# Climate Change and Health in Wales: 

## Views from the public

A demographic breakdown of data

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Natasha Judd, Sara Wood, Karen Hughes

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Mae'r adroddiad hwn ar gael yn Gymraeg / This report is available in Welsh.


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## 1. Introduction

The sixth Intergovernmental Panel on Climate Change (IPCC) report sets out that human activities have caused climate change, predominantly through emissions of greenhouse gases ${ }^{1}$. Climate change is affecting weather and climate extremes across the globe, leading to widespread adverse impacts and damage to nature and people. Thus, climate change is recognised as one of the biggest global threats of the $21^{\text {st }}$ century ${ }^{2}$.
In Wales, rising temperatures are projected to increase the frequency and severity of extreme weather events, including heatwaves, flooding and drought ${ }^{3}$. A health impact assessment found that climate change will affect all population groups in Wales, with some disadvantaged and vulnerable groups, such as those on low income, children and young people, and those living in coastal areas, experiencing disproportionate negative impacts ${ }^{4}$. Work to understand and mitigate climate change is gaining momentum in Wales. For example, the Net Zero Wales Plan sets out the actions that need to be taken to achieve decarbonisation in Wales by 20505. The first carbon budget was achieved, with greenhouse gas emissions decreasing to an average of $28 \%$ below 1990 levels between 2016 and 2020 .

To help create effective and acceptable approaches to climate change that protect public health, it is important to understand public perceptions of climate change and agreement with, or resistance to, policies that may be put in place in Wales to reduce emissions. In 2021/22, a national public survey was undertaken that explored concerns about climate change, perceived impacts on health, and views on actions to reduce or limit climate change (Box 1). Populationlevel findings from the survey were published in the report Climate change and health in Wales: Views from the public.

This second report aims to develop further understanding of public opinion on climate change through presenting a demographic breakdown of key questions from the national survey. These findings could help tailor awareness campaigns and inform the targeting of key messages and action on climate change in Wales.

## Box 1. National public survey on climate change in Wales

Between October 2021 and February 2022, a nationally representative public survey was conducted in Wales. Residents aged 16 years and over were eligible to take part. To overcome disruption of data collection due to COVID-19, three methods of data collection were used: face-to-face, telephone and online. A total of 2,269 residents took part: 947 face-to-face, 620 by telephone and 702 online. More information on the survey
 methods is available in the report Climate change and health in Wales: Views from the Public.

## About the data

Percentages presented in this report use weighted data (by age group, gender and deprivation quintile [based on the Welsh index of multiple deprivation]) to represent the Welsh population. Significant differences in responses between demographic groups were identified using multivariate analyses (generalised linear models: binary logistic regression), including age group, gender, deprivation quintile, location (rural or urban) and highest qualification (no qualifications, secondary school, college/sixth form, higher education/university and professional/work-related; abbreviated in graphs and tables as: "none", "secondary", "college/6th", "higher" and "professional"). Multivariate analyses used unweighted data.

## 2. Views about climate change: concern

Participants were asked, "How concerned are you about climate change, which is sometimes referred to as global warming?" Response options were: very concerned, fairly concerned, not very concerned, not at all concerned, I don't know what climate change is, and I don't believe in climate change.

82\% of participants said they were concerned (very or fairly concerned) about climate change, equivalent to 2.1 million people aged 16 years or over in Wales.

Proportion of participants reporting they are concerned (very or fairly concerned) about climate change. Weighted data. Data for all categories can be found in Appendix Table 1.

## by deprivation quintile



## by gender


by education (highest qualification)

by age group (years)


## by location



In multivariate analyses (see Appendix Table 1), females and those with higher levels of education were more likely to report being concerned about climate change.

There were no significant differences by deprivation quintile, age group or location.

## 3. Views about climate change: impact

Participants were asked, "Which of these describes your views about the impact of climate change in Wales?" Response options were: climate change will never have an impact in Wales, climate change will only have an impact for future generations, climate change is not yet having an impact, but will do in my lifetime, climate change is already having an impact, and don't know.
$61 \%$ of participants thought that climate change was already having an impact in Wales.
Proportion of participants who thought climate change was already having an impact in Wales. Weighted data. Data for all categories can be found in Appendix Table 2.

## by deprivation quintile


by gender

by education (highest qualification)

by age group (years)

by location


In multivariate analyses (see Appendix Table 2), females, individuals aged 5069, those with higher levels of education and those living in the mid and least deprived quintiles were more likely to report that climate change is already having an impact in Wales.

There were no significant differences by location.

## 4. The perceived impacts of climate change: health

Participants were asked, "How positive or negative do you think the effects of climate change will be on the health of people in Wales?" Response options were: mostly negative, equally positive and negative, mostly positive, and don't know.
$56 \%$ of participants thought the impact of climate change on health in Wales would be mostly negative.

Proportion of participants reporting each option. Weighted data. See Appendix Table 3. Percentages may not add up to $100 \%$ due to rounding.
$\square$ Mostly negative $\square$ Equally positive and negative $\square$ Mostly positive $\square$ Don't know

## by deprivation quintile


by gender


## by education (highest qualification)


by age group (years)

by location

In multivariate analyses (see Appendix Table 3), those living in the least deprived areas, younger age groups, and individuals with higher education qualifications were more likely to say that the impacts of climate change will be mostly negative.

There were no significant differences by location or gender.

## 5. The perceived impacts of climate change: main concerns

Participants were asked how they thought climate change may impact on a range of health issues [see Note 1 for the list of issues]. They were then asked, "Thinking about these potential impacts of climate change, which one would you be most concerned about?"

The most frequently cited top concern was the cost of heating a home (18\%), followed by the cost of food (14\%), access to health and care services (14\%), spread of infectious diseases (12\%), levels of mental ill-health (11\%) and levels of physical illness (11\%). The proportions selecting these concerns within each demographic group can be found in Appendix Table 4. The table below shows the top five concerns for each demographic group.

