

Weighting and analysing MENE data – a guide for SPSS and Excel users

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1. Introduction

This short guide explains how to apply weights to the data from the Monitor of Engagement with the Natural Environment (MENE) survey. It is aimed at those who have downloaded the data from the Natural England website and intend to run their own analysis.

The MENE weighting system corrects for both proportion and scale – i.e. it adjusts the results to reflect both the underlying characteristics and the size of the English adult population. For further information about the weighting system please see the MENE Technical Report available from the Natural England website.¹

MENE collects a range of information about people's visits to the natural environment. This includes the type of destination, the duration of the visit, mode of transport, distance travelled, spend, main activities and motivations for the visit. It collects data on people that do not visit the natural environment and the reasons for this.

Throughout this guide, the following references are made in relation to individual survey years:

Referred to as:	Fieldwork period
Year 1 or Y1	March 2009 – February 2010
Year 2 or Y2	March 2010 – February 2011
Year 3 or Y3	March 2011 – February 2012
Year 4 or Y4	March 2012 – February 2013
Year 5 or Y5	March 2013 – February 2014
Year 6 or Y6	March 2014 – February 2015

¹ <https://www.gov.uk/government/collections/monitor-of-engagement-with-the-natural-environment-survey-purpose-and-results>

2. File types

Raw data is available in SPSS, Excel, and CSV formats. If you require another format please contact MENE@naturalengland.org.uk. All data is made available under the terms of the Open Government License².

The weights are presented as a series of variables within each dataset.

3. Choosing the correct dataset

There are two separate MENE datasets – one that relates to visits taken to the natural environment by respondents in the seven days prior to interview (the “visit based data”); the other with the findings from other questions that are not dependant on whether a respondent has taken such a visit (the “respondent based data”).

All formats of the datasets present the data in two files which must be downloaded separately. The weights are presented as a series of variables within each dataset.

4. Choosing the correct weights

MENE questions are asked at different frequencies - while some questions are included in every week of the survey (i.e. 52 weeks per year), others are included only monthly (i.e. 12 weeks per year), and others quarterly (i.e. four times per year). This has an important impact on the weight that should be applied.

- When producing a frequency table the weight relating to the frequency at which a question is asked should be applied.
- When crosstabulating two or more questions, the weight that relates to the *least* frequently asked question should be applied. For example, to crosstabulate Q2 (weekly) against E1 (quarterly) choose the weight associated with the less frequently asked question i.e. QuarterVweight.

The weights gross the sample result up to the English adult population. **After the weights are applied, read all figures as thousands i.e. a figure of 1,000 should be read as 1,000,000.**

Please note that weights should only be applied when conducting analysis based around yearly estimates. For a full list of MENE questions and weights please see later.

² http://www.naturalengland.org.uk/Images/open-government-licence-NE_tcm6-30744.pdf

5. Applying weights in SPSS

1. Start SPSS, choose the appropriate 'visit based' or 'respondent based' file (see table in Section 9) and load the data using the **File> Open> Data** command.

The screenshot shows the SPSS Data Editor window with a dataset containing the following columns: `weekweightANNUAL`, `weekweightCUMULATIVE`, `monthweightCUMULATIVE`, `quarterweightCUMULATIVE`, `q3weight`, and `wt`. The data rows show values for these variables across 34 cases.

2. To weight the data select **Data> Weight Cases**. This will open the Weight Cases dialog box.

The left screenshot shows the 'Data' menu with 'Weight Cases...' selected. The right screenshot shows the 'Weight Cases' dialog box with 'Display weights' checked and 'Weight cases by' set to 'wt'. A large red arrow points from the 'Weight Cases' menu item to the dialog box.

3. Select **Weight Cases By**, and then in the left hand column select the weight variable to use for the analysis. Please see the table in Section 9 for a guide to the correct weights to apply for different analyses. Transfer the weight so it appears in the Frequency Variable window and then click **OK**.

