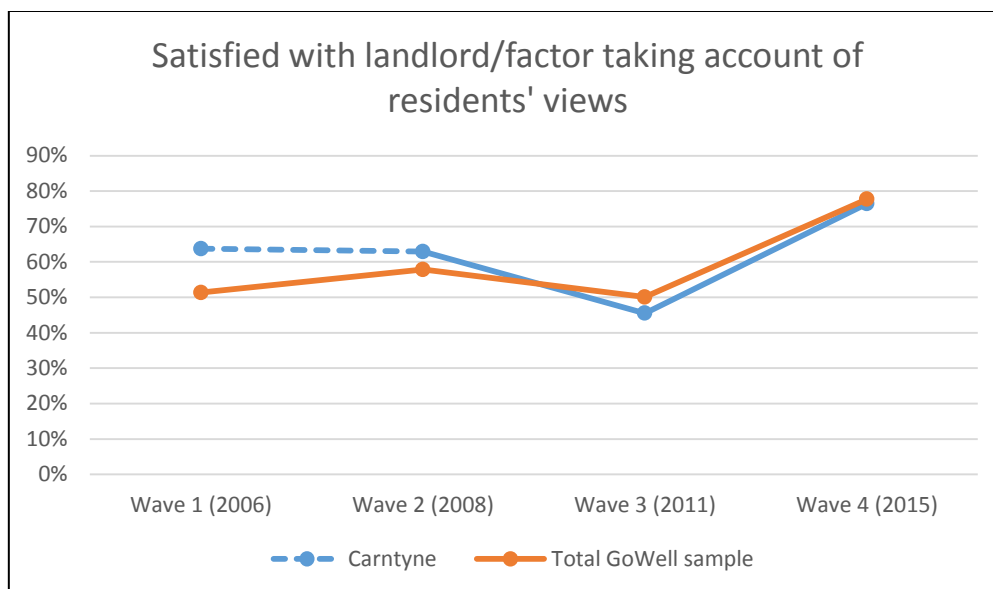
	Carntyne	Total sample
Wave 1	14.6%	16.2%
Wave 2	39.3%	28.8%
Wave 3	35.1%	33.9%
Wave 4	16.9%	35.9%
<i>p-value (wave 1 - wave 4)</i>	<i>0.913</i>	<i>0.000</i>

## Satisfaction with landlord/factor taking account of residents' views

Respondents were asked: “How satisfied or dissatisfied are you with each of the following with regards to your landlord or factor... Their willingness to take account of residents’ views when making decisions?” The response categories were: ‘very unsatisfied’; ‘fairly satisfied’; ‘neutral’; ‘fairly satisfied’; and ‘very satisfied’. The graph shows the percentage of those who were ‘fairly’ or ‘very satisfied’ on this issue.

- The percentage satisfied with the landlord/factor taking account of residents’ views decreased in wave 3 in Carntyne, to rise to over 70% in wave 4. The overall change was however not statistically significant.
- The trend was similar in the total GoWell sample, which ended up at 78%. The change was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 5: Resident satisfaction with landlords/factors taking account of their views.**



**Table 5. Resident satisfaction with landlords/factors taking account of their views, by wave.**

	Carntyne	Total sample
Wave 1	63.7%	51.3%
Wave 2	62.9%	57.9%
Wave 3	45.5%	50.1%
Wave 4	76.4%	77.7%
<i>p-value (wave 1 - wave 4)</i>	<i>0.090</i>	<i>0.000</i>

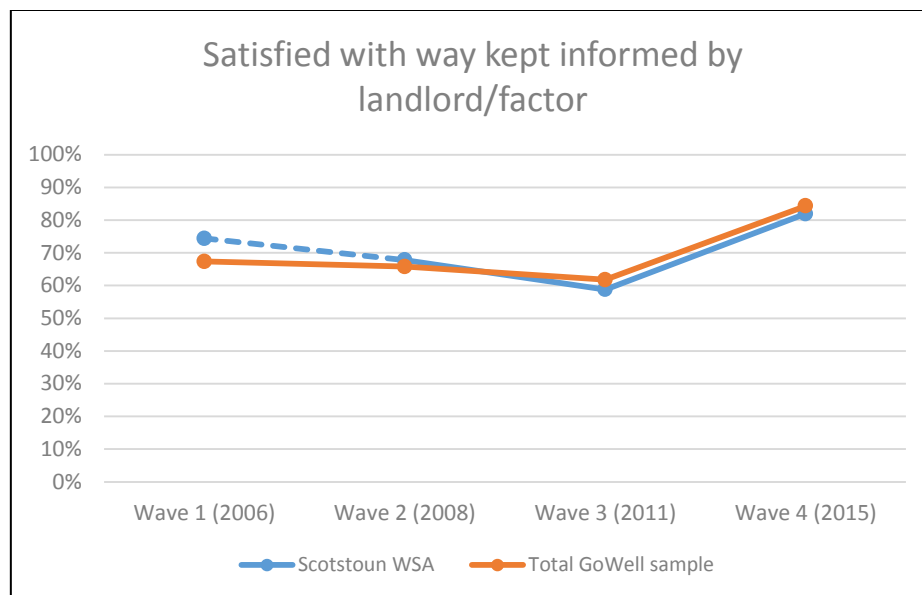


### Empowerment: being kept informed by landlord

Respondents were asked: “How satisfied or dissatisfied are you with each of the following with regards to your landlord or factor... The way you are kept informed about things that might affect you?”. The response categories were: ‘very unsatisfied’; ‘fairly satisfied’; ‘neither satisfied nor dissatisfied’; ‘fairly satisfied’; and ‘very satisfied’, as well as ‘don’t know’ and ‘not applicable’. The figures show the percentages reporting being ‘fairly’ or ‘very satisfied’.

- 78% of respondents were satisfied with being kept informed by the landlord/factor both at wave 1 and at wave 4, although the share decreased in-between. There was not a statistically significant difference between wave 1 and wave 4.
- The total GoWell sample started lower but ended up at 84%. The increase was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 4 but not at wave 1.

**Figure 6: Residents satisfied with the way their landlord/factor kept them informed.**



**Table 6. Resident satisfaction with the way their landlord/factor kept them informed, by wave.**

	Carntyne	Total sample
Wave 1	77.8%	67.4%
Wave 2	69.3%	65.8%
Wave 3	54.5%	61.8%
Wave 4	77.5%	84.3%
<i>p-value (wave 1 - wave 4)</i>	<i>1.000</i>	<i>0.000</i>

## Neighbourhood

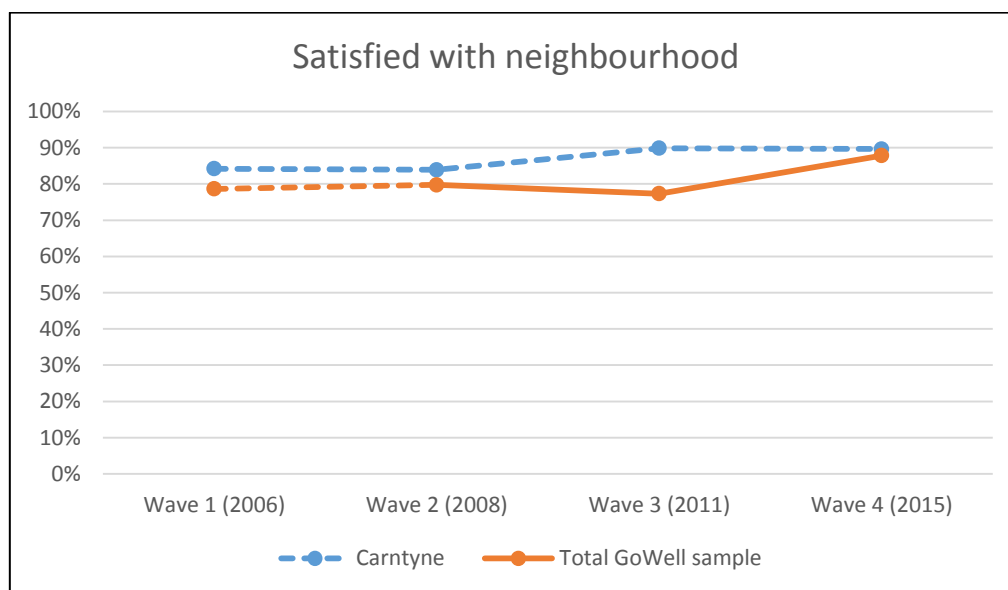
The second group of nine indicators we examined related to the residential neighbourhood.

### Satisfaction with neighbourhood as a place to live

Respondents were asked: “How satisfied or dissatisfied are you with this neighbourhood as a place to live?” The response categories were: ‘very unsatisfied’; ‘fairly satisfied’; ‘neutral’; ‘fairly satisfied’; and ‘very satisfied’. The graph shows the percentages of those who said they were fairly or very satisfied.

- Satisfaction with the neighbourhood had a share of over 80% at the start, and it increased further to 90% by wave 4 in Carntyne. The increase was not statistically significant.
- The share was slightly lower in the total GoWell sample, but this also increased to 88%. This increase was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample at wave 4, but not at wave 1.