Top five concerns for each demographic group.

|  | Top concern | $2^{\text {nd }}$ concern | $3^{\text {rd }}$ concern | $4^{\text {th }}$ concern | $5^{\text {th }}$ concern |
| :---: | :---: | :---: | :---: | :---: | :---: |
| By deprivation quintile |  |  |  |  |  |
| 1 (Most) | Heating costs | Disease spread | Food costs | Health services | Mental ill-health |
| 2 | Heating costs | Food costs | Mental ill-health | Disease spread | Health services |
| 3 | Health services | Heating costs | Food costs | Physical illness | Mental ill-health |
| 4 | Health services | Heating costs | Food costs | Disease spread | Mental ill-health |
| 5 (Least) | Heating costs | Food costs | Disease spread | Health services | Physical illness |
| By age group (years) |  |  |  |  |  |
| 16-29 | Heating costs | Food costs | Mental ill-health | Disease spread | Physical illness |
| 30-49 | Heating costs | Food costs | Health services | Physical illness | Disease spread |
| 50-69 | Heating costs | Health services | Disease spread | Food costs | Physical illness |
| 70+ | Health services | Heating costs | Disease spread | Mental ill-health | Food costs |

By gender

| Male | Heating costs | Food costs | Health services | Disease spread | Mental ill-health |
| ---: | :---: | :---: | :---: | :---: | :---: |
| Female | Health services | Heating costs | Disease spread | Food costs | Mental ill-health |

## By location

| Urban | Heating costs | Food costs | Health services | Disease spread | Mental ill-health |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Rural | Heating costs | Health services | Food costs | Mental ill-health | Disease spread |

## By education (highest qualification)

| None | Heating costs | Food costs | Disease spread | Mental ill-health | Health services |
| ---: | :---: | :---: | :---: | :---: | :---: |
| Secondary <br> College/6th | Heating costs | Health services | Food costs | Disease spread | Mental ill-health |
| Higher | Heating costs | Heating costs | Mental ill-health | Disease spread | Food costs |
| Professional | Heating costs | Hhysical illness | Food costs | Health services | Disease spread |

Note 1: List of issues: levels of physical illness; spread of infectious diseases; insurance costs; opportunities for outdoor activities; immigration to the UK; the cost of heating a home; the supply of household water; air pollution; the cost of food; levels of mental ill-health; skin cancers; a sense of community in your local area; access to health and care services; tourism in Wales; and the cost of cooling a home.

## 6. Experience of ill-health

Participants were asked, "In the last five years, have you experienced ill-health caused by extreme weather?" Response options were: yes or no.
$20 \%$ of participants had experienced ill-health caused by extreme weather, equivalent to 516,471 people aged 16 years and over in Wales.

Proportion of participants who had experienced ill-health caused by extreme weather in the last five years. Weighted data. See Appendix Table 5.
by deprivation quintile

by gender

by education (highest qualification)

by age group (years)

by location


In multivariate analyses (see Appendix Table 5), those living in the most deprived areas and those aged 16-29 years were more likely to say they had experienced ill-health caused by extreme weather.

There were no significant differences by gender, education or location.

## 7. Actions to reduce or limit climate change: influence

Participants were asked, "How much influence, if any, do you think you personally can have on limiting climate change?" Response options were: a large influence, some influence, no influence, and don't know.

23\% of participants thought they could have no influence on limiting climate change, equivalent to 593,941 people aged 16 years or over in Wales.

Proportion of participants reporting each response. Weighted data. See Appendix Table 6. Percentages may not add up to $100 \%$ due to rounding.

by education (highest qualification)


In multivariate analyses (see Appendix Table 6), males, those aged 70+ years and those with no qualifications were more likely to say they could have no influence on limiting climate change.

There were no significant differences by deprivation quintile or location.

## 8. Actions to reduce or limit climate change: policies

Participants were asked how much they agreed with a range of policies to help tackle climate change. The percentage of people strongly agreeing with a policy ranged from $63 \%$ for cheaper and more access to renewable energy; improving public transport; and laws to reduce the use of plastic packaging, to $10 \%$ for increasing fuel prices for cars.

Proportion of participants who strongly agree with each policy. Weighted data. Data for all policies and categories can be found in Appendix Table 7.


Cheaper / more access
to renewable energy
Improving public
transport

Laws to reduce use of plastic packaging

companies contributing to global warming More cycle / safe walking routes Subsidised prices and better facilities for electric cars
By deprivation quintile

| 1 (Most) | $55 \%$ | $59 \%$ | $52 \%$ | $47 \%$ | $48 \%$ | $37 \%$ | $41 \%$ | $31 \%$ | $9 \%$ |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | $68 \%$ | $64 \%$ | $60 \%$ | $54 \%$ | $45 \%$ | $42 \%$ | $36 \%$ | $34 \%$ | $13 \%$ |
| 3 | $62 \%$ | $60 \%$ | $64 \%$ | $61 \%$ | $50 \%$ | $44 \%$ | $39 \%$ | $33 \%$ | $10 \%$ |
| 4 | $67 \%$ | $66 \%$ | $70 \%$ | $64 \%$ | $53 \%$ | $49 \%$ | $43 \%$ | $37 \%$ | $10 \%$ |
| 5 (Least) | $61 \%$ | $64 \%$ | $66 \%$ | $60 \%$ | $49 \%$ | $48 \%$ | $44 \%$ | $34 \%$ | $7 \%$ |

By age group (years)

| $16-29$ | $63 \%$ | $68 \%$ | $61 \%$ | $55 \%$ | $52 \%$ | $46 \%$ | $45 \%$ | $32 \%$ | $9 \%$ |
| ---: | ---: | ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $30-49$ | $61 \%$ | $59 \%$ | $60 \%$ | $55 \%$ | $48 \%$ | $44 \%$ | $36 \%$ | $33 \%$ | $9 \%$ |
| $50-69$ | $67 \%$ | $65 \%$ | $65 \%$ | $61 \%$ | $51 \%$ | $46 \%$ | $43 \%$ | $35 \%$ | $9 \%$ |
| $70+$ | $57 \%$ | $60 \%$ | $65 \%$ | $58 \%$ | $44 \%$ | $39 \%$ | $38 \%$ | $34 \%$ | $12 \%$ |

By gender

| Male | $64 \%$ | $62 \%$ | $64 \%$ | $58 \%$ | $46 \%$ | $46 \%$ | $41 \%$ | $37 \%$ | $11 \%$ |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Female | $61 \%$ | $63 \%$ | $61 \%$ | $56 \%$ | $52 \%$ | $42 \%$ | $40 \%$ | $30 \%$ | $9 \%$ |

By location

| Urban | $63 \%$ | $63 \%$ | $61 \%$ | $58 \%$ | $49 \%$ | $43 \%$ | $42 \%$ | $33 \%$ | $10 \%$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rural | $63 \%$ | $62 \%$ | $66 \%$ | $57 \%$ | $49 \%$ | $46 \%$ | $38 \%$ | $34 \%$ | $9 \%$ |

By education (highest qualification)

| None | $46 \%$ | $58 \%$ | $53 \%$ | $54 \%$ | $41 \%$ | $31 \%$ | $41 \%$ | $27 \%$ | $7 \%$ |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Secondary | $63 \%$ | $57 \%$ | $58 \%$ | $53 \%$ | $46 \%$ | $41 \%$ | $39 \%$ | $41 \%$ | $10 \%$ |
| College/6th | $58 \%$ | $60 \%$ | $63 \%$ | $57 \%$ | $48 \%$ | $42 \%$ | $37 \%$ | $30 \%$ | $9 \%$ |
| Higher | $67 \%$ | $70 \%$ | $66 \%$ | $61 \%$ | $53 \%$ | $48 \%$ | $42 \%$ | $30 \%$ | $10 \%$ |
| Professional | $73 \%$ | $61 \%$ | $68 \%$ | $58 \%$ | $49 \%$ | $51 \%$ | $44 \%$ | $41 \%$ | $11 \%$ |