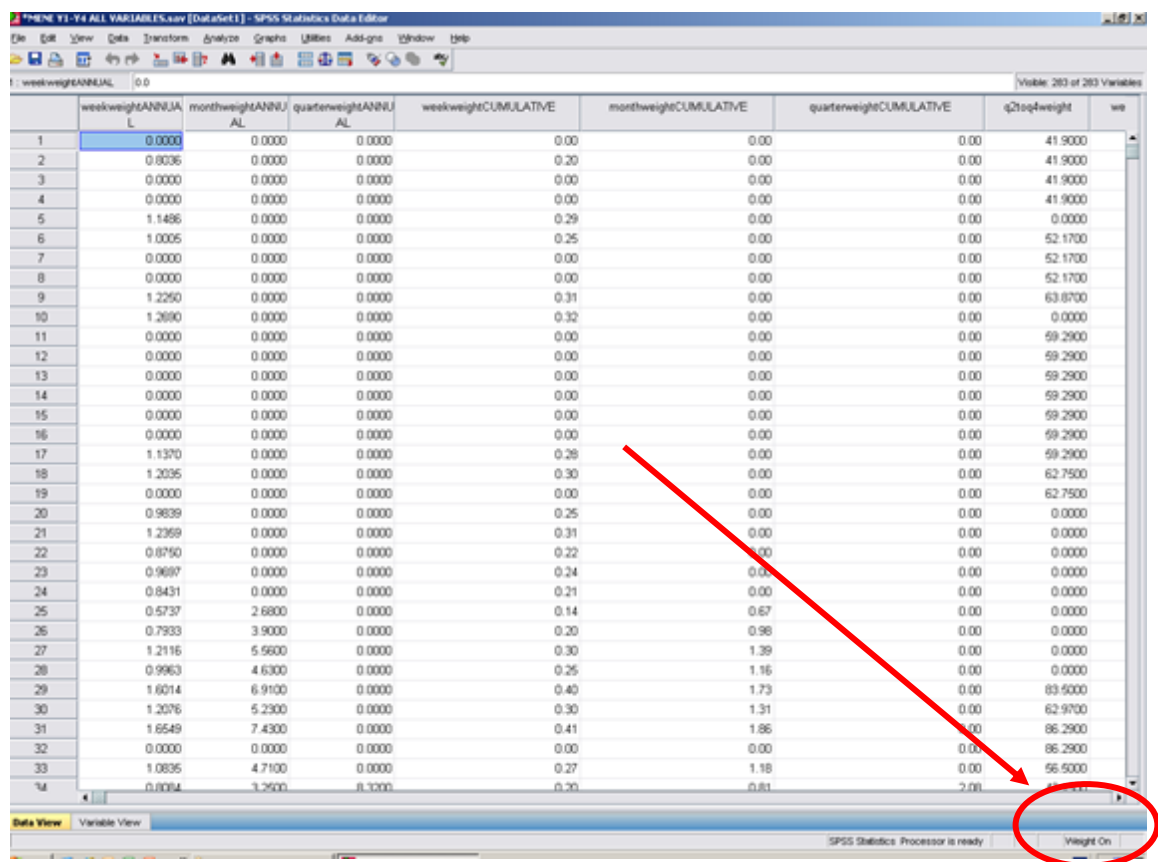
The screenshot shows the SPSS 'Weight Cases' dialog box. The 'Weight cases by' radio button is selected. The 'Frequency Variable' field is empty. The 'Current Status' is 'Weight cases by quarterweightANNUAL'. The background shows a data table with columns: weekweightANNUAL, monthweightANNUAL, quarterweightANNUAL, and weekweightCUMULATIVE.

