

A Baseline Survey of Environmental Issues on Bute

Presentation of Findings to Bute Residents



17th January 2010





Methodology

*Target of 25%
reduction in
carbon
emissions*

Carbon
Footprinting
Study

+

Baseline
Survey
• attitudes
• behaviour
• interest



Actions on
Bute to
address
climate
change

*Households (from edited Electoral Register)
Businesses
Farms*



Household Survey

Sample of 398 (320 postal, 63 telephone and 15 online)

Data accurate to +/- 4.5% (based on 2,224 households)

Data accurate to +/- 4.74% (based on 5,733 adults)

Attitudes to Environmental Issues

The Home

Getting Around

Recycling

Food

Getting Involved

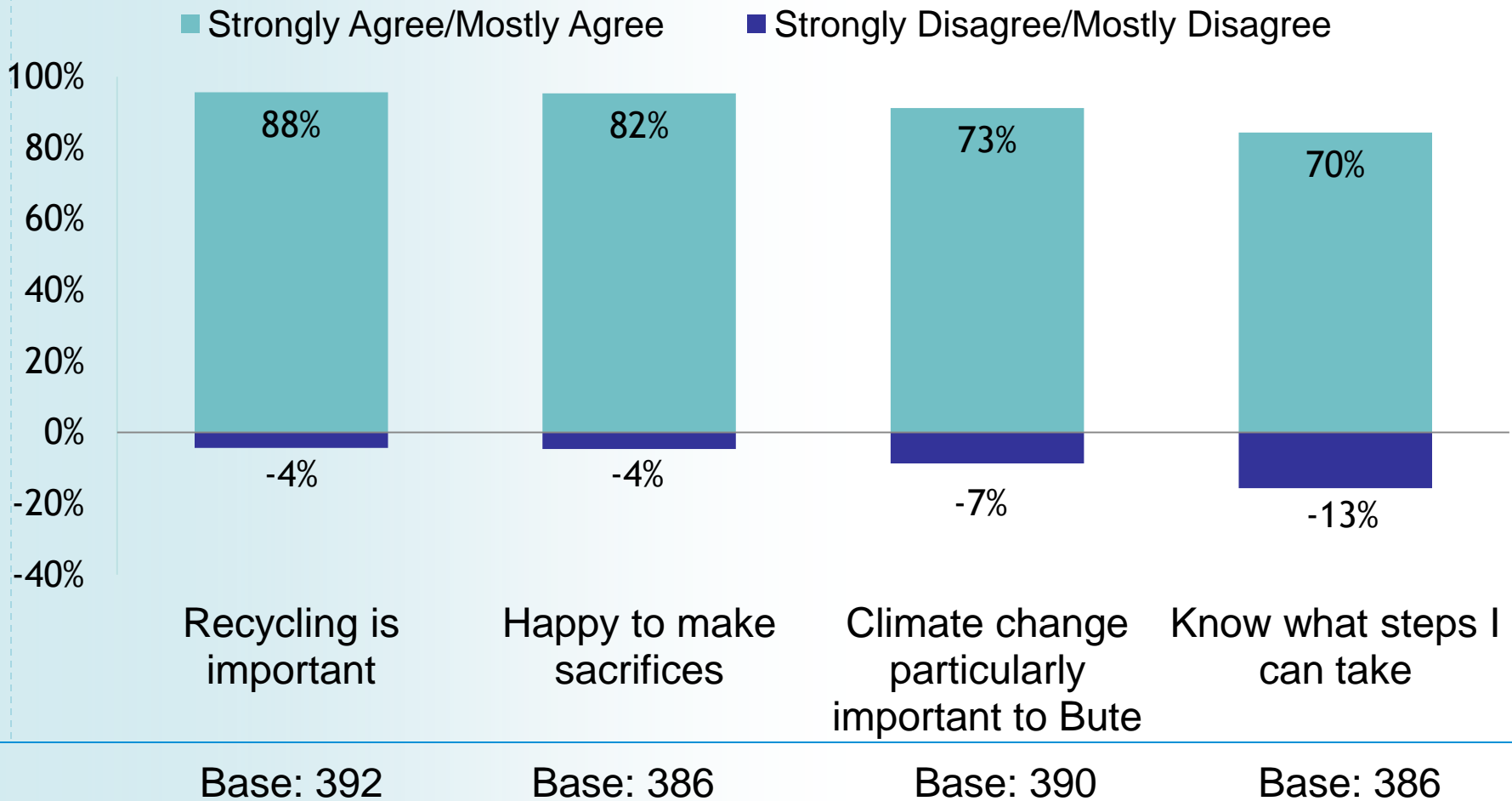


A Word on the Sample

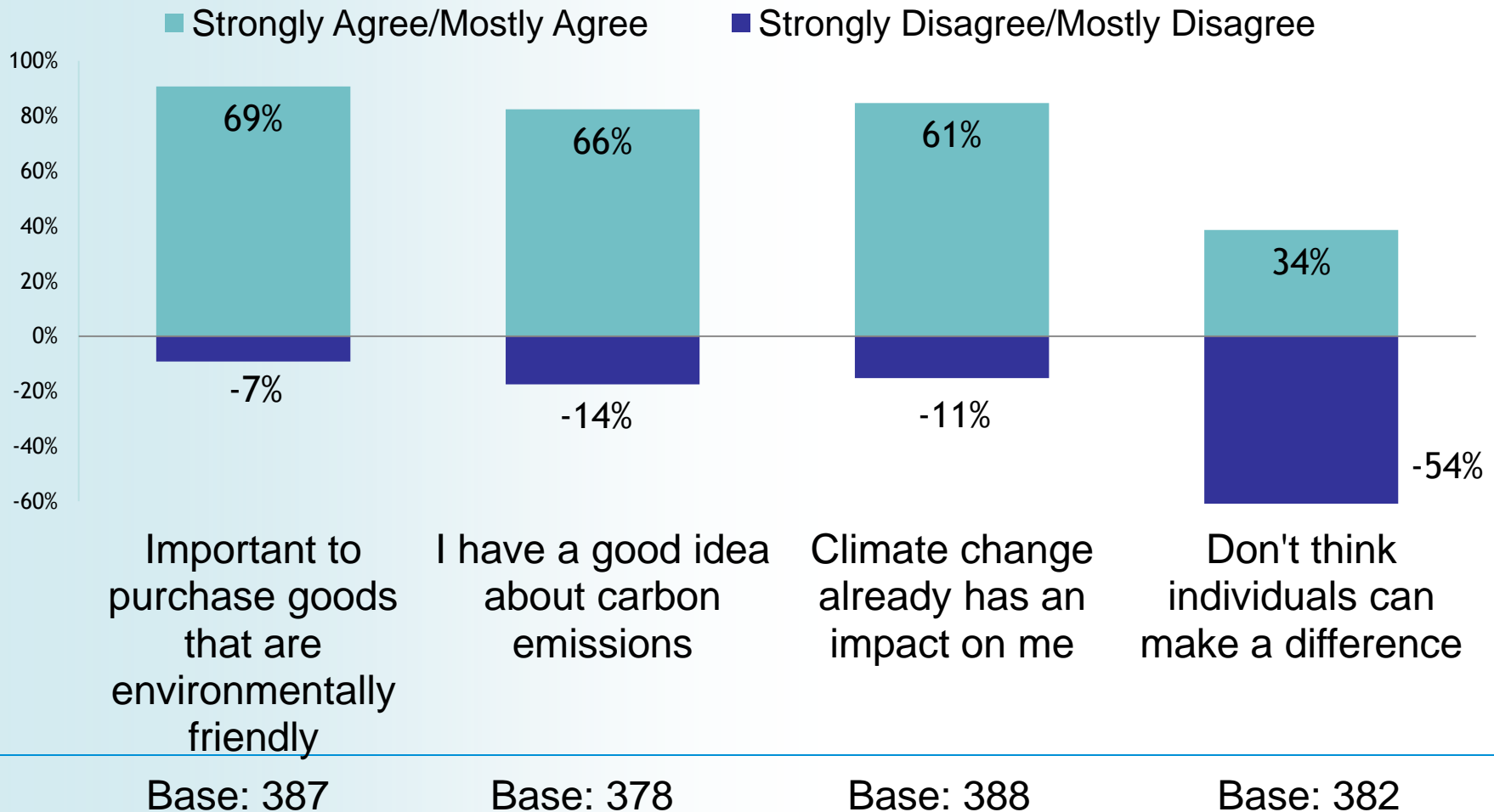
Demographic	2001 Census	This Survey
In employment	52%	33%
Aged 65+	35%	50%
Owner occupied	56%	72%

These distinctions will be accounted for in “weighting” of data for the carbon footprinting and other analysis.

Attitudes to Climate Change (1)

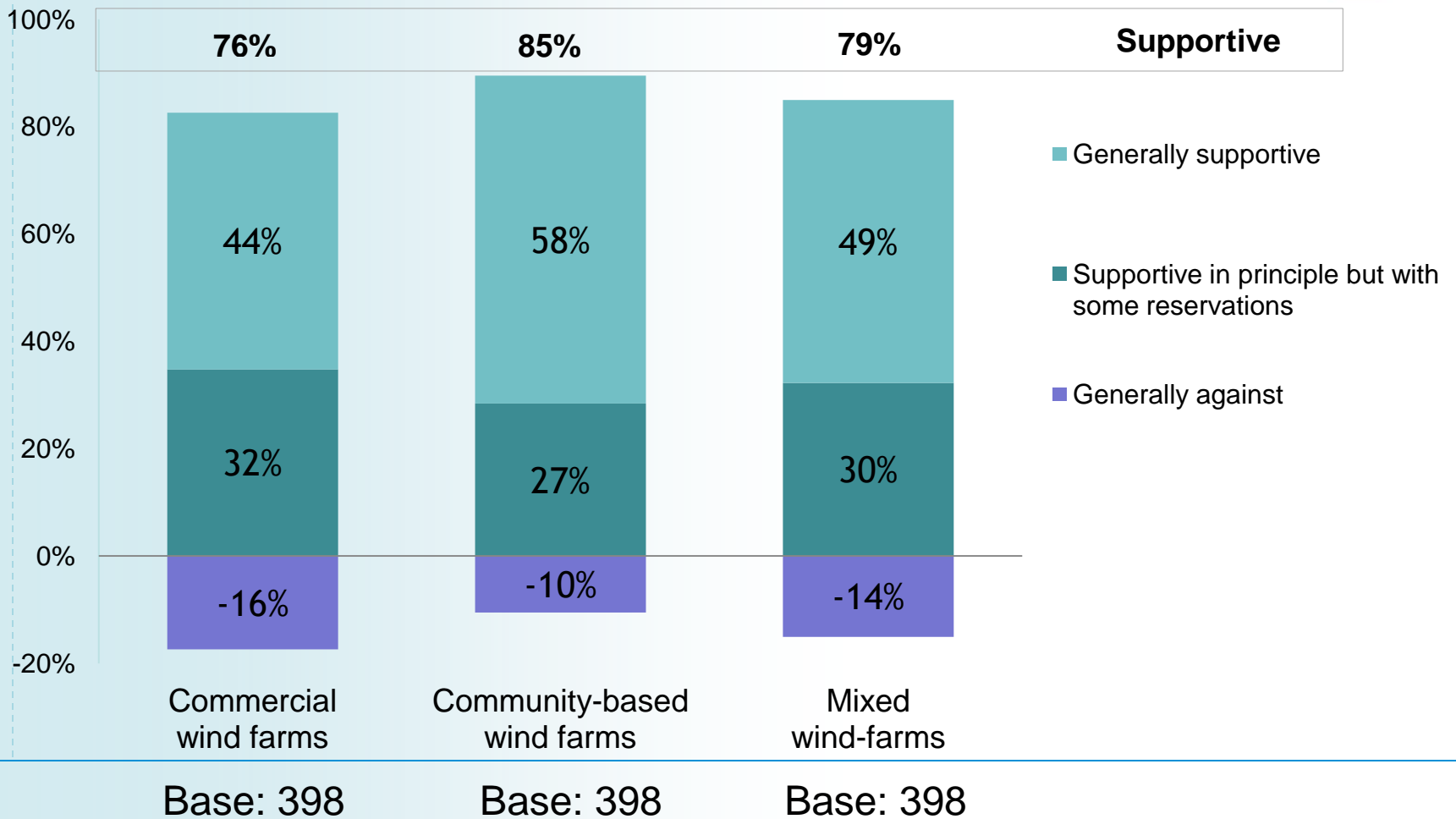


Attitudes to Climate Change (2)