## 9. Appendix

Table 1: How concerned are you about climate change, which is sometimes referred to as global warming? Weighted proportion providing each response. Percentages may not add up to $100 \%$ due to rounding. Multivariate analyses use unweighted data.

| Proportion in each category |  |  |  |  |  |  | Multivariate analysis. <br> Odds of being very or fairly concerned compared to all other responses |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Very concerned | Fairly concerned | Not very concerned | Not at all concerned | I don't know what climate change is | I don't believe in climate change | Adjusted odds ratio (95\% confidence interval). Ref means reference category | P-value |
| Total | 44.2\% | 38.1\% | 11.0\% | 5.1\% | 0.6\% | 1.0\% |  |  |
| Gender |  |  |  |  |  |  |  | <0.001 |
| Male | 43.5\% | 33.6\% | 14.2\% | 7.2\% | 0.3\% | 1.2\% | Ref |  |
| Female | 44.9\% | 42.4\% | 7.9\% | 3.0\% | 0.9\% | 0.9\% | 1.824 (1.446-2.301) | <0.001 |
| Age group (years) |  |  |  |  |  |  |  | 0.160 |
| 16 to 29 | 42.6\% | 35.3\% | 14.8\% | 6.3\% | 0.2\% | 0.8\% | Ref |  |
| 30 to 49 | 38.7\% | 45.8\% | 9.4\% | 4.5\% | 0.6\% | 0.9\% | 1.416 (0.949-2.113) | 0.416 |
| 50 to 69 | 46.5\% | 35.9\% | 10.6\% | 5.4\% | 0.4\% | 1.1\% | 1.346 (0.919-1.970) | 0.127 |
| 70 plus | 50.5\% | 33.4\% | 9.7\% | 4.3\% | 0.9\% | 1.2\% | 1.595 (1.058-2.405) | 0.026 |
| Deprivation quintile |  |  |  |  |  |  |  | 0.069 |
| (most deprived) 1 | 34.3\% | 39.0\% | 12.5\% | 11.6\% | 1.4\% | 1.2\% | Ref |  |
| 2 | 46.5\% | 36.5\% | 11.3\% | 4.1\% | 0.2\% | 1.4\% | 1.426 (1.010-2.013) | 0.043 |
| 3 | 44.6\% | 38.4\% | 10.2\% | 4.7\% | 0.4\% | 1.7\% | 1.365 (0.962-1.938) | 0.081 |
| 4 | 45.8\% | 41.3\% | 9.4\% | 2.1\% | 0.9\% | 0.4\% | 1.567 (1.075-2.284) | 0.020 |
| (least deprived) 5 | 48.8\% | 35.2\% | 11.9\% | 3.5\% | 0.2\% | 0.4\% | 1.604 (1.114-2.310) | 0.011 |
| Location |  |  |  |  |  |  |  | 0.201 |
| Urban | 42.9\% | 37.9\% | 12.0\% | 5.5\% | 0.6\% | 1.1\% | Ref |  |
| Rural | 47.2\% | 38.6\% | 8.7\% | 4.1\% | 0.5\% | 0.9\% | 1.192 (0.911-1.561) | 0.201 |
| Education (highest qualific | ion) |  |  |  |  |  |  | <0.001 |
| None | 31.3\% | 34.9\% | 18.1\% | 10.8\% | 2.4\% | 2.4\% | Ref |  |
| Secondary | 37.0\% | 40.1\% | 12.7\% | 8.5\% | 0.4\% | 1.4\% | 1.508 (1.018-2.234) | 0.040 |
| College or $6^{\text {th }}$ form | 39.9\% | 40.5\% | 14.5\% | 3.3\% | 1.2\% | 0.6\% | 1.737 (1.146-2.632) | 0.009 |
| Higher education | 54.4\% | 34.8\% | 6.8\% | 3.2\% | 0.1\% | 0.7\% | 3.073 (2.023-4.669) | <0.001 |
| Professional qualifications | 43.3\% | 43.8\% | 8.4\% | 3.4\% | 0.0\% | 1.1\% | 2.566 (1.507-4.370) | <0.001 |

Table 2: Which of these describes your views about the impact of climate change in Wales? Weighted proportion providing each response.
Data excludes those reporting they don't believe in climate change. Percentages may not add up to 100\% due to rounding. Multivariate analyses use unweighted data.

| Proportion in each category |  |  |  |  |  | Multivariate analysis. Odds of reporting that climate change "is already having an impact" compared to all other responses |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Is already having an impact | Is not yet having an impact, but will do in my lifetime | Will only have an impact for future generations | Will never have an impact | $\stackrel{1}{\text { don't }}$ know | Adjusted odds ratio (95\% confidence interval). Ref means reference category | P-value |
| Total | 60.5\% | 13.1\% | 20.9\% | 2.5\% | 2.9\% |  |  |
| Gender |  |  |  |  |  |  | 0.026 |
| Male | 56.3\% | 13.4\% | 23.9\% | 3.4\% | 3.0\% | Ref |  |
| Female | 64.6\% | 12.9\% | 18.0\% | 1.8\% | 2.7\% | 1.224 (1.024-1.462) | 0.026 |
| Age group (years) |  |  |  |  |  |  | <0.001 |
| 16 to 29 | 59.5\% | 17.3\% | 19.0\% | 2.3\% | 1.9\% | 1.277 (0.929-1.754) | 0.132 |
| 30 to 49 | 57.1\% | 18.1\% | 19.8\% | 1.6\% | 3.4\% | Ref |  |
| 50 to 69 | 66.3\% | 8.5\% | 18.9\% | 3.3\% | 3.0\% | 1.555 (1.238-1.954) | <0.001 |
| 70 plus | 57.4\% | 8.6\% | 28.2\% | 2.9\% | 2.9\% | 1.096 (0.854-1.407) | 0.471 |
| Deprivation quintile |  |  |  |  |  |  | 0.004 |
| (most deprived) 1 | 52.6\% | 13.6\% | 25.1\% | 4.5\% | 4.1\% | Ref |  |
| 2 | 58.6\% | 15.4\% | 22.5\% | 1.4\% | 2.1\% | 1.092 (0.829-1.438) | 0.531 |
| 3 | 67.6\% | 10.6\% | 16.2\% | 3.5\% | 2.2\% | 1.447 (1.088-1.925) | 0.011 |
| 4 | 58.8\% | 13.4\% | 23.7\% | 1.3\% | 2.8\% | 0.918 (0.688-1.225) | 0.562 |
| (least deprived) 5 | 64.2\% | 12.8\% | 17.7\% | 2.2\% | 3.1\% | 1.372 (1.031-1.826) | 0.030 |
| Location |  |  |  |  |  |  | 0.393 |
| Urban | 59.2\% | 13.6\% | 21.3\% | 3.0\% | 2.9\% | Ref |  |
| Rural | 63.8\% | 12.0\% | 20.1\% | 1.5\% | 2.6\% | 1.092 (0.893-1.334) | 0.393 |
| Education (highest qualification |  |  |  |  |  |  | 0.001 |
| None | 45.1\% | 11.7\% | 29.6\% | 7.4\% | 6.2\% | Ref |  |
| Secondary | 52.1\% | 12.3\% | 27.3\% | 3.8\% | 4.5\% | 1.092 (0.776-1.537) | 0.613 |
| College or $6^{\text {th }}$ form | 59.4\% | 13.6\% | 23.9\% | 0.8\% | 2.4\% | 1.415 (0.991-2.019) | 0.056 |
| Higher education | 68.4\% | 13.5\% | 14.6\% | 1.8\% | 1.7\% | 2.087 (1.477-2.950) | <0.001 |
| Professional qualifications | 67.6\% | 13.6\% | 14.2\% | 2.8\% | 1.7\% | 2.302 (1.502-3.526) | <0.001 |