**Figure 7: Resident satisfaction with the neighbourhood.**



**Table 7. Resident satisfaction with the neighbourhood, by wave.**

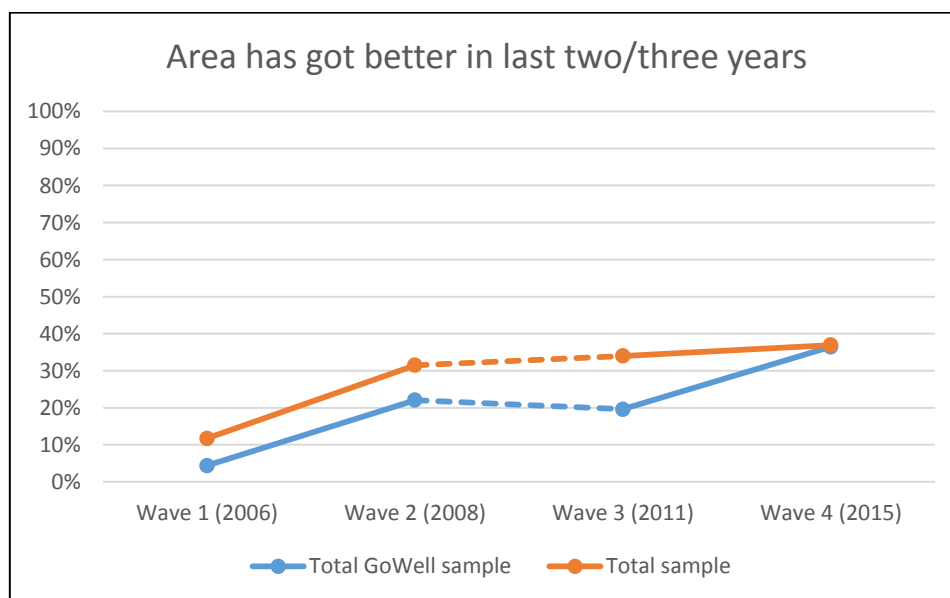
	Carntyne	Total sample
Wave 1	84.2%	78.7%
Wave 2	83.9%	79.7%
Wave 3	89.9%	77.3%
Wave 4	89.7%	87.8%
<i>p-value (wave 1 - wave 4)</i>	0.305	0.000

## Area improvement

Respondents were asked: “Has this area got better or worse to live in over the last two/three/four years?”. Response categories were ‘better’; ‘stayed the same’; ‘worse’; and ‘don’t know’. The graph shows the percentages that said ‘the area has got better’.

- In Carntyne, 22% felt the area had improved in wave 2 and a further 37% in wave 4. The increase was statistically significant.
- There was a similar trend in the total GoWell sample, which had higher percentages than Carntyne until wave 4, where they had similar percentages. The overall change was also statistically significant in the total sample.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 8: Residents reporting that the area has improved.**



**Table 8. Residents reporting that the area has improved, by wave.**

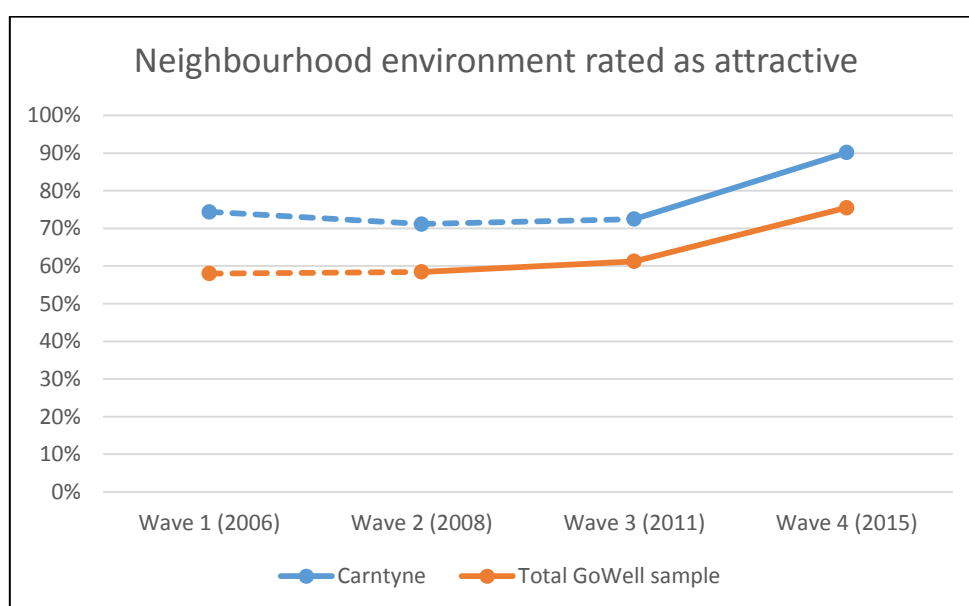
	Carntyne	Total sample
Wave 1	4.4%	11.7%
Wave 2	22.1%	31.5%
Wave 3	19.6%	34.0%
Wave 4	36.5%	36.9%
<i>p-value (wave 1 - wave 4)</i>	<i>0.000</i>	<i>0.000</i>

## Attractive environment

Respondents were asked: “How would you rate the quality of your neighbourhood in terms of... attractive environment?”. The responses were: ‘very poor’; ‘fairly poor’; ‘neither good nor poor’; ‘fairly good’; and ‘very good’, as well as ‘don’t know’. We focus on the percentage reporting ‘fairly’ or ‘very good’.

- The percentage rating the neighbourhood attractive increased in wave 4 in Carntyne, reaching 90%. The difference to wave 1 was statistically significant.
- Similarly, in the total GoWell sample, the percentage increased to 76% by the end. The increase was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 9: Residents rating the neighbourhood environment as attractive.**



**Table 9. Residents rating the neighbourhood environment as attractive, by wave.**

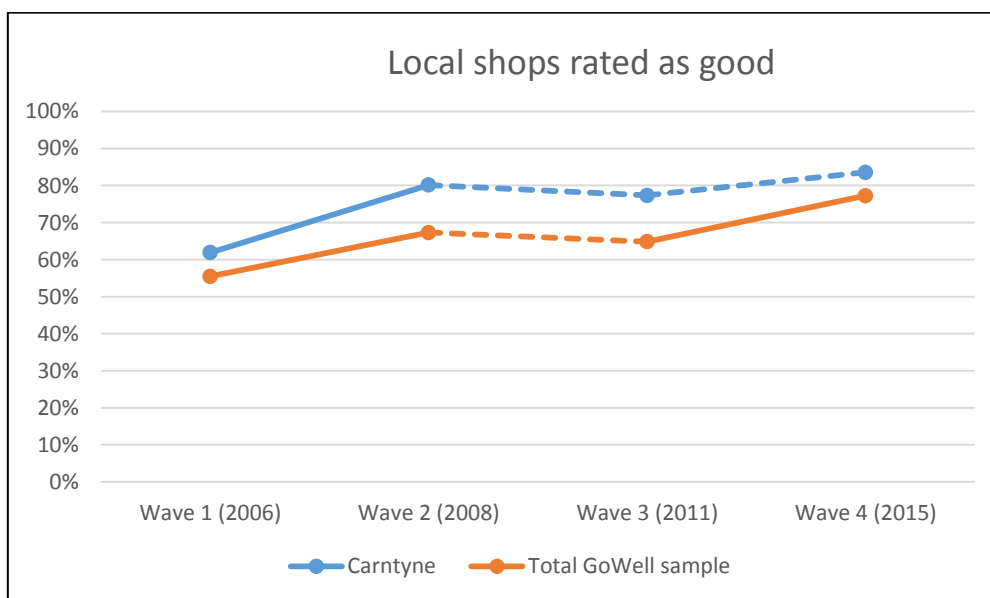
	Carntyne	Total sample
Wave 1	74.4%	58.0%
Wave 2	71.2%	58.5%
Wave 3	72.5%	61.2%
Wave 4	90.1%	75.5%
<i>p-value (wave 1 - wave 4)</i>	<i>0.000</i>	<i>0.000</i>

## Local shops

Respondents were asked: “How would you rate the quality of the following services in and around your local area... shops?”. The response categories were ‘very poor’; ‘fairly poor’; ‘neither good nor poor’; ‘fairly good’; and ‘very good’, as well as ‘don’t know’. We focus on the percentage who responded ‘fairly good’ or ‘very good’.

- The share that rated local shops good increased noticeably to 80% in wave 2 in Carntyne and finished at 84%. The change from wave 1 was statistically significant.
- The percentage was slightly lower in the total GoWell sample, but also increased to 77%. This was a statistically significant increase.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 10: Residents rating the local shops as good.**



**Table 10. Residents rating the local shops as good, by wave.**

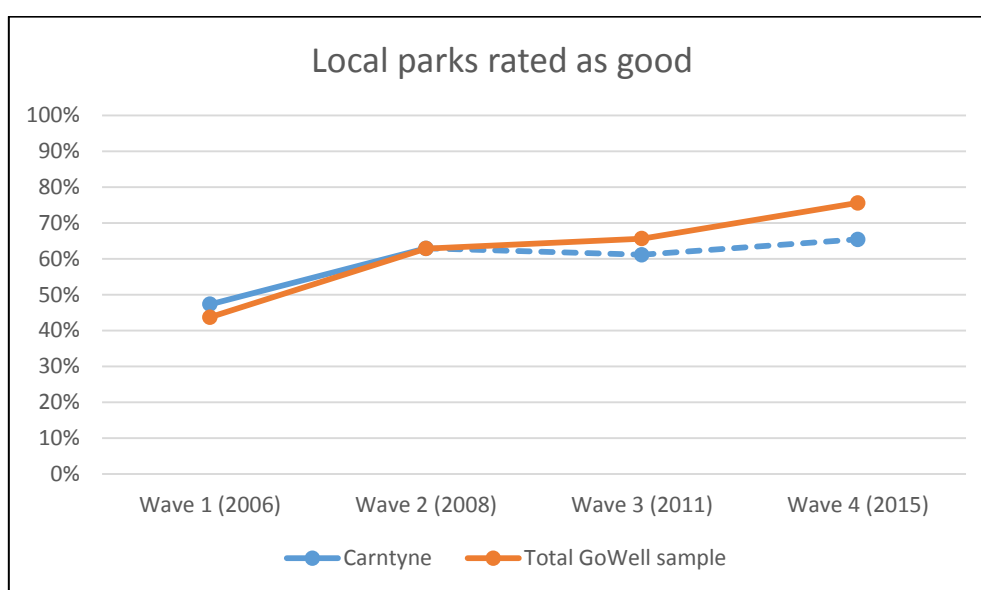
	Carntyne	Total sample
Wave 1	61.9%	55.5%
Wave 2	80.1%	67.3%
Wave 3	77.3%	64.9%
Wave 4	83.6%	77.3%
<i>p-value (wave 1 - wave 4)</i>	<i>0.000</i>	<i>0.000</i>

## Local parks

Similarly, the respondents were asked to rate the quality of local parks/open spaces as one of the following: 'very poor'; 'fairly poor'; 'neither good nor poor'; 'fairly good'; and 'very good', as well as 'don't know'. Again, the percentages examined are for those who responded 'fairly good' or 'very good'.