Attitudes to Wind Farms



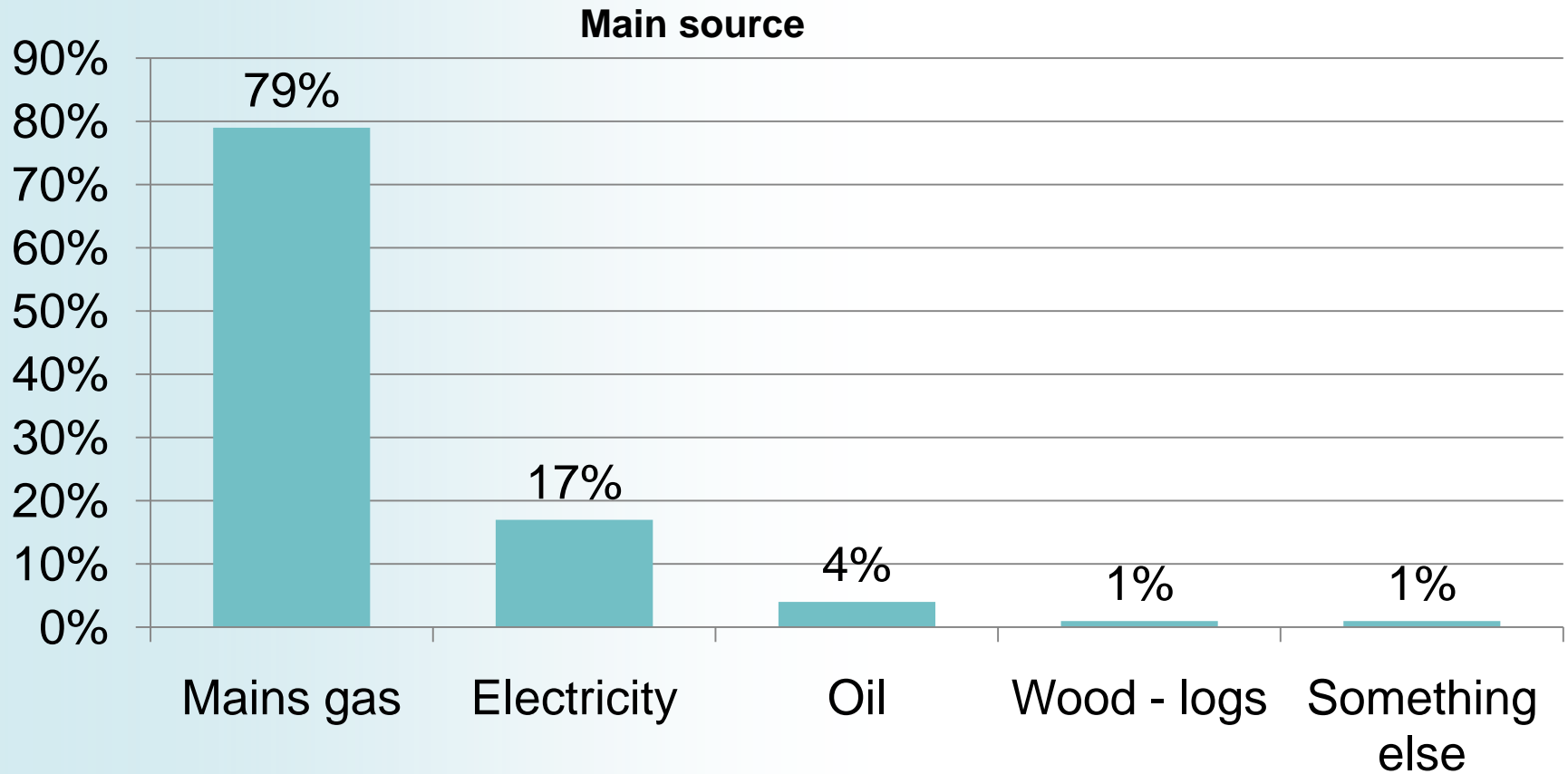


The Home

- 60% of homes built pre-1929
- 99% of respondents were from main family home*
- 52% of homes are flats
- 92% have central heating
 - 23% have a boiler aged 10 years+