Table 3: How positive or negative do you think the effects of climate change will be on the health of people in Wales? Weighted proportion providing each response. Data excludes those reporting they don't believe in climate change. Percentages may not add up to $100 \%$ due to rounding. Multivariate analyses use unweighted data.

| Proportion in each categor |  |  |  |  | Multivariate analysis. <br> Odds of reporting "Mostly negative" compared to all other responses |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mostly negative | Equally positive and negative | Mostly positive | I don't know | Adjusted odds ratio (95\% confidence interval). Ref means reference category | P-value |
| Total | 55.8\% | 29.1\% | 8.0\% | 7.1\% |  |  |
| Gender |  |  |  |  |  | 0.065 |
| Male Female | $\begin{aligned} & 53.5 \% \\ & 58.0 \% \end{aligned}$ | $\begin{aligned} & 31.1 \% \\ & 27.1 \% \end{aligned}$ | $\begin{aligned} & 8.5 \% \\ & 7.5 \% \end{aligned}$ | $\begin{aligned} & 6.9 \% \\ & 7.4 \% \end{aligned}$ | $\begin{gathered} \text { Ref } \\ 1.177(0.990-1.400) \end{gathered}$ | 0.065 |
| Age group (years) |  |  |  |  |  | <0.001 |
| 16 to 29 | 62.7\% | 26.2\% | 5.1\% | 6.1\% | Ref |  |
| 30 to 49 | 60.1\% | 27.9\% | 5.9\% | 6.1\% | 0.888 (0.647-1.219) | 0.464 |
| 50 to 69 | 53.1\% | 31.2\% | 8.4\% | 7.3\% | 0.681 (0.501-0.926) | 0.014 |
| 70 plus | 45.9\% | 30.9\% | 13.6\% | 9.6\% | 0.555 (0.401-0.768) | <0.001 |
| Deprivation quintile |  |  |  |  |  | 0.016 |
| (most deprived) 1 | 50.7\% | 31.6\% | 6.9\% | 10.8\% | Ref |  |
| 2 | 52.0\% | 33.3\% | 9.4\% | 5.3\% | 0.955 (0.727-1.253) | 0.737 |
| 3 | 58.5\% | 28.1\% | 7.3\% | 6.0\% | 1.116 (0.846-1.473) | 0.437 |
| 4 | 54.7\% | 30.8\% | 8.6\% | 5.8\% | 0.989 (0.743-1.315) | 0.938 |
| (least deprived) 5 | 62.5\% | 21.9\% | 7.5\% | 8.2\% | 1.460 (1.103-1.932) | 0.008 |
| Location |  |  |  |  |  | 0.387 |
| Urban | 55.2\% | 29.2\% | 8.1\% | 7.5\% | Ref |  |
| Rural | 57.1\% | 28.7\% | 7.8\% | 6.4\% | 1.090 (0.897-1.324) | 0.387 |
| Education (highest qualifica |  |  |  |  |  | <0.001 |
| None | 40.1\% | 31.5\% | 13.0\% | 15.4\% | Ref |  |
| Secondary | 49.4\% | 33.3\% | 8.4\% | 8.9\% | 1.067 (0.757-1.504) | 0.710 |
| College or $6^{\text {th }}$ form | 52.5\% | 34.3\% | 7.5\% | 5.7\% | 1.129 (0.792-1.610) | 0.502 |
| Higher education | 66.1\% | 22.0\% | 6.1\% | 5.8\% | 1.903 (1.351-2.682) | <0.001 |
| Professional qualifications | 53.1\% | 30.9\% | 11.4\% | 4.6\% | 1.370 (0.910-2.062) | 0.131 |

Table 4: Which of the potential impacts of climate change would you be most concerned about? Weighted proportion providing each response (top 6 overall concerns only). Data excludes those reporting they don't believe in climate change. Percentages may not add up to $100 \%$ due to rounding.

| Proportion in each category |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Costs of heating a home | Cost of food | Access to health and care services | Spread of infectious diseases | Levels of mental ill-health | Levels of physical illness |
| Total | 17.6\% | 14.2\% | 13.6\% | 11.8\% | 10.9\% | 10.6\% |
| Gender |  |  |  |  |  |  |
| Male | 19.5\% | 16.1\% | 10.6\% | 10.5\% | 9.5\% | 9.0\% |
| Female | 15.8\% | 12.4\% | 16.4\% | 13.1\% | 12.2\% | 12.1\% |
| Age group (years) |  |  |  |  |  |  |
| 16 to 29 | 17.9\% | 17.7\% | 8.8\% | 11.2\% | 16.4\% | 9.7\% |
| 30 to 49 | 20.3\% | 15.5\% | 12.2\% | 10.0\% | 8.6\% | 11.9\% |
| 50 to 69 | 17.8\% | 13.5\% | 14.2\% | 13.8\% | 9.3\% | 10.7\% |
| 70 plus | 12.9\% | 9.6\% | 20.1\% | 12.2\% | 10.8\% | 9.4\% |
| Deprivation quintile |  |  |  |  |  |  |
| (most deprived) 1 | 18.4\% | 12.2\% | 11.9\% | 13.6\% | 11.9\% | 10.5\% |
| 2 | 18.8\% | 15.8\% | 10.6\% | 12.2\% | 13.1\% | 9.6\% |
| 3 | 16.4\% | 15.3\% | 16.6\% | 9.9\% | 10.8\% | 12.3\% |
| 4 | 15.5\% | 13.1\% | 16.3\% | 11.6\% | 11.4\% | 9.7\% |
| (least deprived) 5 | 19.2\% | 14.5\% | 11.7\% | 11.9\% | 7.3\% | 10.8\% |
| Location |  |  |  |  |  |  |
| Urban | 18.2\% | 14.5\% | 13.2\% | 12.5\% | 11.1\% | 11.0\% |
| Rural | 16.2\% | 13.4\% | 14.4\% | 10.2\% | 10.5\% | 9.5\% |
|  |  |  |  |  |  |  |
| None | 18.9\% | 15.2\% | 10.4\% | 12.8\% | 11.0\% | 7.9\% |
| Secondary | 19.5\% | 14.0\% | 14.3\% | 12.5\% | 9.5\% | 8.4\% |
| College or $6^{\text {th }}$ form | 16.1\% | 11.9\% | 16.3\% | 12.1\% | 13.3\% | 10.7\% |
| Higher education | 16.8\% | 16.0\% | 12.4\% | 11.2\% | 11.0\% | 11.7\% |
| Professional qualifications | 18.8\% | 13.1\% | 11.9\% | 10.2\% | 8.5\% | 14.2\% |