- The percentage rating local parks good in Carntyne increased after wave 1 to over 60% where it remained. The overall increase was statistically significant.
- The percentages were very similar in the total GoWell sample, which saw a statistically significant increase, to 76% by the end.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 11: Residents rating local parks/open spaces as good.**



**Table 11. Residents rating local parks/open spaces as good, by wave.**

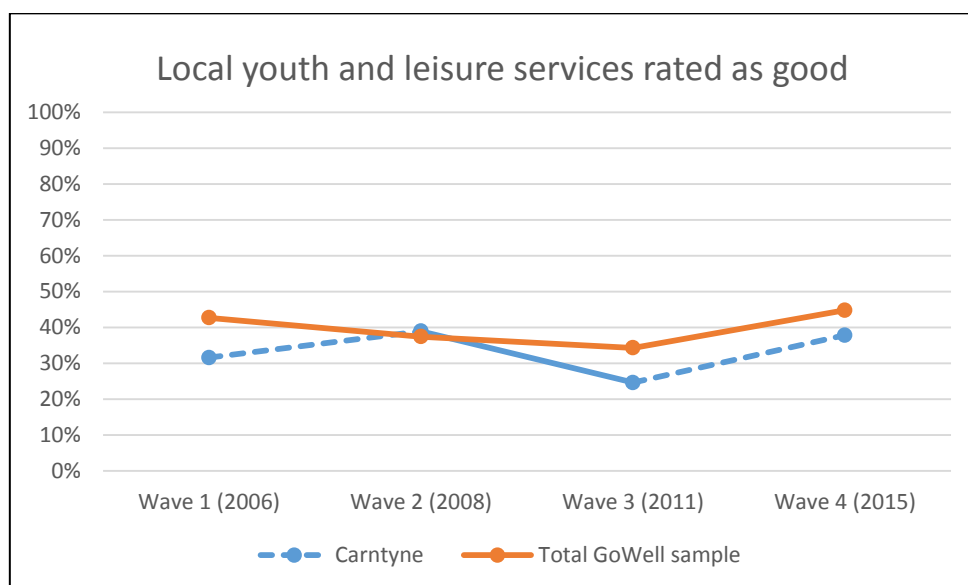
	Carntyne	Total sample
Wave 1	47.3%	43.7%
Wave 2	62.9%	62.9%
Wave 3	61.1%	65.6%
Wave 4	65.4%	75.6%
<i>p-value (wave 1 - wave 4)</i>	<i>0.000</i>	<i>0.000</i>

### Local youth and leisure services

A third local service respondents were asked to rate was youth and leisure services. The possible responses were: 'very poor'; 'fairly poor'; 'neither good nor poor'; 'fairly good'; 'very good'; or 'don't know'. The percentages examined are for the two positive responses, 'fairly good' or 'very good'.

- The percentage rating the youth services good in Carntyne increased in wave 2, but decreased to a figure lower than the initial level in wave 3 (25%). However, the final figure was 38%.
- The overall change in Carntyne was not statistically significant.
- In the total GoWell sample, the percentage also decreased slightly to wave 3, but finished at 45%. The difference to wave 1 was not statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 12: Residents rating local youth and leisure services as good.**



**Table 12. Residents rating local youth and leisure services as good, by wave.**

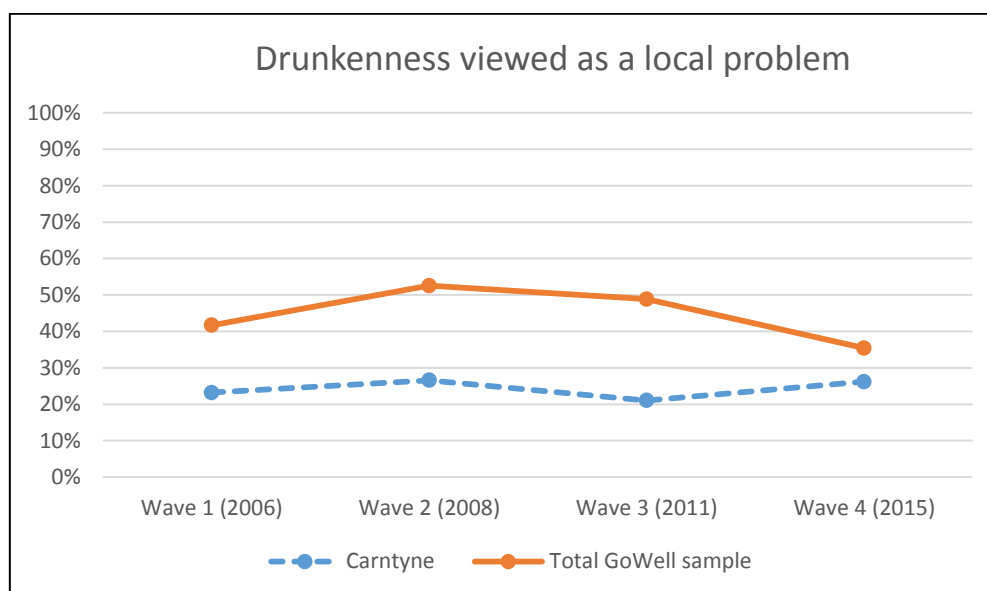
	Carntyne	Total sample
Wave 1	31.5%	42.7%
Wave 2	39.0%	37.4%
Wave 3	24.6%	34.3%
Wave 4	37.8%	44.8%
<i>p-value (wave 1 - wave 4)</i>	<i>0.450</i>	<i>0.202</i>

## Drunkenness as a problem

Next, we look at problems in the neighbourhood. Respondents were asked: Could you tell me whether you think that each of the following things is a serious problem, a slight problem, or not a problem in your local neighbourhood... People being drunk or rowdy in public places?”. We consider the percentages who responded that drunkenness was a ‘slight’ or ‘serious problem’.

- The share of respondents finding public drunkenness a problem in Carntyne remained above 20% throughout the survey, ending up at 26%. However, the overall change was not statistically significant.
- The percentage was higher in the total GoWell sample, but decreased to 35% in the final year. The overall change was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 13: Residents identifying drunkenness as a local problem.**



**Table 13. Residents identifying drunkenness as a local problem, by wave.**

	Carntyne	Total sample
Wave 1	23.2%	41.7%
Wave 2	26.6%	52.5%
Wave 3	21.1%	48.9%
Wave 4	26.2%	35.4%
<i>p-value (wave 1 - wave 4)</i>	<i>0.862</i>	<i>0.000</i>

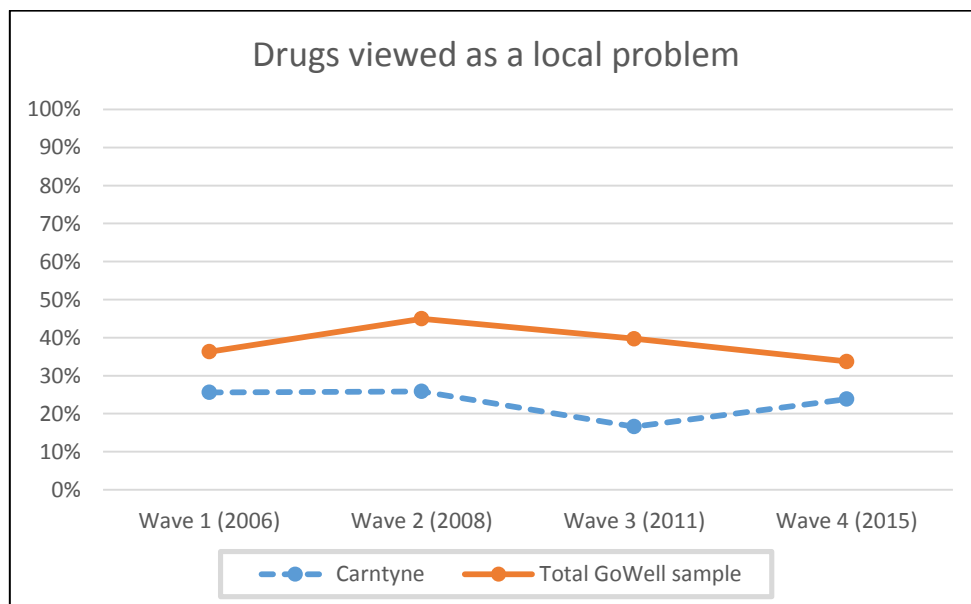


## Drugs as a problem

Similar to the last question, respondents were also asked whether they thought that “People using or dealing drugs” was a local problem. The responses were either ‘not a problem’; ‘don’t know’; or a ‘slight’ or ‘serious’ problem. Here, we examine those who identified drugs as a ‘slight’ or ‘serious’ problem’.

- The percentage seeing drugs as a problem in Carntyne remained over 20%, while dropping to 17% in wave 3. There was not a statistically significant change in Carntyne.
- With higher figures than Carntyne, the total GoWell sample had a decrease to 34% in this variable. However, the overall change was not statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 14: Residents identifying people using/dealing drugs as a local problem.**



**Table 14. Residents identifying people using/dealing drugs as a local problem, by wave.**

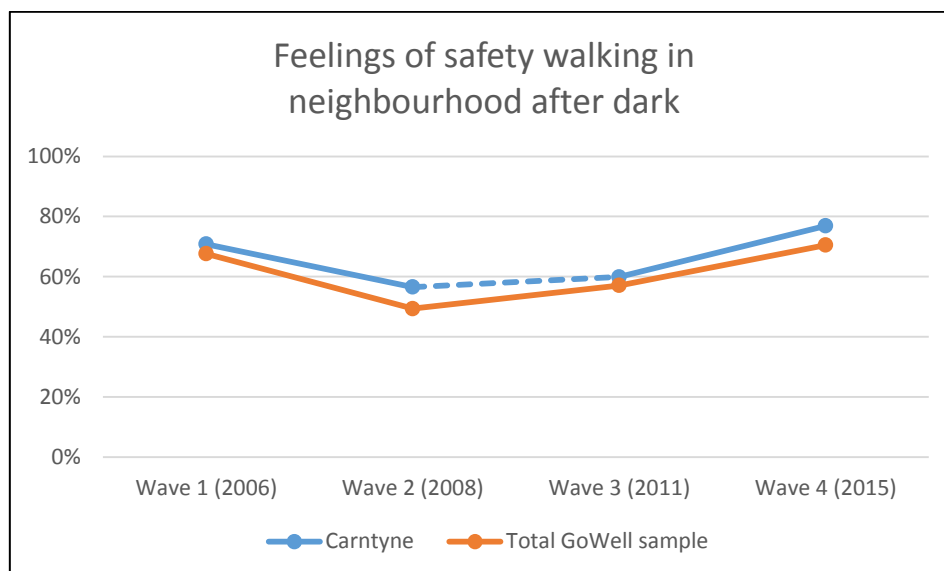
	Carntyne	Total sample
Wave 1	25.6%	36.3%
Wave 2	25.8%	45.0%
Wave 3	16.6%	39.7%
Wave 4	23.8%	33.7%
<i>p-value (wave 1 - wave 4)</i>	<i>0.964</i>	<i>0.060</i>

## Safety after dark

Respondents were asked: “How safe would you feel walking alone in this neighbourhood after dark?”. The response categories were: ‘very unsafe’; ‘a bit unsafe’; ‘neither safe nor unsafe’; ‘fairly safe’; ‘very safe’; ‘never walk alone after dark’; or ‘don’t know’. We look at the percentages saying they would feel ‘fairly’ or ‘very safe’.