Sources of Energy



Base: 382

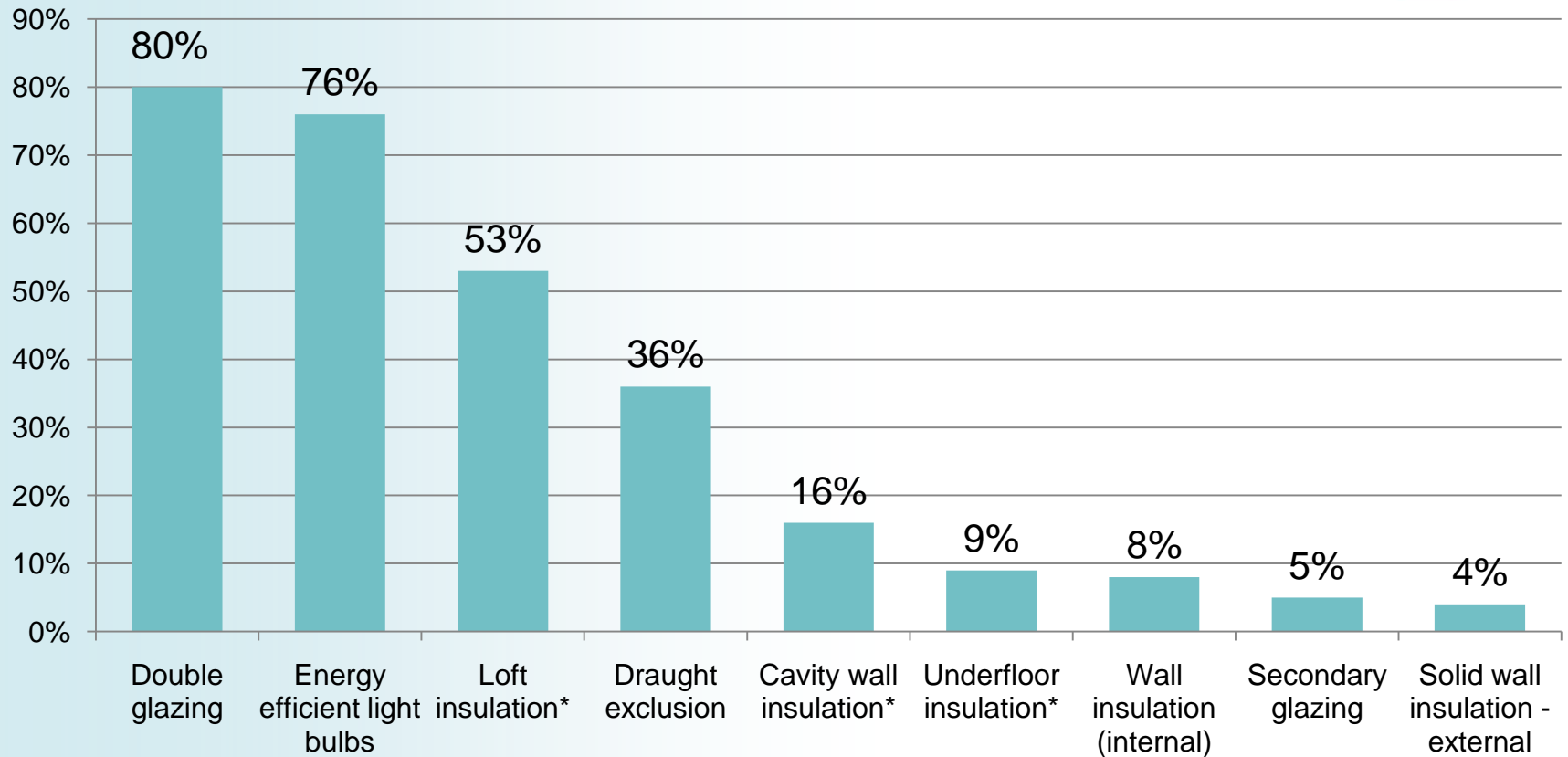


Sources of Energy

- Important additional sources are:
 - electricity and gas
 - wood logs (8% of the total)
 - coal (5% of the total)
 - bottled gas (3% of the total)
- No discernible use of renewable energy
- Additional fuel usually delivered to home (80%)