Table 5: In the last five years, have you experienced ill-health caused by extreme weather? Weighted proportion providing each response. Percentages may not add up to $100 \%$ due to rounding. Multivariate analyses use unweighted data.

| Proportion in each category |  |  | Multivariate analysis. <br> Odds of reporting "yes" compared to "no" |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Yes | No | Adjusted odds ratio (95\% confidence interval). Ref means reference category | P-value |
| Total | 19.6\% | 80.4\% |  |  |
| Gender |  |  |  | 0.114 |
| Male Female | $\begin{aligned} & 18.7 \% \\ & 20.4 \% \end{aligned}$ | $\begin{aligned} & 81.3 \% \\ & 79.6 \% \end{aligned}$ | $\begin{gathered} \text { Ref } \\ 1.192(0.959-1.483) \end{gathered}$ | 0.114 |
| Age group (years) |  |  |  | 0.019 |
| 16 to 29 | 23.4\% | 76.6\% | Ref |  |
| 30 to 49 | 20.2\% | 79.8\% | 0.777(0.543-1.113) | 0.170 |
| 50 to 69 | 16.6\% | 83.4\% | 0.621 (0.435-0.887) | 0.009 |
| 70plus | 19.4\% | 80.6\% | 0.892 (0.615-1.294) | 0.547 |
| Deprivation quintile |  |  |  | 0.021 |
| (most deprived) 1 | 22.7\% | 77.3\% | Ref |  |
| 2 | 22.3\% | 77.7\% | 1.062 (0.771-1.463) | 0.713 |
| 3 | 17.4\% | 82.6\% | 0.755 (0.535-1.064) | 0.108 |
| 4 | 19.5\% | 80.5\% | 0.829 (0.585-1.176) | 0.294 |
| (least deprived) 5 | 16.3\% | 83.7\% | 0.629 (0.441-0.898) | 0.011 |
| Location |  |  |  | 0.926 |
| Urban | 19.8\% | 80.2\% | Ref |  |
| Rural | 19.0\% | 81.0\% | 1.012 (0.793-1.291) | 0.926 |
| Education (highest qualification) |  |  |  | 0.081 |
| None | 12.0\% | 88.0\% | Ref |  |
| Secondary | 18.6\% | 81.4\% | 1.658 (1.030-2.669) | 0.037 |
| College or $6^{\text {th }}$ form | 22.6\% | 77.4\% | 1.962 (1.207-3.188) | 0.007 |
| Higher education | 20.2\% | 79.8\% | 1.528 (0.947-2.467) | 0.083 |
| Professional qualifications | 18.6\% | 81.4\% | 1.613 (0.924-2.814) | 0.092 |

Table 6: How much influence, if any, do you think you personally can have on limiting climate change? Weighted proportion providing each response. Data excludes those reporting they don't believe in climate change. Percentages may not add up to $100 \%$ due to rounding. Multivariate analyses use unweighted data.

| Proportion in each catego | No influence | Some influence | A large influence | I don't know | Multivariate analysis. Odds of reporting "no influence" compared to all other responses |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Adjusted odds ratio (95\% confidence interval). Ref means reference category | P-value |
| Total | 22.7\% | 65.1\% | 9.5\% | 2.7\% |  |  |
| Gender |  |  |  |  |  | <0.001 |
| Male Female | $\begin{aligned} & \text { 28.0\% } \\ & \text { 17.7\% } \end{aligned}$ | $\begin{aligned} & 61.7 \% \\ & 68.4 \% \end{aligned}$ | $\begin{gathered} 8.4 \% \\ 10.5 \% \end{gathered}$ | $\begin{aligned} & 1.9 \% \\ & 3.4 \% \end{aligned}$ | $\begin{gathered} R e f \\ 0.658(0.534-0.811) \end{gathered}$ | <0.001 |
| Age group (years) |  |  |  |  |  | 0.002 |
| 16 to 29 | 25.1\% | 59.8\% | 13.3\% | 1.9\% | 0.779 (0.532-1.141) | 0.199 |
| 30 to 49 | 16.2\% | 71.7\% | 9.5\% | 2.6\% | 0.553 (0.408-0.751) | <0.001 |
| 50 to 69 | 22.5\% | 64.9\% | 9.4\% | 3.1\% | 0.775 (0.601-0.998) | 0.048 |
| 70 plus | 30.4\% | 61.2\% | 5.3\% | 3.1\% | Ref |  |
| Deprivation quintile |  |  |  |  |  | 0.222 |
| (most deprived) 1 | 28.3\% | 57.3\% | 9.1\% | 5.3\% | Ref |  |
| 2 | 23.0\% | 63.1\% | 11.5\% | 2.3\% | 0.889 (0.645-1.225) | 0.472 |
| 3 | 25.7\% | 63.9\% | 8.4\% | 1.9\% | 0.989 (0.715-1.369) | 0.946 |
| 4 | 18.1\% | 69.7\% | 10.1\% | 2.2\% | 0.756 (0.534-1.070) | 0.114 |
| (least deprived) 5 | 19.1\% | 71.0\% | 8.2\% | 1.8\% | 0.734 (0.523-1.028) | 0.072 |
| Location |  |  |  |  |  | 0.377 |
| Urban | 23.6\% | 65.2\% | 8.5\% | 2.7\% | Ref |  |
| Rural | 20.7\% | 65.1\% | 11.7\% | 2.4\% | 0.898 (0.708-1.140) | 0.377 |
| Education (highest qualifica |  |  |  |  |  | <0.001 |
| None | 46.0\% | 37.3\% | 6.8\% | 9.9\% | Ref |  |
| Secondary | 28.8\% | 61.8\% | 6.4\% | 3.0\% | 0.598 (0.418-0.856) | 0.005 |
| College or $6^{\text {th }}$ form | 21.9\% | 66.4\% | 9.5\% | 2.2\% | 0.495 (0.338-0.725) | <0.001 |
| Higher education | 14.6\% | 71.2\% | 12.6\% | 1.6\% | 0.318 (0.218-0.463) | <0.001 |
| Professional qualifications | 20.9\% | 71.2\% | 6.8\% | 1.1\% | 0.400 (0.252-0.635) | <0.001 |

Table 7: How much do you agree with the following policy options? Weighted proportion providing each response. Percentages may not add up to $100 \%$ due to rounding.