- The percentage feeling safe after dark in Carntyne decreased at first in wave 2, increasing thereafter to 77% by wave 4. However, the difference to wave 1 was not statistically significant.
- The percentage for the total GoWell sample was slightly lower throughout, but also increased to 71% in wave 4. The overall change was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 15: Residents who felt safe walking in the neighbourhood after dark.**



**Table 15. Residents who felt safe walking in the neighbourhood after dark, by wave.**

	Carntyne	Total sample
Wave 1	70.8%	67.6%
Wave 2	56.6%	49.3%
Wave 3	59.9%	57.1%
Wave 4	76.9%	70.5%
<i>p-value (wave 1 - wave 4)</i>	<i>0.451</i>	<i>0.025</i>

## Community

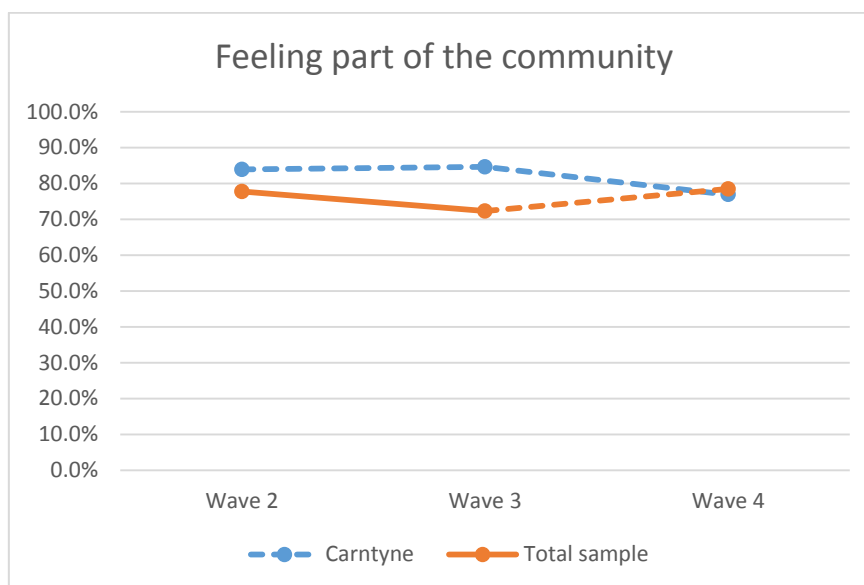
The third group of seven indicators we examined related to the community.

### Feeling part of community

Respondents were asked: “To what extent do the following apply to you... I feel part of the community?” This question was asked from wave 2 onwards. Response categories were: ‘not at all’; ‘not very much’; ‘a fair amount’; and ‘a great deal’. The percentages shown comprise the two positive response categories, i.e. those who said ‘a fair amount’ or ‘a great deal’.

- There was a small decrease in the share of respondents who felt part of the community in Carntyne, from 84% in wave 2 to 77% by wave 4. The decrease was not statistically significant.
- The total GoWell sample figure remained fairly steady with 79% at wave 4. The overall change was not statistically significant.
- Carntyne and the total GoWell sample did not differ statistically significantly at wave 1 nor wave 4.

**Figure 16: Residents who felt part of the community.**



**Table 16. Residents who felt part of the community, by wave.**

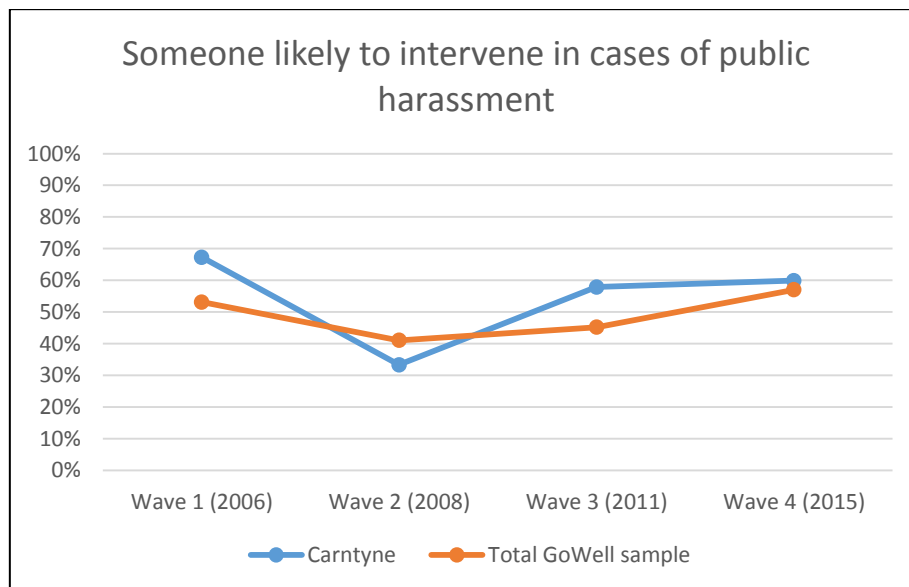
	Carntyne	Total sample
Wave 2	83.9%	77.8%
Wave 3	84.6%	72.3%
Wave 4	76.9%	78.5%
<i>p-value</i> (wave 2 - wave 4)	0.123	0.746

### Likelihood of informal social control

Respondents were asked: “To what extent do you agree or disagree with the following statements: It is likely that someone would intervene if a group of youths were harassing someone in the local area?”. The response categories were: ‘strongly disagree’; ‘disagree’; ‘neither agree or disagree’; ‘agree’; ‘strongly agree’; and ‘don’t know’. We are interested in the percentage who ‘agree’ or ‘strongly agree’.

- The share of respondents who found intervention likely decreased to 33% in wave 2, but increased to 60% by wave 4. The difference between wave 1 and 4 was not statistically significant.
- There was less change in the total GoWell sample where the figure was 57% by wave 4. The difference to wave 1 was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 17: Residents who thought it was likely someone would intervene in cases of public harassment.**



**Table 17. Residents who thought it was likely someone would intervene in cases of public harassment, by wave.**

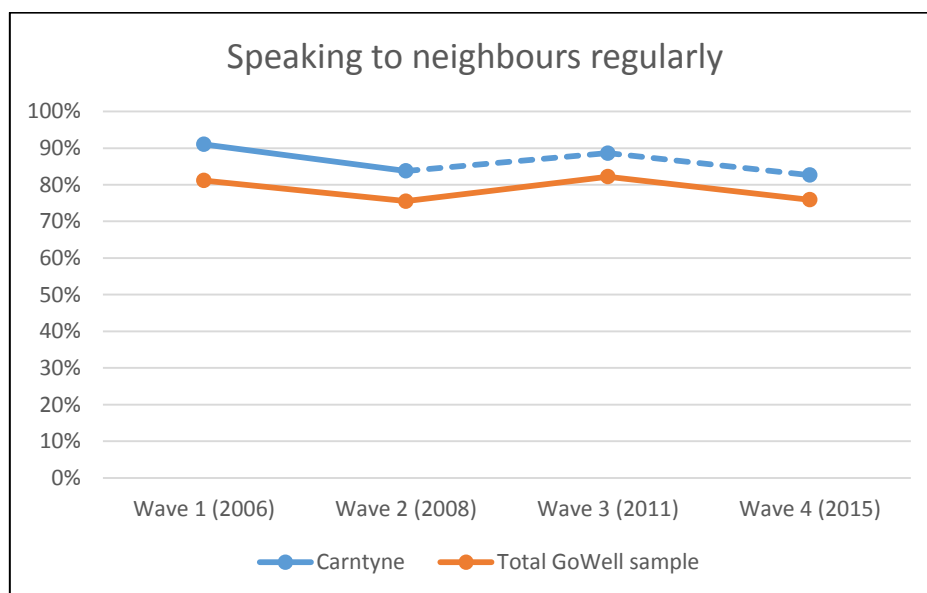
	Carntyne	Total sample
Wave 1	67.3%	53.1%
Wave 2	33.3%	41.1%
Wave 3	57.9%	45.2%
Wave 4	59.9%	57.0%
<i>p-value (wave 1 - wave 4)</i>	0.281	0.001

## Speaking to neighbours

Respondents were asked: “How often do you do any of the following... Speak to neighbours?”. The response categories were: ‘never’; ‘less than once a month’; ‘once or twice a month’; ‘once a week or more’; and ‘most days’. Here, we look at the combined share of ‘once a week or more’ and ‘most days’, i.e. at least weekly.