	weekweightANNUAL	monthweightANNUAL	quarterweightANNUAL	weekweightCUMULATIVE
1	0.0000	0.0000	0.0000	0.00
2	0.8036	0.0000	0.0000	0.20
3	0.0000	0.0000	0.0000	0.00
4	0.0000	0.0000	0.0000	0.00
5	1.1486	0.0000	0.0000	0.29
6	1.0005	0.0000	0.0000	0.25
7	0.0000	0.0000	0.0000	0.00
8	0.0000	0.0000	0.0000	0.00
9	1.2250	0.0000	0.0000	0.31
10				0.32
11				0.00
12				0.00
13				0.00
14				0.00
15				0.00
16				0.00
17				0.00
18				0.00
19				0.30
20				0.00
21	1.2359	0.0000	0.0000	0.31
22	0.8750	0.0000	0.0000	0.22
23	0.9697	0.0000	0.0000	0.24
24	0.8431	0.0000	0.0000	0.21
25	0.5737	2.6800	0.0000	0.14
26	0.7933	3.9000	0.0000	0.20
27	1.2116	5.5600	0.0000	0.30
28	0.9963	4.6300	0.0000	0.25
29	1.6014	6.9100	0.0000	0.40
30	1.2076	5.2300	0.0000	0.30
31	1.6549	7.4300	0.0000	0.41
32	0.0000	0.0000	0.0000	0.00
33	1.0835	4.7100	0.0000	0.27
34	0.8084	3.2500	8.3200	0.20

The screenshot shows the SPSS 'Weight Cases' dialog box. The 'Weight cases by' radio button is selected. The 'Demographic weight to apply to results' checkbox is checked. The 'Frequency Variable' field is empty. The 'Current Status' is 'Weight cases by quarterweightANNUAL'. A red arrow points from the first screenshot to this one, indicating the selection of the checkbox.

	weekweightANNUAL	monthweightANNUAL	quarterweightANNUAL	weekweightCUMULATIVE
1	0.0000	0.0000	0.0000	0.00
2	0.8036	0.0000	0.0000	0.20
3	0.0000	0.0000	0.0000	0.00
4	0.0000	0.0000	0.0000	0.00
5	1.1486	0.0000	0.0000	0.29
6	1.0005	0.0000	0.0000	0.25
7	0.0000	0.0000	0.0000	0.00
8	0.0000	0.0000	0.0000	0.00
9	1.2250	0.0000	0.0000	0.31
10				0.32
11				0.00
12				0.00
13				0.00
14				0.00
15				0.00
16				0.00
17				0.00
18				0.00
19				0.30
20				0.00
21	1.2359	0.0000	0.0000	0.31
22	0.8750	0.0000	0.0000	0.22
23	0.9697	0.0000	0.0000	0.24
24	0.8431	0.0000	0.0000	0.21
25	0.5737	2.6800	0.0000	0.14
26	0.7933	3.9000	0.0000	0.20
27	1.2116	5.5600	0.0000	0.30
28	0.9963	4.6300	0.0000	0.25
29	1.6014	6.9100	0.0000	0.40
30	1.2076	5.2300	0.0000	0.30
31	1.6549	7.4300	0.0000	0.41
32	0.0000	0.0000	0.0000	0.00
33	1.0835	4.7100	0.0000	0.27
34	0.8084	3.2500	8.3200	0.20