|  | Cheaper / more access to renewable energy Proportion in each category |  |  |  |  | Improving public transport Proportion in each category |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Strongly disagree | Tend to disagree | Neither agree nor disagree | $\begin{aligned} & \text { Tend } \\ & \text { to } \\ & \text { agree } \end{aligned}$ | Strongly agree | Strongly disagree | Tend to disagree | Neither agree nor disagree | $\begin{gathered} \text { Tend } \\ \text { to } \\ \text { agree } \end{gathered}$ | Strongly agree |
| Total | 0.9\% | 1.8\% | 8.2\% | 26.5\% | 62.6\% | 1.0\% | 2.0\% | 8.6\% | 25.9\% | 62.6\% |
| Gender |  |  |  |  |  |  |  |  |  |  |
| Male | 0.9\% | 2.3\% | 8.4\% | 24.6\% | 63.8\% | 1.3\% | 2.8\% | 8.4\% | 25.1\% | 62.4\% |
| Female | 1.0\% | 1.2\% | 8.1\% | 28.3\% | 61.4\% | 0.7\% | 1.1\% | 8.7\% | 26.7\% | 62.8\% |
| Age group (years) |  |  |  |  |  |  |  |  |  |  |
| 16 to 29 | 1.5\% | 3.1\% | 5.4\% | 27.3\% | 62.7\% | 0.8\% | 1.3\% | 4.8\% | 25.5\% | 67.6\% |
| 30 to 49 | 0.5\% | 1.4\% | 9.9\% | 27.2\% | 61.1\% | 1.1\% | 2.3\% | 9.4\% | 28.5\% | 58.6\% |
| 50 to 69 | 1.0\% | 1.6\% | 6.2\% | 24.2\% | 67.0\% | 0.8\% | 2.4\% | 8.5\% | 23.8\% | 64.5\% |
| 70 plus | 1.2\% | 1.2\% | 12.1\% | 28.4\% | 57.2\% | 1.2\% | 1.4\% | 11.8\% | 25.8\% | 59.7\% |
| Deprivation quintile |  |  |  |  |  |  |  |  |  |  |
| (most deprived) 1 | 2.6\% | 3.8\% | 10.4\% | 28.0\% | 55.2\% | 2.4\% | 4.0\% | 9.7\% | 25.1\% | 58.9\% |
| 2 | 1.8\% | 1.1\% | 5.5\% | 23.9\% | 67.7\% | 0.9\% | 1.8\% | 10.0\% | 23.2\% | 64.1\% |
| 3 | 0.2\% | 0.8\% | 9.6\% | 27.6\% | 61.8\% | 0.2\% | 1.5\% | 9.1\% | 29.4\% | 59.8\% |
| 4 | 0.2\% | 0.4\% | 5.4\% | 27.4\% | 66.6\% | 0.9\% | 1.3\% | 6.9\% | 25.1\% | 66.0\% |
| (least deprived) 5 | 0.2\% | 2.6\% | 10.4\% | 25.6\% | 61.2\% | 0.4\% | 1.3\% | 7.3\% | 26.8\% | 64.2\% |
| Location |  |  |  |  |  |  |  |  |  |  |
| Urban | 1.1\% | 2.1\% | 8.8\% | 25.4\% | 62.5\% | 1.2\% | 2.0\% | 8.5\% | 25.3\% | 63.0\% |
| Rural | 0.5\% | 0.9\% | 6.9\% | 29.1\% | 62.6\% | 0.5\% | 1.8\% | 8.7\% | 27.5\% | 61.5\% |
| Education (highest qualification) |  |  |  |  |  |  |  |  |  |  |
| None | 1.2\% | 2.4\% | 18.6\% | 32.3\% | 45.5\% | 1.2\% | 4.2\% | 13.8\% | 23.4\% | 57.5\% |
| Secondary | 1.6\% | 1.8\% | 9.0\% | 25.0\% | 62.7\% | 1.1\% | 2.8\% | 11.4\% | 27.8\% | 56.9\% |
| College or $6^{\text {th }}$ form | 0.4\% | 2.8\% | 8.1\% | 30.6\% | 58.2\% | 0.6\% | 1.2\% | 8.8\% | 29.7\% | 59.7\% |
| Higher education | 0.9\% | 1.2\% | 6.3\% | 25.2\% | 66.5\% | 1.2\% | 1.6\% | 5.2\% | 22.5\% | 69.5\% |
| Professional qualifications | 1.1\% | 0.6\% | 5.1\% | 20.3\% | 72.9\% | 0.6\% | 1.7\% | 9.0\% | 27.7\% | 61.0\% |

Table 7 continued: How much do you agree with the following policy options? Weighted proportion providing each response. Percentages may not add up to $100 \%$ due to rounding.

|  | Laws to reduce use of plastic packaging Proportion in each category |  |  |  |  | Increasing tax for companies contributing to global warming <br> Proportion in each category |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Strongly disagree | Tend to disagree | Neither agree nor disagree | Tend to agree | Strongly agree | Strongly disagree | Tend to disagree | Neither agree nor disagree | Tend to agree | Strongly agree |
| Total | 1.0\% | 2.0\% | 6.6\% | 27.7\% | 62.6\% | 2.5\% | 4.3\% | 9.3\% | 26.7\% | 57.2\% |
| Gender |  |  |  |  |  |  |  |  |  |  |
| Male | 1.3\% | 2.5\% | 6.1\% | 26.2\% | 63.9\% | 3.0\% | 5.4\% | 8.4\% | 25.0\% | 58.2\% |
| Female | 0.8\% | 1.4\% | 7.2\% | 29.2\% | 61.4\% | 2.0\% | 3.1\% | 10.2\% | 28.3\% | 56.3\% |
| Age group (years) |  |  |  |  |  |  |  |  |  |  |
| 16 to 29 | 0.8\% | 1.3\% | 6.3\% | 31.3\% | 60.5\% | 3.3\% | 6.9\% | 11.0\% | 23.5\% | 55.2\% |
| 30 to 49 | 0.9\% | 2.5\% | 7.6\% | 28.6\% | 60.4\% | 3.1\% | 3.4\% | 8.3\% | 30.4\% | 54.7\% |
| 50 to 69 | 1.4\% | 2.3\% | 6.2\% | 25.3\% | 64.8\% | 2.1\% | 3.5\% | 9.8\% | 23.9\% | 60.6\% |
| 70 plus | 0.7\% | 1.7\% | 6.2\% | 26.8\% | 64.7\% | 1.4\% | 3.8\% | 8.3\% | 28.8\% | 57.7\% |
| Deprivation quintile |  |  |  |  |  |  |  |  |  |  |
| (most deprived) 1 | 1.9\% | 2.1\% | 8.5\% | 35.1\% | 52.4\% | 2.8\% | 4.5\% | 13.3\% | 32.5\% | 46.9\% |
| 2 | 1.6\% | 1.4\% | 7.5\% | 29.5\% | 60.0\% | 5.0\% | 6.3\% | 8.4\% | 26.3\% | 54.0\% |
| 3 | 0.8\% | 1.5\% | 7.4\% | 26.1\% | 64.1\% | 1.7\% | 4.5\% | 8.3\% | 24.5\% | 61.1\% |
| 4 | 0.4\% | 2.1\% | 3.2\% | 24.6\% | 69.6\% | 0.6\% | 2.4\% | 7.9\% | 25.3\% | 63.7\% |
| (least deprived) 5 | 0.4\% | 2.6\% | 6.8\% | 24.0\% | 66.1\% | 2.2\% | 3.7\% | 9.0\% | 25.6\% | 59.5\% |
| Location |  |  |  |  |  |  |  |  |  |  |
| Urban | 1.1\% | 2.1\% | 7.5\% | 28.2\% | 61.1\% | 2.7\% | 4.0\% | 9.3\% | 26.5\% | 57.5\% |
| Rural | 0.9\% | 1.8\% | 4.5\% | 26.6\% | 66.2\% | 2.0\% | 5.0\% | 9.4\% | 27.1\% | 56.6\% |
| Education (highest qualification) |  |  |  |  |  |  |  |  |  |  |
| None | 0.6\% | 1.2\% | 13.2\% | 31.7\% | 53.3\% | 2.4\% | 6.0\% | 15.0\% | 22.8\% | 53.9\% |
| Secondary | 1.4\% | 2.6\% | 9.7\% | 28.5\% | 57.8\% | 2.1\% | 4.9\% | 11.5\% | 28.6\% | 52.9\% |
| College or $6^{\text {th }}$ form | 1.0\% | 2.4\% | 6.1\% | 27.6\% | 62.9\% | 1.6\% | 3.9\% | 8.3\% | 29.5\% | 56.8\% |
| Higher education | 1.1\% | 1.8\% | 4.0\% | 27.1\% | 66.0\% | 3.0\% | 3.5\% | 7.4\% | 25.1\% | 60.9\% |
| Professional qualifications | 0.6\% | 0.6\% | 5.1\% | 25.4\% | 68.4\% | 3.9\% | 5.1\% | 9.6\% | 23.6\% | 57.9\% |