- The percentage who spoke to neighbours at least weekly decreased from 91% to 83% in Carntyne. This decrease was statistically significant.
- The trend was similar in the total GoWell sample, decreasing from 81% to 76%. This was also statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 18: Residents who regularly speak to neighbours.**



**Table 18. Residents who regularly speak to neighbours, by wave.**

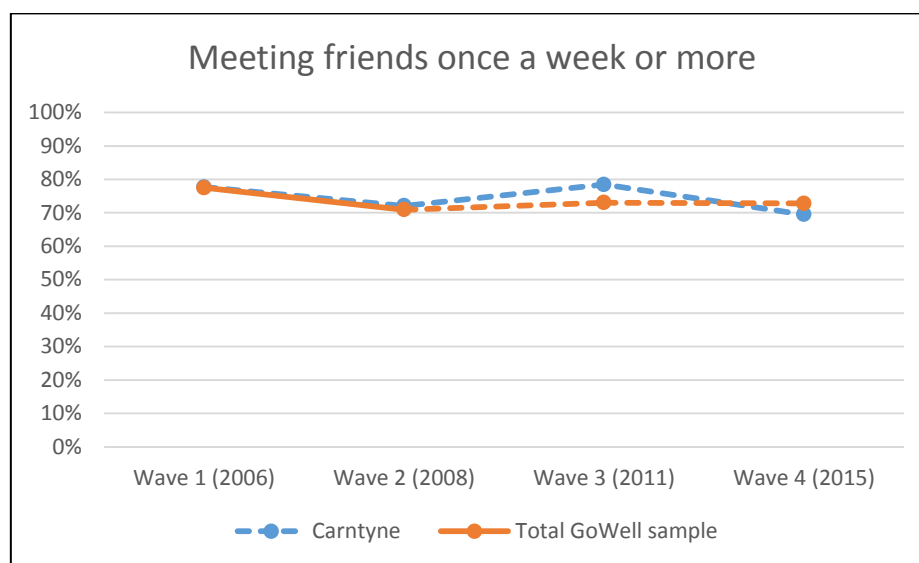
	Carntyne	Total sample
Wave 1	91.0%	81.2%
Wave 2	83.8%	75.5%
Wave 3	88.6%	82.2%
Wave 4	82.6%	75.9%
<i>p-value (wave 1 - wave 4)</i>	<i>0.024</i>	<i>0.000</i>

## Meeting friends

Similarly, respondents were asked how often they 'met up with friends'. The response categories were: 'never'; 'less than once a month'; 'once or twice a month'; 'once a week or more'; and 'most days'. Here, we focus on the combined share of 'once a week or more' and 'most days'.

- The share of respondents who met friends at least weekly decreased from 78% to 70% between wave 1 and wave 4. This decrease was however not statistically significant.
- The total GoWell sample had similar percentages, decreasing to 73%. This was also a statistically significant decrease.
- There was a statistically significant difference between Carntyne and the total sample at wave 1 but not at wave 4.

**Figure 19: Residents who meet friends once a week or more.**



**Table 19. Residents who meet friends once a week or more, by wave.**

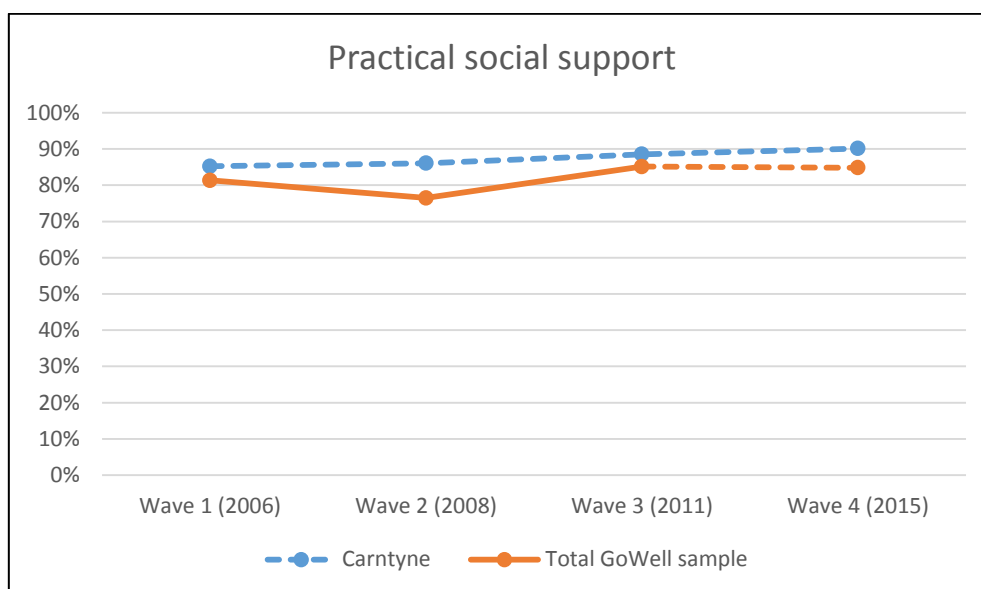
	Carntyne	Total sample
Wave 1	77.7%	77.5%
Wave 2	72.1%	70.9%
Wave 3	78.5%	73.0%
Wave 4	69.5%	72.8%
<i>p-value (wave 1 - wave 4)</i>	<i>0.151</i>	<i>0.000</i>

## Practical social support

Respondents were asked: “Thinking about your relatives, friends and neighbours, not counting those you live with, can you tell me around how many people could you ask for the following kinds of help... To go to the shops for you if you are unwell?”. The response categories were: ‘none’; ‘one or two’; ‘more than two’; and ‘would not ask’. The percentage here is made up of respondents who said they could ask one or more people.

- The percentage who reported having practical social support increased from 85% to 90% in Carntyne. This was however not a statistically significant increase.
- Similarly, the percentage increased from 81% to 85% in the total GoWell sample. This was statistically significant.
- The difference between Carntyne and the total sample was statistically significant at wave 4, not at wave 1.

**Figure 20: Residents who could rely on people for support.**



**Table 20. Residents who could rely on people for support, by wave.**

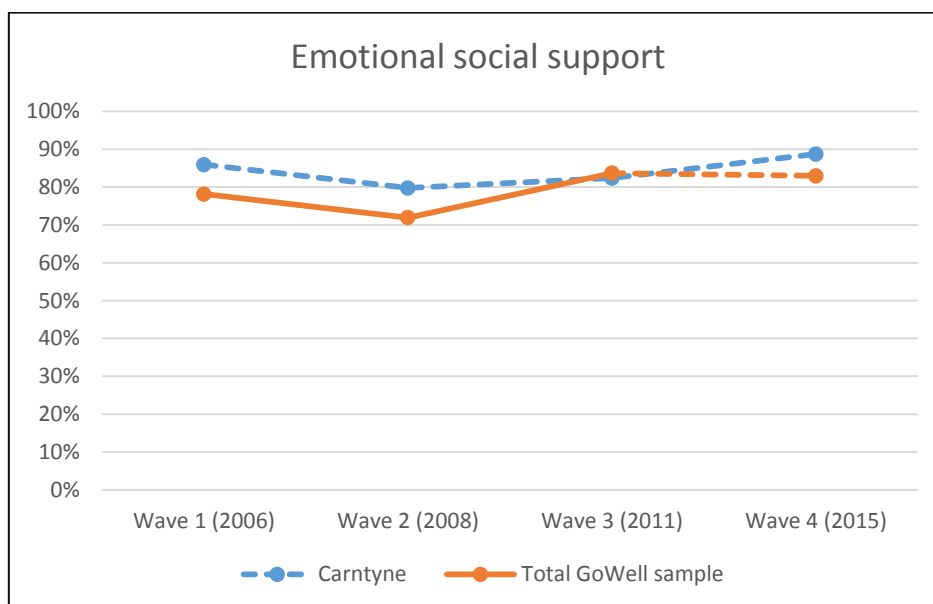
	Carntyne	Total sample
Wave 1	85.2%	81.3%
Wave 2	86.1%	76.5%
Wave 3	88.5%	85.1%
Wave 4	90.1%	84.8%
<i>p-value (wave 1 - wave 4)</i>	<i>0.369</i>	<i>0.000</i>

## Emotional social support

In a similar way to the previous question, respondents were asked “How many people could you ask... To give you advice and support in a crisis?”. The responses were ‘none’; ‘one or two’; ‘more than two’; and ‘would not ask’. We look at the percentages that reported one or more people.

- The share reporting having emotional social support remained around 80% in Carntyne. The difference between wave 1 (86%) and wave 4 (89%) was not statistically significant.
- The share in the total GoWell sample increased in a statistically significant way from 78% to 83%.
- The difference between Carntyne and the total sample was statistically significant at wave 4, not at wave 1.

**Figure 21: Residents reporting that they could rely on one or more people for advice and support in a crisis.**



**Table 21. Residents reporting that they could rely on one or more people for advice and support in a crisis, by wave.**

	Carntyne	Total sample
Wave 1	85.9%	78.1%
Wave 2	79.8%	71.9%
Wave 3	82.4%	83.7%
Wave 4	88.7%	83.0%
<i>p-value (wave 1 - wave 4)</i>	<i>0.853</i>	<i>0.000</i>

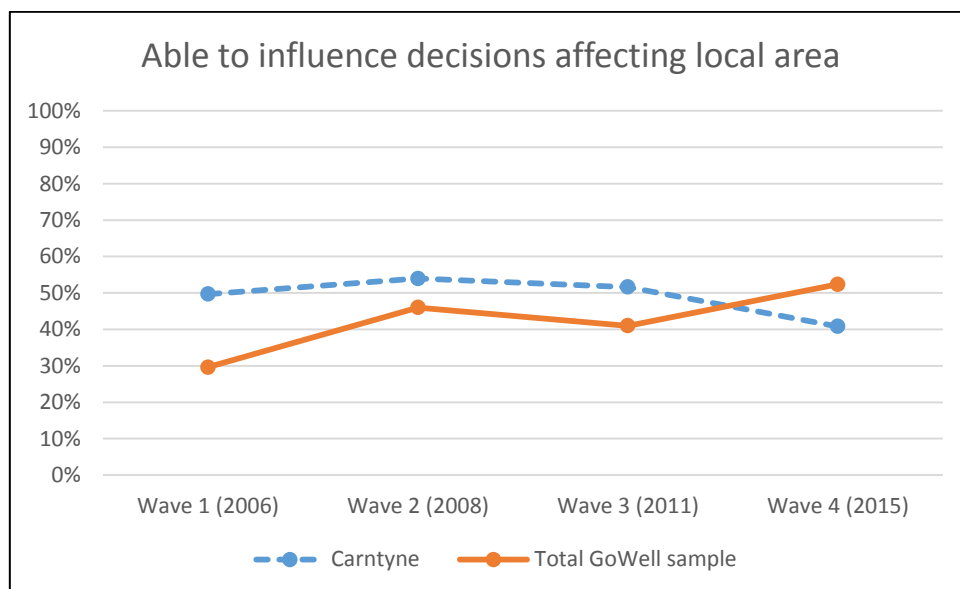


### Empowerment: influencing decisions on the local area

Respondents were asked: “How much do you agree or disagree with the following statements... On your own, or with others, you can influence decisions affecting your local area?”. The response categories were: ‘strongly disagree’; ‘disagree’; ‘neither agree nor disagree’; ‘agree’; ‘strongly agree’; and ‘don’t know’. We are interested in the percentage who ‘agree’ or ‘strongly agree’.