Energy Efficiency in the Home

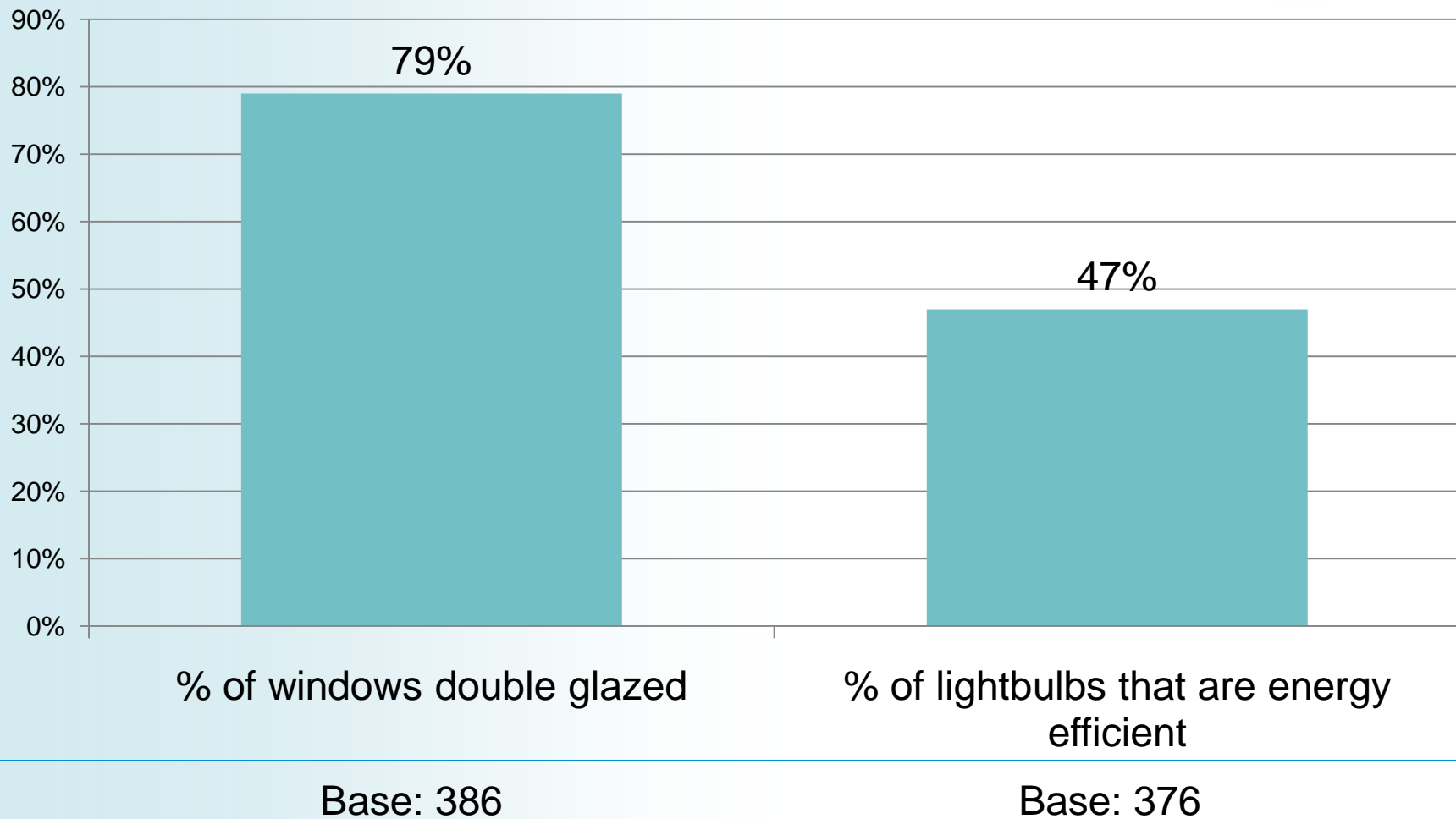


* Not always relevant

Base: 392



Energy Efficiency in the Home





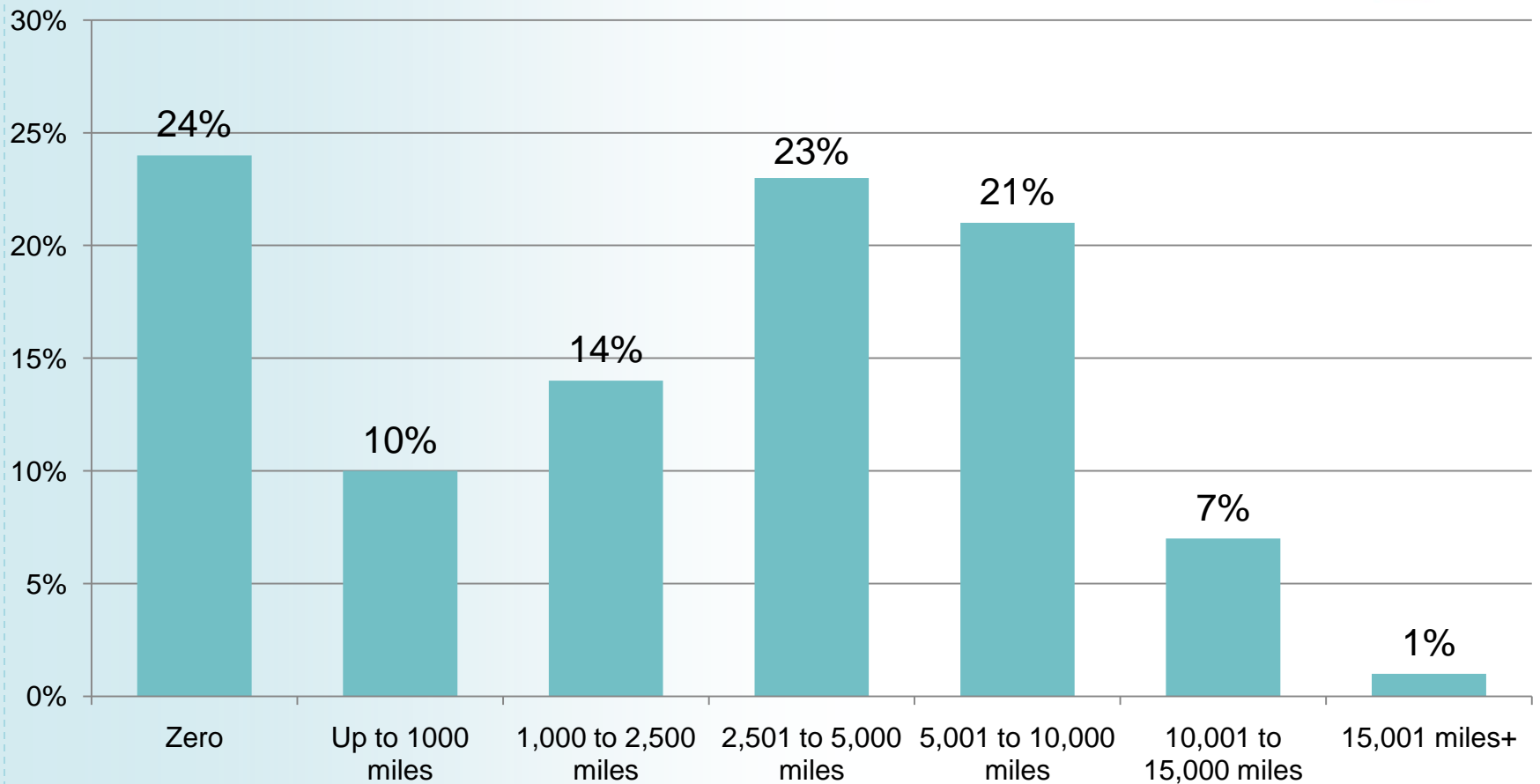
Getting Around

Journey distance and method of transport

Households	Base	Walk	Cycle	Public Transport	Car or other vehicle
A journey of less than half a mile	366	87%	-	1%	12%
A journey of between half a mile and one mile	348	59%	-	6%	35%
A journey of between one and two miles	348	25%	1%	17%	56%
A journey of between two and five miles	344	6%	3%	21%	70%
A journey of more than five miles	344	1%	1%	27%	72%