Table 7 continued: How much do you agree with the following policy options? Weighted proportion providing each response. Percentages may not add up to $100 \%$ due to rounding.

|  | More cycle / safe walking routes Proportion in each category |  |  |  |  | Subsidised prices and better facilities for electric cars <br> Proportion in each category |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Strongly disagree | Tend to disagree | Neither agree nor disagree | $\begin{aligned} & \text { Tend } \\ & \text { to } \\ & \text { agree } \end{aligned}$ | Strongly agree | Strongly disagree | Tend to disagree | Neither agree nor disagree | Tend to agree | Strongly agree |
| Total | 4.0\% | 3.3\% | 11.3\% | 32.5\% | 48.8\% | 5.3\% | 4.3\% | 15.1\% | 31.2\% | 44.1\% |
| Gender |  |  |  |  |  |  |  |  |  |  |
| Male | 6.4\% | 4.3\% | 11.8\% | 32.0\% | 45.6\% | 5.7\% | 5.1\% | 13.4\% | 29.8\% | 46.0\% |
| Female | 1.6\% | 2.4\% | 10.9\% | 33.0\% | 52.1\% | 4.9\% | 3.6\% | 16.8\% | 32.5\% | 42.2\% |
| Age group (years) |  |  |  |  |  |  |  |  |  |  |
| 16 to 29 | 7.1\% | 3.3\% | 9.4\% | 28.2\% | 52.0\% | 3.3\% | 3.6\% | 14.6\% | 32.6\% | 45.8\% |
| 30 to 49 | 2.2\% | 2.9\% | 10.8\% | 35.9\% | 48.2\% | 4.5\% | 3.6\% | 13.5\% | 34.2\% | 44.3\% |
| 50 to 69 | 4.2\% | 3.3\% | 11.3\% | 30.6\% | 50.6\% | 7.4\% | 4.1\% | 13.3\% | 29.2\% | 46.0\% |
| 70 plus | 2.6\% | 4.3\% | 14.2\% | 35.3\% | 43.6\% | 5.2\% | 6.4\% | 21.3\% | 28.4\% | 38.6\% |
| Deprivation quintile |  |  |  |  |  |  |  |  |  |  |
| (most deprived) 1 | 5.2\% | 4.0\% | 11.1\% | 32.1\% | 47.6\% | 6.6\% | 3.3\% | 20.8\% | 31.9\% | 37.4\% |
| 2 | 3.6\% | 5.4\% | 11.8\% | 34.2\% | 44.9\% | 6.2\% | 6.2\% | 15.3\% | 31.0\% | 41.5\% |
| 3 | 3.8\% | 2.5\% | 10.4\% | 33.8\% | 49.5\% | 4.3\% | 4.0\% | 16.2\% | 31.3\% | 44.3\% |
| 4 | 3.2\% | 3.2\% | 8.5\% | 32.1\% | 53.0\% | 6.8\% | 4.1\% | 10.7\% | 29.9\% | 48.5\% |
| (least deprived) 5 | 4.2\% | 1.8\% | 14.8\% | 30.4\% | 48.9\% | 2.9\% | 3.7\% | 13.4\% | 31.9\% | 48.0\% |
| Location |  |  |  |  |  |  |  |  |  |  |
| Urban | 4.3\% | 3.5\% | 11.6\% | 31.9\% | 48.7\% | 4.6\% | 4.2\% | 16.6\% | 31.1\% | 43.4\% |
| Rural | 3.0\% | 2.9\% | 10.7\% | 34.0\% | 49.4\% | 6.9\% | 4.4\% | 11.5\% | 31.4\% | 45.8\% |
| Education (highest qualification) |  |  |  |  |  |  |  |  |  |  |
| None | 2.4\% | 3.0\% | 18.7\% | 34.9\% | 41.0\% | 6.0\% | 4.8\% | 30.1\% | 27.7\% | 31.3\% |
| Secondary | 7.4\% | 4.4\% | 11.6\% | 30.4\% | 46.3\% | 6.5\% | 4.4\% | 19.2\% | 28.6\% | 41.3\% |
| College or $6^{\text {th }}$ form | 3.0\% | 1.8\% | 9.3\% | 38.4\% | 47.6\% | 5.3\% | 3.5\% | 12.6\% | 36.5\% | 42.0\% |
| Higher education | 2.6\% | 3.6\% | 10.2\% | 30.5\% | 53.1\% | 4.1\% | 4.6\% | 12.2\% | 30.8\% | 48.3\% |
| Professional qualifications | 3.9\% | 3.9\% | 14.0\% | 29.2\% | 48.9\% | 6.8\% | 4.0\% | 10.2\% | 28.4\% | 50.6\% |

Table 7 continued: How much do you agree with the following policy options? Weighted proportion providing each response. Percentages may not add up to $100 \%$ due to rounding.