- The share of respondents who felt able to influence decisions was around 50% in Carntyne until wave 4, where it decreased to 41%. The wave 1 – wave 4 difference was not statistically significant.
- In the total GoWell sample, the figure increased from 30% to 52% and this increase was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 22: Residents who felt able to influence decisions affecting the local area.**



**Table 22. Residents who felt able to influence decisions affecting the local area, by wave.**

	Carntyne	Total sample
Wave 1	49.7%	29.6%
Wave 2	53.9%	46.0%
Wave 3	51.6%	41.0%
Wave 4	40.8%	52.4%
<i>p-value (wave 1 - wave 4)</i>	<i>0.175</i>	<i>0.000</i>

## Finances

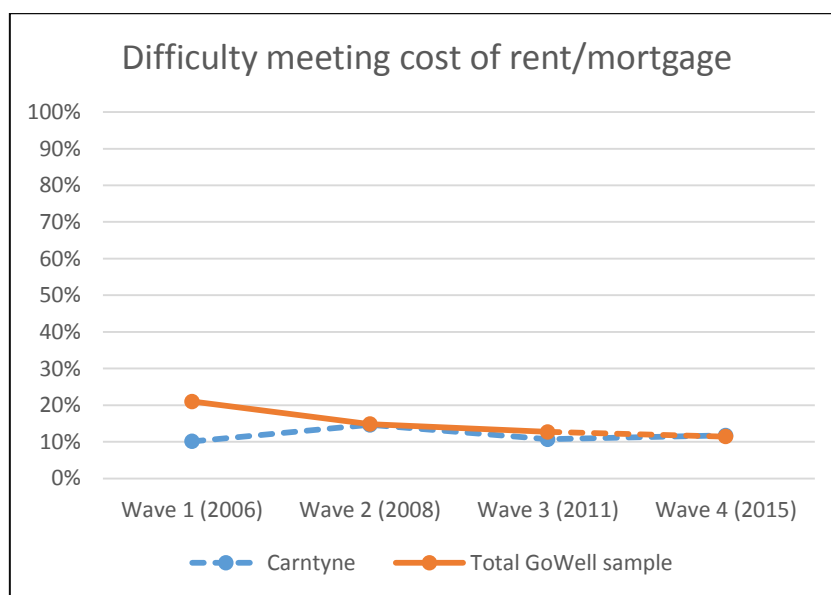
The fourth group of three indicators we examined related to household finances.

### Difficulty meeting cost of rent/mortgage

Respondents were asked: “Looking at the card, which option best describes how often you find it difficult to meet the cost of the following things... rent or mortgage?”. The response categories were: ‘never’ (including ‘not applicable’), ‘occasionally’, ‘quite often’, ‘very often’. The percentages examined here comprise the last three categories, i.e. those having occasional or regular financial difficulty.

- Around 10% reported having difficulty paying the rent/mortgage in Carntyne. There was not a statistically significant change.
- The figure in the total GoWell sample decreased from 21% to 11% by wave 4. This was a statistically significant decrease.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 23: Residents with difficulties meeting the cost of their rent or mortgage.**



**Table 23. Residents with difficulties meeting the cost of their rent or mortgage, by wave.**

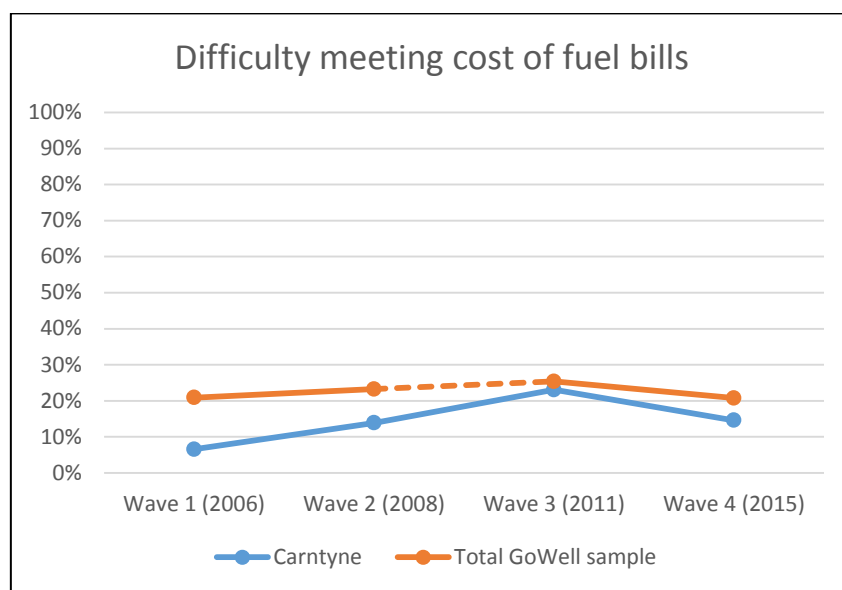
	Carntyne	Total sample
Wave 1	10.1%	21.0%
Wave 2	14.6%	14.8%
Wave 3	10.7%	12.7%
Wave 4	11.7%	11.4%
<i>p-value (wave 1 - wave 4)</i>	<i>0.930</i>	<i>0.000</i>

### Difficulty meeting cost of fuel bills

Respondents were asked a similar question regarding difficulty meeting the cost of “gas, electricity or other fuel bills”. Again, we are interested in the percentages of ‘occasionally’, ‘quite often and ‘very often’ combined.

- The percentage reporting difficulty paying fuel bills increased from 7% to 15% by wave 4 in Carntyne. The increase was statistically significant.
- The percentage remained around 20% in the total GoWell sample, and the difference from start to end was not statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 24: Residents reporting difficulties meeting fuel bills.**



**Table 24. Residents reporting difficulties meeting fuel bills, by wave.**

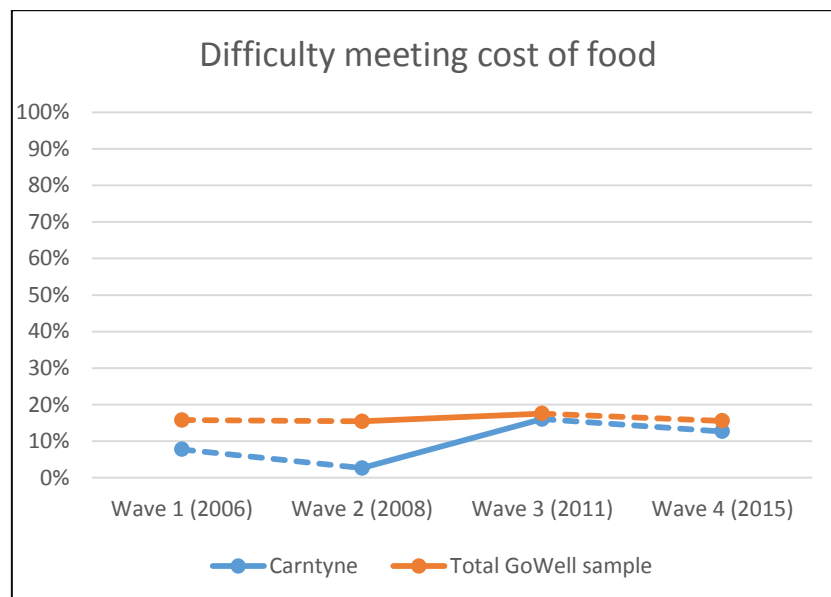
	Carntyne	Total sample
Wave 1	6.5%	20.9%
Wave 2	13.9%	23.2%
Wave 3	23.0%	25.4%
Wave 4	14.6%	20.8%
<i>p-value (wave 1 - wave 4)</i>	<i>0.037</i>	<i>0.999</i>

## Difficulty meeting cost of food

Lastly, we look at reported difficulties meeting the cost of food. As before, we are interested in the percentages reporting ‘occasionally’, ‘quite often’ or ‘very often’.

- The share of respondents with difficulty paying for food increased from 8% in wave 1 to 13% by wave 4 in Carntyne. However, the increase was not statistically significant.
- The percentage in the total GoWell sample remained around 16% through the survey and the wave 1 – wave 4 difference was not statistically significant.
- The difference between Carntyne and the total sample was not statistically significant at wave 1 nor wave 4.