Estimated Miles Driven Per Year



Base: 335

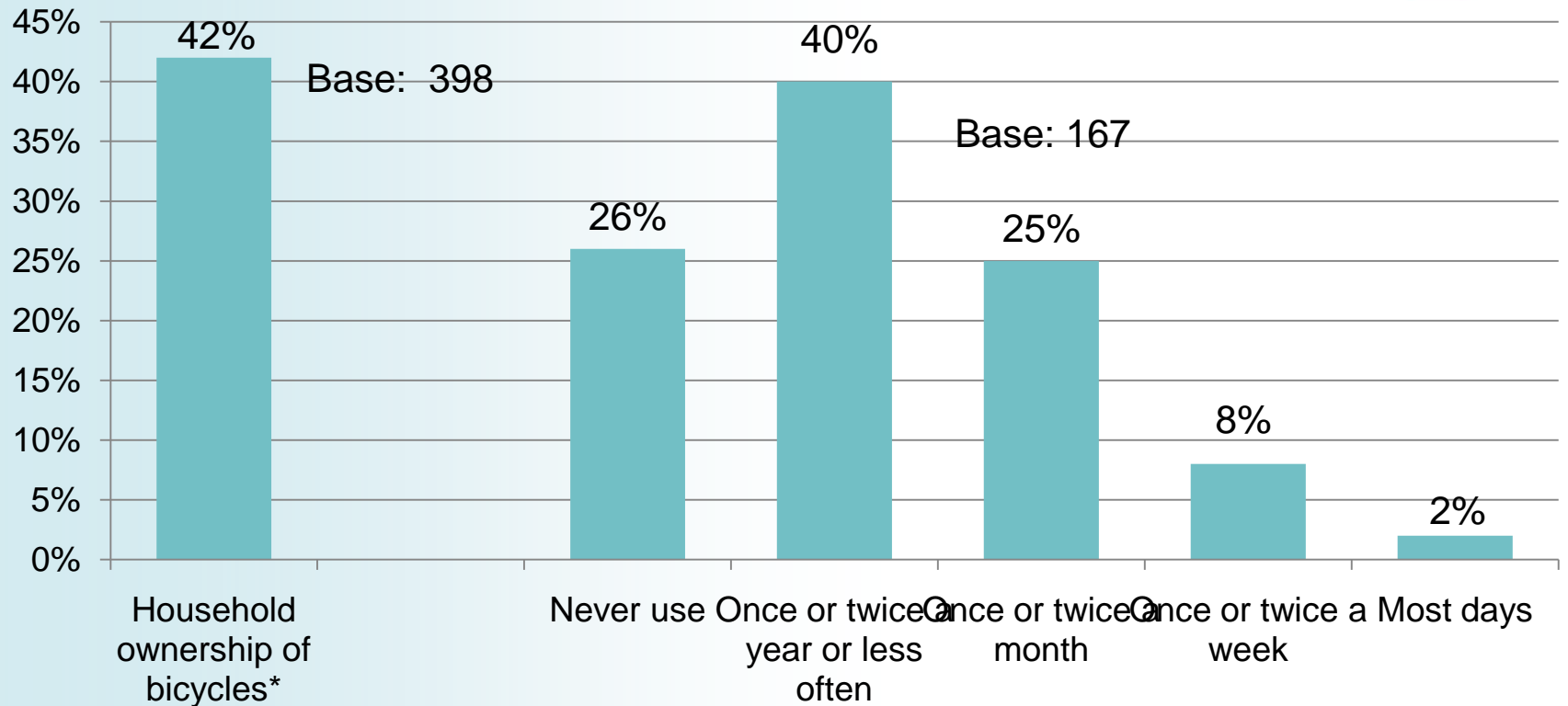


Estimated Miles Driven Per Year

- Overall mean is 3,959 miles
- For people who work it is 5,350 miles
- Only a small part of the sample commute daily
- More likely to visit the mainland once or twice a month (or less often)



Bicycles



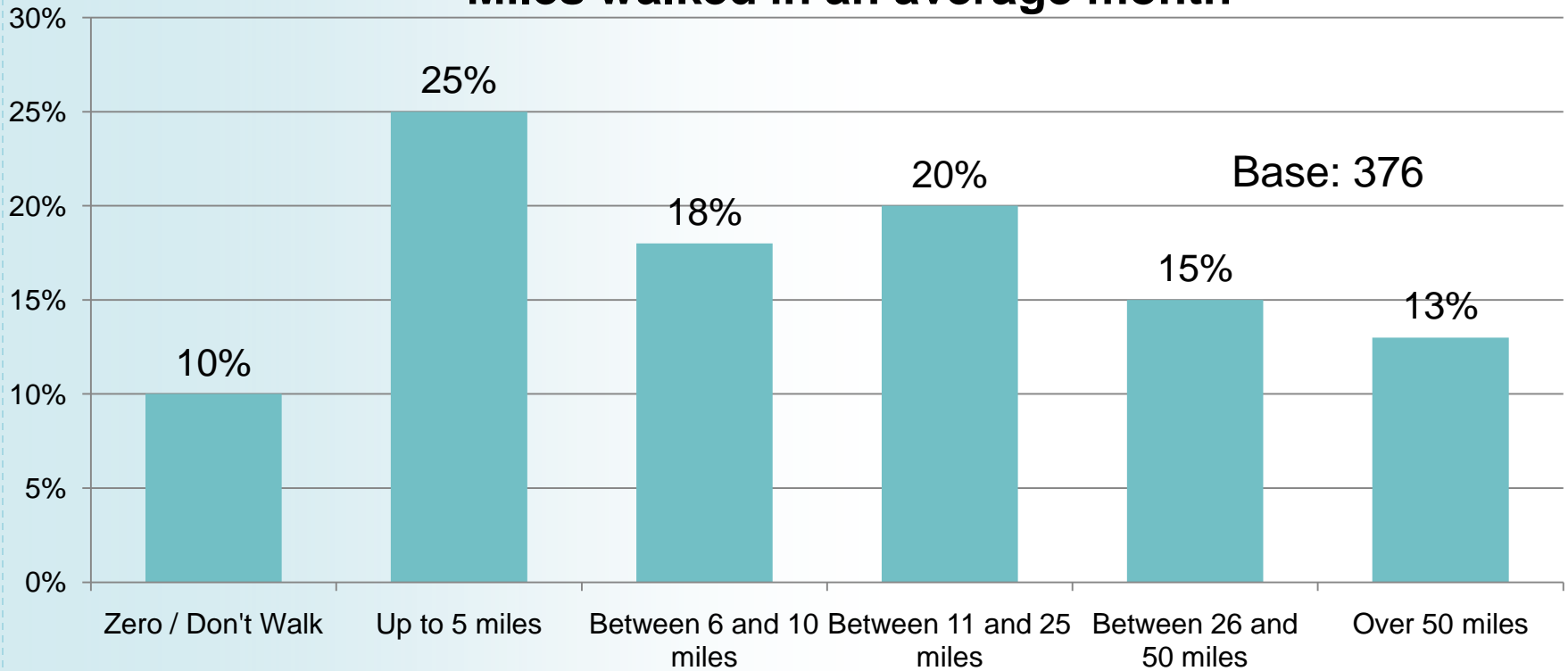
* On average 2 bikes for each of these households.

Main barriers are perceived to be fitness and “getting wet”.