|  | Reducing taxes for companies that protect the environment <br> oportion in each category |  |  |  |  | Cheap <br> Proportio | Cheaper / more access to energy from nuclear power |  |  | uclear |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Strongly disagree | Tend to disagree | Neither agree nor disagree | Tend to agree | Strongly agree | Strongly disagree | Tend to disagree | Neither agree nor disagree | Tend to agree | Strongly agree |
| Total | 3.2\% | 7.0\% | 14.1\% | 35.2\% | 40.5\% | 7.6\% | 8.3\% | 22.7\% | 28.0\% | 33.5\% |
| Gender |  |  |  |  |  |  |  |  |  |  |
| Male | 3.5\% | 8.1\% | 14.0\% | 33.8\% | 40.6\% | 7.2\% | 7.9\% | 18.9\% | 28.6\% | 37.4\% |
| Female | 3.0\% | 6.0\% | 14.1\% | 36.6\% | 40.4\% | 7.9\% | 8.7\% | 26.2\% | 27.4\% | 29.8\% |
| Age group (years) |  |  |  |  |  |  |  |  |  |  |
| 16 to 29 | 2.5\% | 6.5\% | 9.6\% | 36.5\% | 44.9\% | 8.6\% | 9.0\% | 22.8\% | 28.0\% | 31.6\% |
| 30 to 49 | 3.4\% | 7.4\% | 17.0\% | 36.2\% | 36.0\% | 5.4\% | 9.4\% | 22.7\% | 29.2\% | 33.2\% |
| 50 to 69 | 4.0\% | 5.8\% | 12.6\% | 34.7\% | 42.9\% | 8.9\% | 7.4\% | 21.9\% | 27.2\% | 34.7\% |
| 70 plus | 2.4\% | 9.0\% | 17.0\% | 33.3\% | 38.3\% | 7.8\% | 7.3\% | 23.6\% | 27.4\% | 34.0\% |
| Deprivation quintile |  |  |  |  |  |  |  |  |  |  |
| (most deprived) 1 | 5.7\% | 4.7\% | 15.6\% | 33.4\% | 40.5\% | 6.6\% | 10.0\% | 25.6\% | 27.3\% | 30.6\% |
| 2 | 3.0\% | 8.6\% | 15.7\% | 36.8\% | 35.9\% | 10.2\% | 9.5\% | 18.9\% | 27.0\% | 34.3\% |
| 3 | 4.2\% | 8.9\% | 14.2\% | 33.8\% | 38.9\% | 8.7\% | 7.9\% | 23.4\% | 27.6\% | 32.5\% |
| 4 | 1.9\% | 5.1\% | 11.1\% | 38.8\% | 43.0\% | 5.6\% | 5.8\% | 22.5\% | 29.6\% | 36.5\% |
| (least deprived) 5 | 1.5\% | 7.5\% | 13.8\% | 33.4\% | 43.7\% | 6.8\% | 8.1\% | 23.1\% | 28.4\% | 33.6\% |
| Location |  |  |  |  |  |  |  |  |  |  |
| Urban | 2.9\% | 6.9\% | 14.6\% | 33.9\% | 41.7\% | 7.0\% | 8.2\% | 23.9\% | 27.7\% | 33.2\% |
| Rural | 3.9\% | 7.3\% | 12.7\% | 38.7\% | 37.5\% | 9.0\% | 8.3\% | 19.6\% | 28.8\% | 34.2\% |
| Education (highest qualification) |  |  |  |  |  |  |  |  |  |  |
| None | 3.0\% | 6.7\% | 18.2\% | 31.5\% | 40.6\% | 6.6\% | 5.4\% | 33.1\% | 27.7\% | 27.1\% |
| Secondary | 4.2\% | 6.9\% | 17.8\% | 31.9\% | 39.3\% | 5.8\% | 7.9\% | 21.1\% | 24.1\% | 41.1\% |
| College or $6^{\text {th }}$ form | 3.0\% | 9.1\% | 12.2\% | 38.8\% | 37.0\% | 6.3\% | 10.2\% | 24.4\% | 29.1\% | 29.9\% |
| Higher education | 2.7\% | 5.7\% | 13.0\% | 36.5\% | 42.2\% | 9.7\% | 7.8\% | 21.7\% | 30.7\% | 30.2\% |
| Professional qualifications | 3.4\% | 7.9\% | 9.6\% | 35.6\% | 43.5\% | 8.5\% | 8.5\% | 18.1\% | 23.7\% | 41.2\% |

Table 7 continued: How much do you agree with the following policy options? Weighted proportion providing each response. Percentages may not add up to $100 \%$ due to rounding.

|  | Proportion | Increas each categ | fuel prices <br> y | r cars |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Strongly disagree | Tend to disagree | Neither agree nor disagree | Tend to agree | Strongly agree |
| Total | 26.0\% | 25.3\% | 22.7\% | 16.3\% | 9.7\% |
| Gender |  |  |  |  |  |
| Male | 27.9\% | 23.2\% | 21.7\% | 16.3\% | 10.8\% |
| Female | 24.2\% | 27.3\% | 23.6\% | 16.3\% | 8.6\% |
| Age group (years) |  |  |  |  |  |
| 16 to 29 | 25.3\% | 29.0\% | 19.4\% | 17.7\% | 8.6\% |
| 30 to 49 | 28.0\% | 22.8\% | 25.2\% | 14.6\% | 9.4\% |
| 50 to 69 | 27.4\% | 25.0\% | 20.9\% | 17.3\% | 9.3\% |
| 70 plus | 21.5\% | 25.3\% | 25.3\% | 15.8\% | 12.1\% |
| Deprivation quintile |  |  |  |  |  |
| (most deprived) 1 | 23.9\% | 25.1\% | 26.5\% | 15.9\% | 8.5\% |
| 2 | 27.0\% | 24.5\% | 21.6\% | 13.9\% | 13.0\% |
| 3 | 27.4\% | 24.7\% | 22.3\% | 15.5\% | 10.0\% |
| 4 | 25.5\% | 25.9\% | 21.2\% | 17.3\% | 10.1\% |
| (least deprived) 5 | 26.0\% | 26.2\% | 22.0\% | 18.9\% | 6.8\% |
| Location |  |  |  |  |  |
| Urban | 25.2\% | 25.9\% | 23.2\% | 15.7\% | 10.1\% |
| Rural | 28.0\% | 23.8\% | 21.5\% | 17.8\% | 8.9\% |
| Education (highest qualification) |  |  |  |  |  |
| None | 22.2\% | 23.4\% | 32.9\% | 15.0\% | 6.6\% |
| Secondary | 29.3\% | 24.2\% | 21.9\% | 14.3\% | 10.4\% |
| College or $6^{\text {th }}$ form | 22.6\% | 29.5\% | 23.4\% | 15.2\% | 9.3\% |
| Higher education | 25.4\% | 24.1\% | 21.9\% | 18.9\% | 9.7\% |
| Professional qualifications | 30.9\% | 24.2\% | 18.0\% | 15.7\% | 11.2\% |

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