**Figure 25: Residents experiencing difficulties meeting the cost of food.**



**Table 25. Residents experiencing difficulties meeting the cost of food.**

	Carntyne	Total sample
Wave 1	7.7%	15.8%
Wave 2	2.6%	15.4%
Wave 3	16.0%	17.6%
Wave 4	12.7%	15.6%
<i>p-value (wave 1 - wave 4)</i>	<i>0.182</i>	<i>0.995</i>

## Health

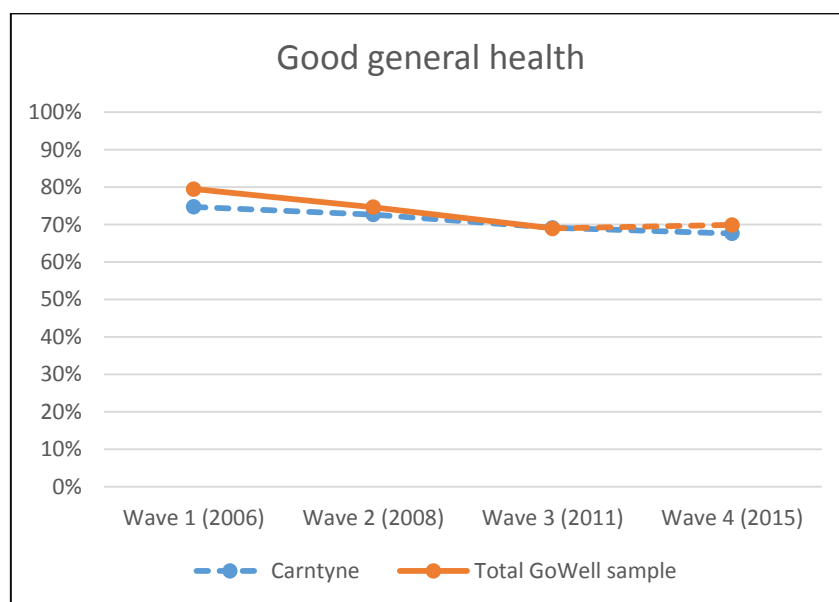
The final group of seven indicators we examined related to health and wellbeing.

### General health

Respondents were asked: “In general would you say your health is..?”. The response categories were: ‘poor’; ‘fair’; ‘good’; ‘very good’; or ‘excellent’. The graph shows the percentages who reported their health to be at least ‘good’ or better.

- The percentage of respondents reporting good general health decreased from 75% in wave 1 to 68% by wave 4. This decrease was not statistically significant.
- Similarly, the percentage decreased in the total GoWell sample from 80% to 70%. This decrease was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 26: Residents reporting their general health to be good.**



**Table 26. Residents reporting their general health to be good, by wave.**

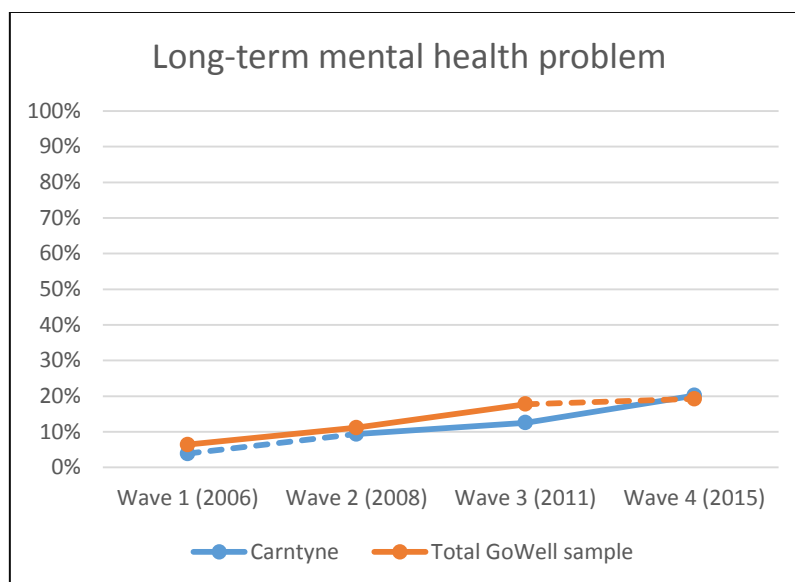
	Carntyne	Total sample
Wave 1	74.7%	79.5%
Wave 2	72.7%	74.6%
Wave 3	69.1%	68.9%
Wave 4	67.6%	69.9%
<i>p-value (wave 1 - wave 4)</i>	<i>0.283</i>	<i>0.000</i>

### Long-term mental health problem

Respondents were asked: “Have you had any of the following health problems regularly over the past 12 months?”. At wave 1 the mental health item was described as “a psychological or emotional condition”, while from wave 2 onwards it was described as “stress, anxiety or depression”. This change in wording may account for the change in responses between wave 1 and wave 2. The question had a ‘yes/no’ response, and we examined the percentages saying ‘yes’ they had such a mental health problem.

- The share of respondents reporting a long-term mental health problem increased from 4% in wave 1 to 20% by wave 4. This increase was statistically significant.
- This also increased in the total GoWell sample from 6% in wave 1 to 19% by wave 4. The increase was statistically significant.
- There was not a statistically significant difference between Carntyne and the total sample at wave 1 or at wave 4.

**Figure 27: Residents reporting a long-term mental health problem.**



**Table 27. Residents reporting a long-term mental health problem, by wave.**

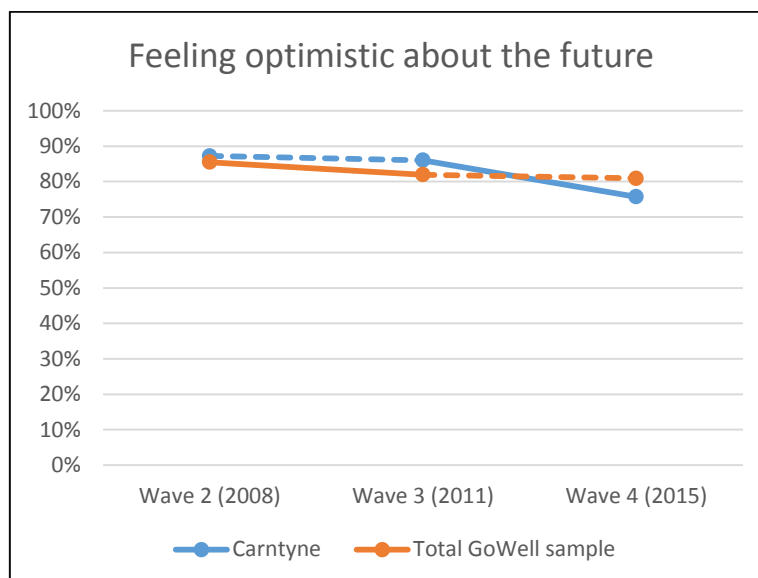
	Carntyne	Total sample
Wave 1	3.9%	6.4%
Wave 2	9.4%	11.2%
Wave 3	12.6%	17.7%
Wave 4	20.2%	19.2%
<i>p-value</i> (wave 1 - wave 4)	0.000	0.000

## Feeling optimistic

Respondents were asked: “Below are some statements about feelings and thoughts. Tell me the frequency with which each describes your experience over the last two weeks... I’ve been feeling optimistic about the future”. The response categories were: ‘never’; ‘rarely’; ‘some of the time’; ‘often’; and ‘all of the time’. We focus on the combined share of ‘some of the time’, ‘often’ and ‘all of the time’. The question was introduced to the survey at wave 2.

- The share of respondents who felt optimistic decreased from 87% in wave 1 to 76% by wave 4 in Carntyne. This decrease was statistically significant.
- There was a smaller decrease in the total GoWell sample, from 86% to 81%. This was also statistically significant.
- There was not a statistically significant difference between Carntyne and the total sample at wave 1 or at wave 4.

**Figure 28: Residents feeling optimistic about the future.**



**Table 28. Residents feeling optimistic about the future, by wave.**

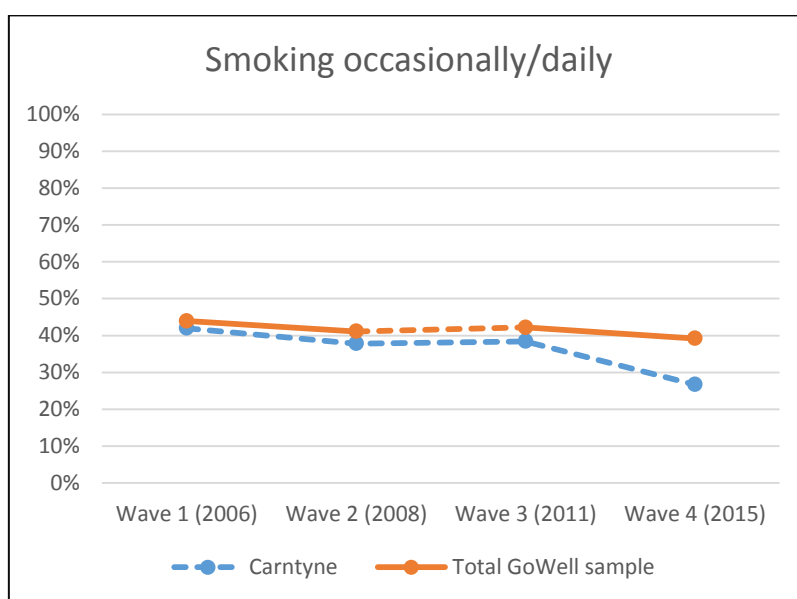
	Carntyne	Total sample
Wave 2	87.3%	85.5%
Wave 3	86.0%	81.9%
Wave 4	75.7%	80.9%
<i>p-value (wave 2 - wave 4)</i>	<i>0.002</i>	<i>0.000</i>

## Smoking

Respondents were asked: “Do you, or have you ever, smoked?”. The responses were recorded as: ‘never smoked’; ‘smoked in the past but not now’; ‘smoke occasionally now, but not every day’; and ‘smoke daily’. The last two categories were combined to form the percentages who currently smoke.

- The percentage of smokers decreased from 42% in wave 1 to 27% by wave 4. This was a statistically significant decrease.
- There was also a decrease in the total GoWell sample from 44% to 39%, and this was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample at wave 4, but not at wave 1.