Walking

Miles walked in an average month



The mean number of miles walked is 25



Public Transport

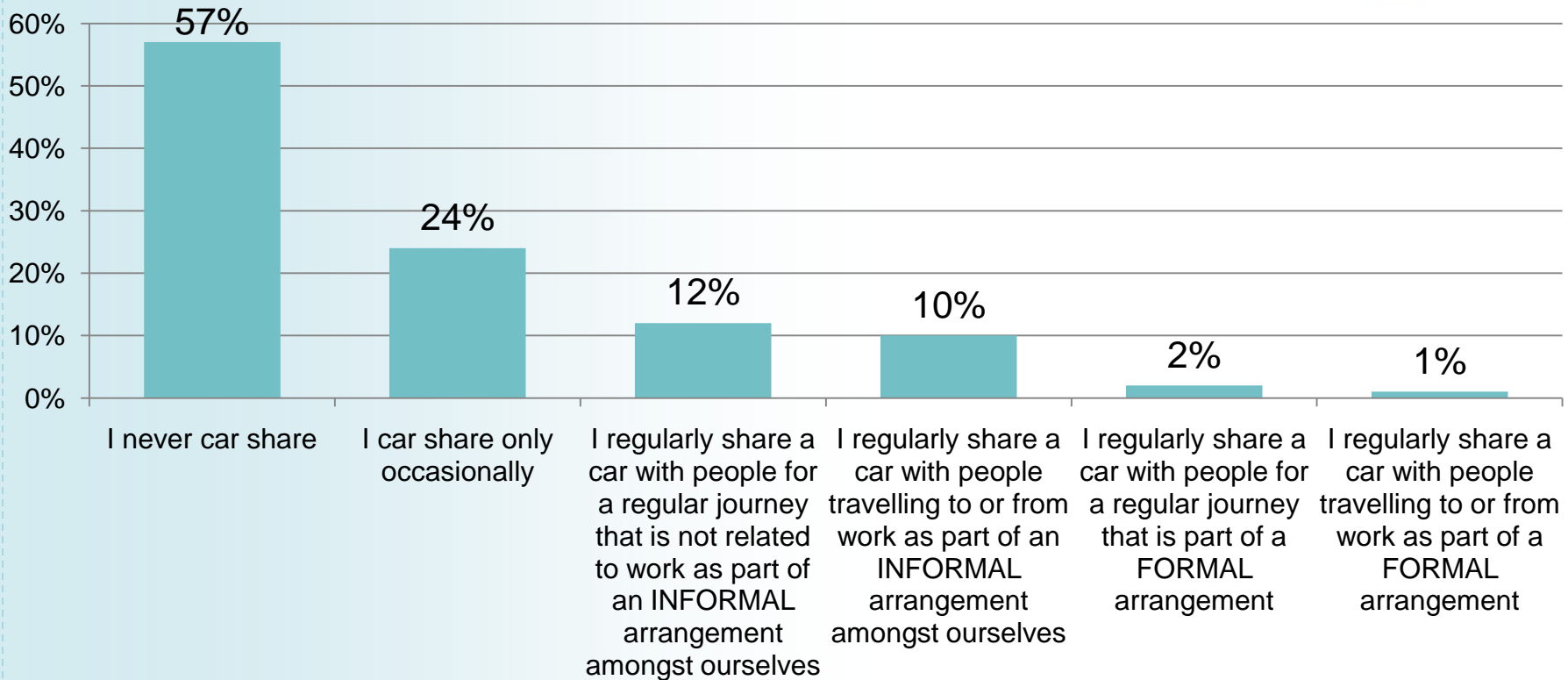
	Base	Most days (Monday to Friday)	Once or twice a week	Once or twice a month	Every few months	Less often than that	Never
Ferry	384	3%	21%	45%	22%	6%	3%
Bus	357	12%	17%	22%	15%	11%	24%
Train/ Underground	307	1%	5%	20%	32%	21%	21%

Main barrier is that using a car is more convenient.

On average, people had taken 1.67 flights (a return counts as 2 flights)



Car Sharing

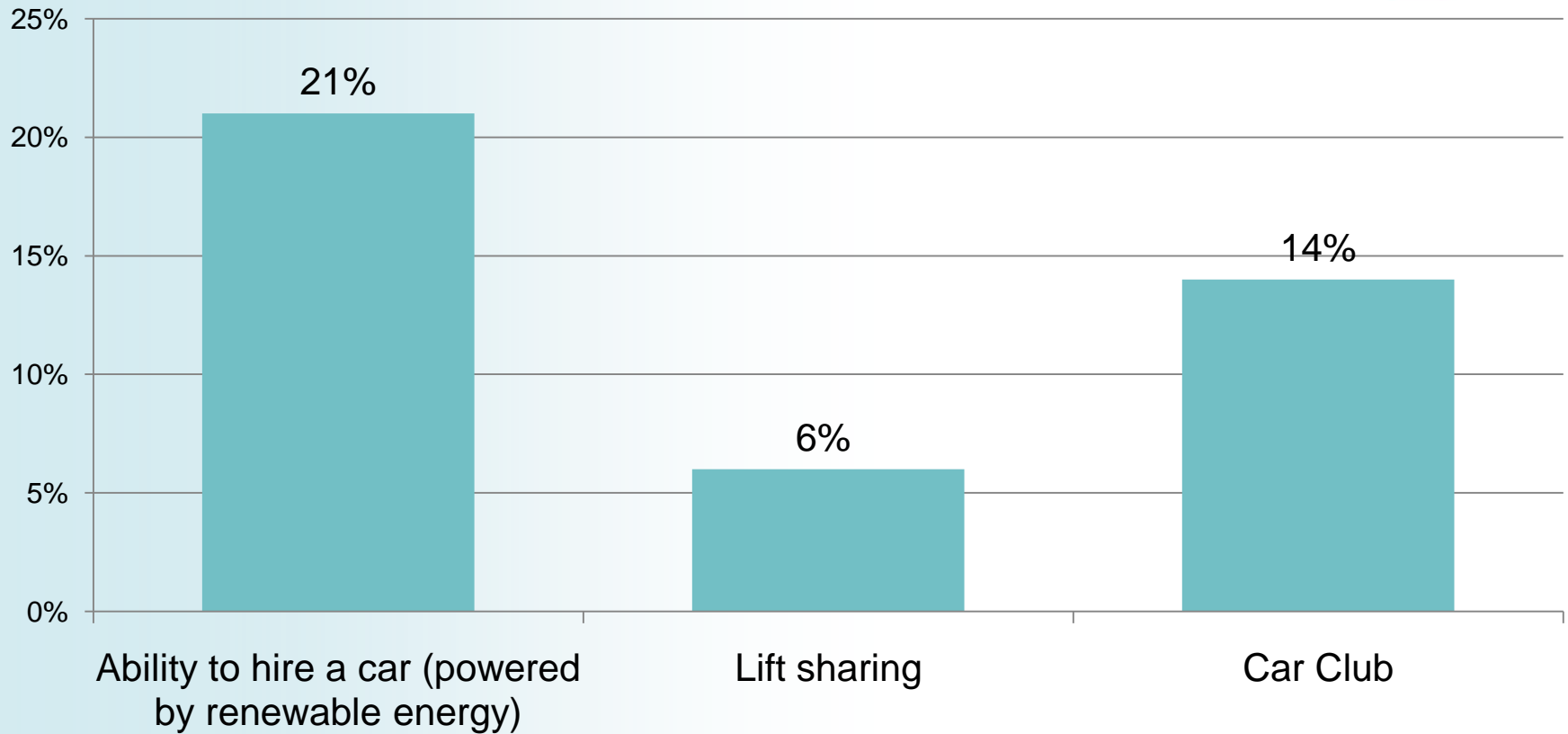


Main barriers are appropriateness to journey and having to rely on others

Base: 278



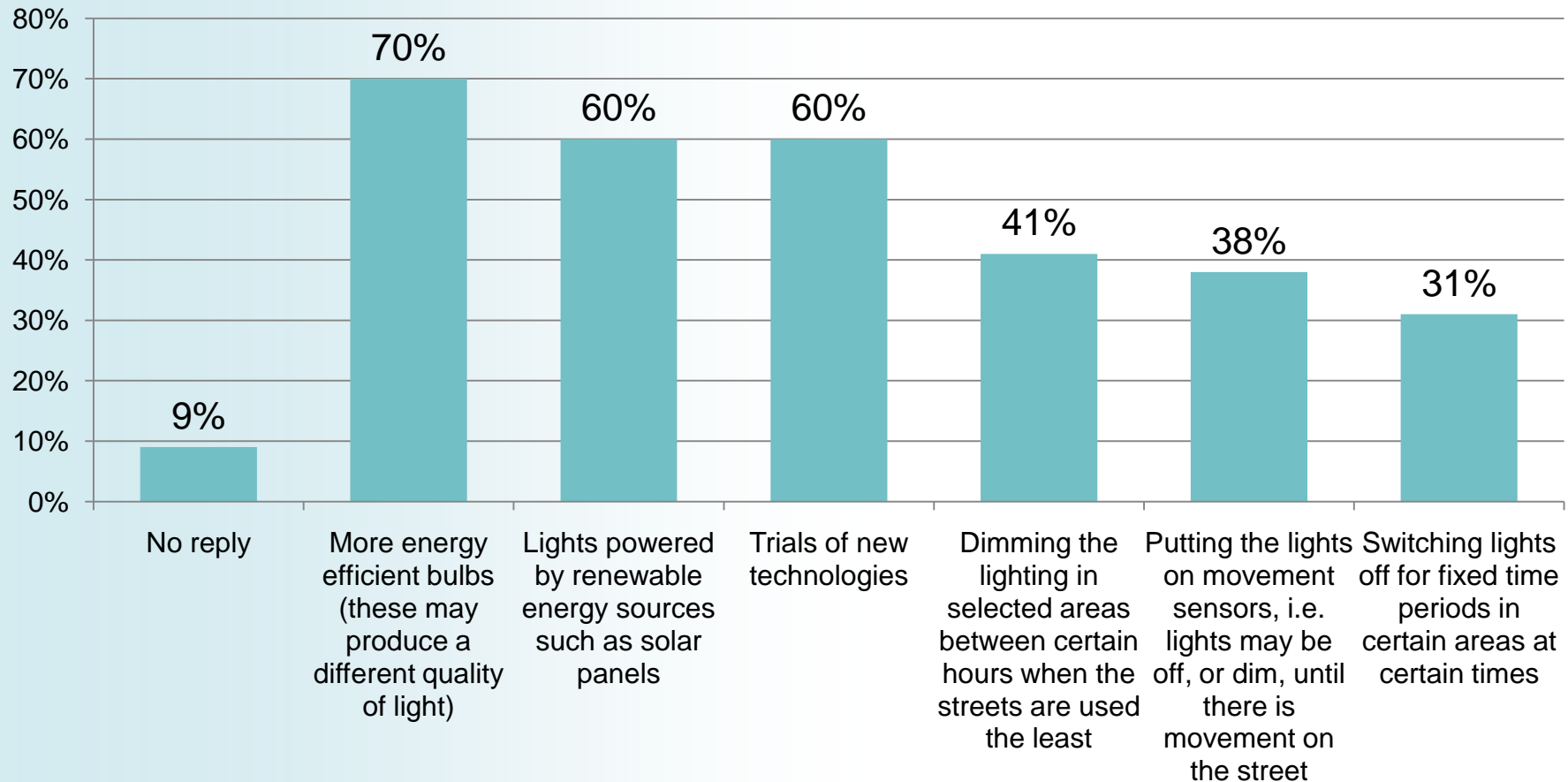
Interest in Car Sharing, Car Club, Car Hire



Base: 398



Street Lighting



Base: 398



Interest in Initiatives

	% of respondents	Number of Respondents	Extrapolation for Bute Population
Take part in a Community Panel	9%	37	516
Calculate your carbon footprint	14%	54	803
Home visit to advise you about energy efficiency	16%	62	356
Attend free workshops on carbon reduction	10%	38	573
Receive handy hints by post or email	33%	131	1892
Receive information about in-house energy generation	26%	105	578
Free insulation survey	15%	59	334
Volunteer with Revive Rothesay	2%	8	115
Volunteer with Bute Recycling Project	2%	8	115
Volunteer with Bute Produce	4%	15	229
Find out about having your recycling collected	9%	34	200

Business and Farms Survey

- 48 businesses responded from a total of 315
 - 39 businesses (from a total of 274)
 - 9 farm businesses (from a total of 41)
- Main business sectors:
 - Retail / wholesale (28%)
 - Hotels, catering, tourism (21%)
 - A diverse set of others
- Provides strong indicative data



Business Attitudes to Climate Change

Similar views to households except...

- Businesses less likely to believe climate change is impacting on their organisation (38%)
- Although farm businesses are more likely (89%)