**Figure 29: Residents who smoked occasionally or daily.**



**Table 29. Residents who smoked occasionally or daily, by wave.**

	Carntyne	Total sample
Wave 1	42.0%	43.9%
Wave 2	37.8%	41.1%
Wave 3	38.4%	42.2%
Wave 4	26.7%	39.2%
<i>p-value (wave 1 - wave 4)</i>	<i>0.002</i>	<i>0.000</i>

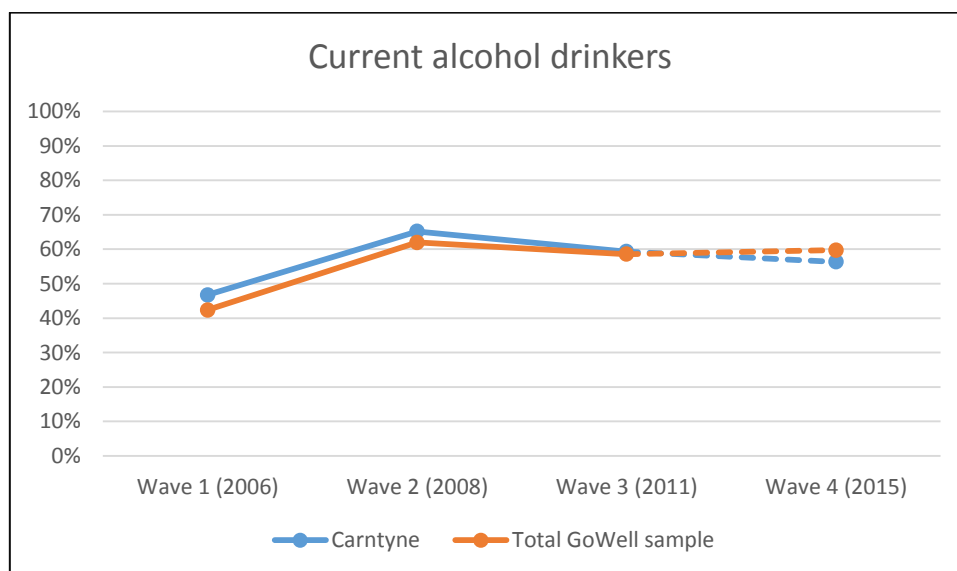


## Drinking

Respondents were asked a variety of questions about drinking alcohol across the survey waves, including their current status of alcohol consumption, the amount of alcohol consumed and the frequency of drinking. From these responses, we were able to calculate the number of current drinkers at each survey wave.

- The percentage of current drinkers increased from 47% in wave 1 to 56% by wave 4 in Carntyne. This was however not a statistically significant increase.
- The percentage also increased in the total GoWell sample from 42% to 60%. This increase was statistically significant.
- There was a statistically significant difference between Carntyne and the total sample both at wave 1 and wave 4.

**Figure 30: Residents who currently consume alcohol.**



**Table 30. Residents who currently consume alcohol, by wave.**

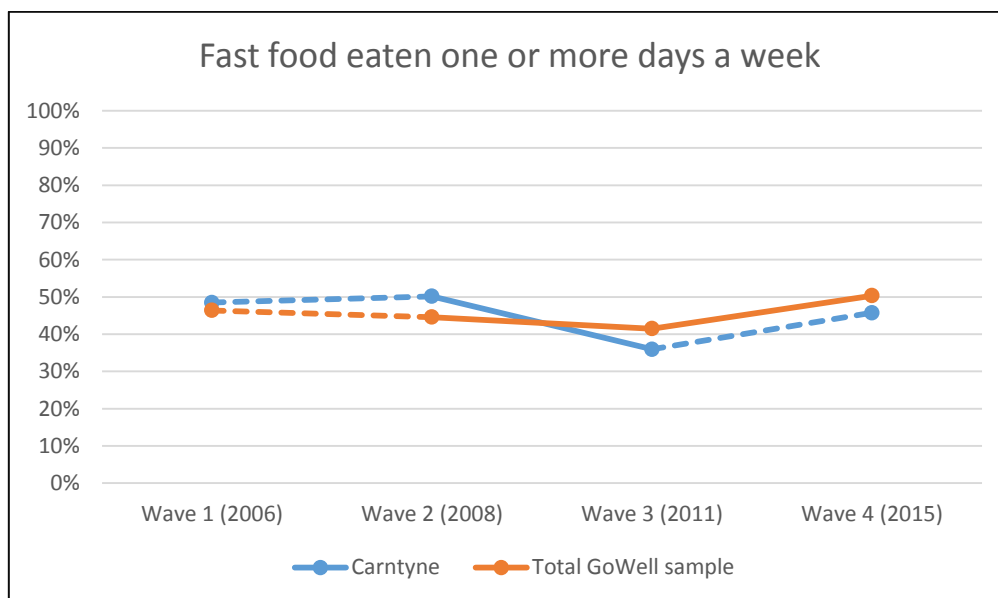
	Carntyne	Total sample
Wave 1	46.7%	42.3%
Wave 2	65.2%	62.0%
Wave 3	59.3%	58.6%
Wave 4	56.3%	59.7%
<i>p-value (wave 1 - wave 4)</i>	<i>0.127</i>	<i>0.000</i>

## Fast food meals

Respondents were asked: “On how many of the last seven days did you get your main meal from a take-away or fast-food shop or seller?”. The original responses ranged from ‘none/no main meal’ to the number of days in a week fast food was had, i.e. 1 to 7. In order to have a larger sample, we look at the combined percentage of 1-7 days a week, i.e. those who had a fast food main meal at least once in the week.

- The share of Carntyne respondents who had regular fast food main meals was 49% in wave 1 and ended up at 46%. This difference was not statistically significant.
- In the total GoWell sample, the figure increased from 46% to 50% by wave 4. This was a statistically significant change.
- There was a statistically significant difference between Carntyne and the total sample at wave 4 but not at wave 1.

**Figure 31: Residents having at least one fast food main meal in the last week.**



**Table 31. Residents having at least one fast food main meal in the last week, by wave.**

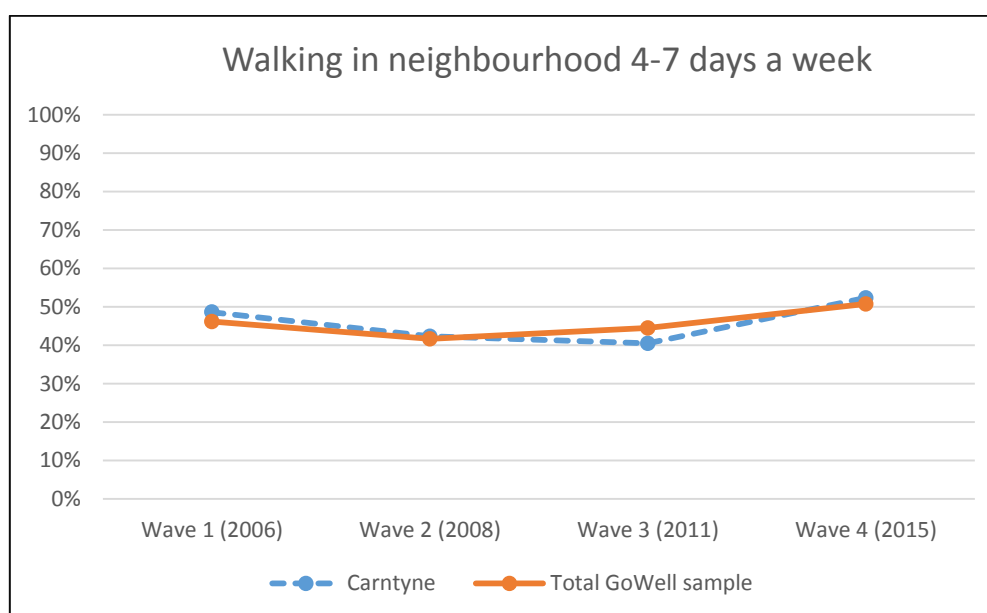
	Carntyne	Total sample
Wave 1	48.5%	46.4%
Wave 2	50.2%	44.6%
Wave 3	36.0%	41.5%
Wave 4	45.8%	50.3%
<i>p-value</i> (wave 1 - wave 4)	0.926	0.001

## Walking in neighbourhood

Respondents were asked about the frequency with which they walked locally. At wave 1, the question was posed as: ‘in a typical week, how many days do you go for walk around the neighbourhood’, and from wave 2 onwards as: “In the last seven days, on how many days did you walk in your neighbourhood for at least 20 minutes?”. In all cases, we examine the percentage who reported walking 4-7 days a week, i.e. most days.

- The percentage of respondents reporting regular walking in Carntyne remained around 50% at wave 1 and wave 4. The difference was not statistically significant.
- The figure was very similar in the total GoWell sample, with a statistically significant increase from 46% to 51% by wave 4.
- The difference between Carntyne and the total GoWell sample not statistically significant at wave 1 or at wave 4.

**Figure 32: Residents who walked in the neighbourhood most days.**



**Table 32: Residents who walked in the neighbourhood most days, by wave.**

	Carntyne	Total sample
Wave 1	48.6%	46.1%
Wave 2	42.3%	41.7%
Wave 3	40.5%	44.5%
Wave 4	52.3%	50.7%
<i>p-value</i> (wave 1 - wave 4)	0.847	0.000

## Appendix: Carntyne sample characteristics

Gender	Male	Female	n
Wave 1	46.7%	53.3%	336
Wave 2	47.4%	52.6%	267
Wave 3	47.4%	52.6%	247
Wave 4	46.9%	53.1%	213
Total	47.1%	52.9%	1,063

Age group	16-24	25-39	40-54	55-64	65+
Wave 1	7.5%	20.0%	27.2%	15.2%	30.1%
Wave 2	8.2%	20.2%	28.5%	14.2%	28.8%
Wave 3	5.7%	21.5%	29.6%	15.8%	27.5%
Wave 4	7.9%	21.5%	26.6%	17.8%	26.2%
Total	7.3%	20.7%	27.9%	15.6%	28.4%

Tenure	Owned	Social Rent	Private Rent
Wave 1	49.4%	46.4%	4.2%
Wave 2	51.3%	44.5%	4.2%
Wave 3	46.6%	46.2%	7.3%
Wave 4	42.0%	47.2%	10.8%
Total	47.7%	46.0%	6.2%

Citizenship	British	Not British
Wave 1	99.7%	0.3%
Wave 2	98.9%	1.1%
Wave 3	97.9%	2.1%
Wave 4	92.1%	7.9%
Total	97.5%	2.5%

Household Type	Single Adult	Multiple Adult	Single parent	Multiple adult family	Older person(s)
Wave 1	11.0%	29.2%	14.6%	15.5%	29.8%
Wave 2	15.7%	28.5%	14.2%	13.1%	28.5%
Wave 3	15.4%	30.4%	10.9%	16.6%	26.7%
Wave 4	12.1%	33.5%	9.2%	18.0%	27.2%
Total	13.4%	30.1%	12.6%	15.6%	28.2%