4. Once the weight is applied, SPSS confirms the status of the data in the data view window.

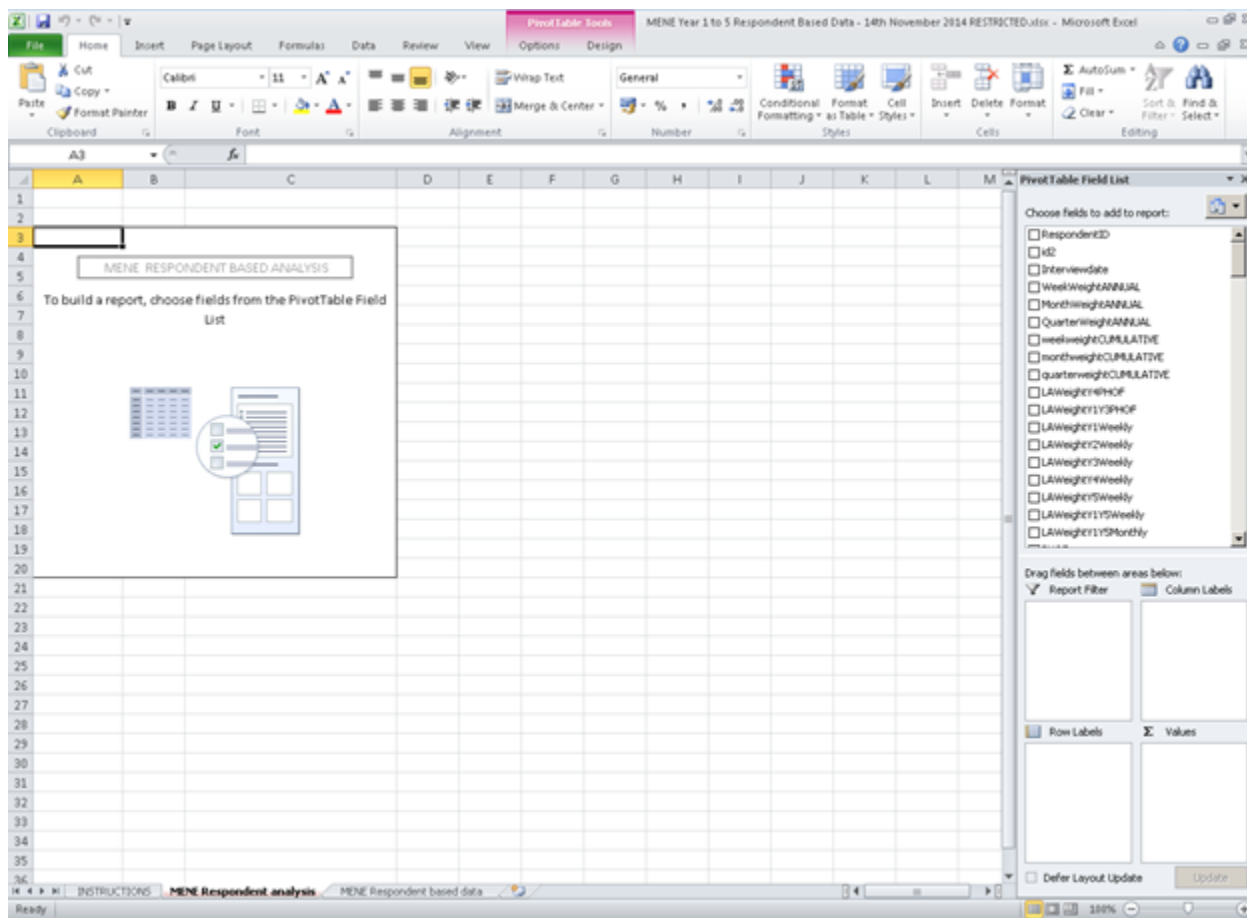


5. If a file is weighted by a variable it remains so until the order is cancelled by returning to the **Data > Weight Cases** menu and either turning the weights off, or establishing another weight variable. If a weighted file is saved, it will still be weighted when re-opened.

6. Applying weights in Excel

There are two Excel files – one containing respondent based data and the other containing visit based data. The procedure for weighting data in Excel uses pivot table reports already included in the spreadsheet.

1. Open the relevant data file and choose 'Tab 1 – MENE [Respondent/Visit analysis]' (see table in Section 9).



2. Select side break by dragging variable to **Row Labels**.
3. If required select a cross break (e.g. Year) by dragging variable to **Column Labels**
4. If required add filter to apply (e.g. so results are only shown for a certain County) by dragging variable to **Report Filter**.
5. Select the appropriate weighting variable and drag it into **Values**. Please see the table in Section 9 for a guide to the correct weights for every analysis.
6. The pivot table report will produce figures with the correct weights added. To see the raw data click on either the **MENE [Respondent/Visit] based tab**.

7. Special instructions for weighting question 12

For MENE years 1 to 3, Q12 which asks about the motivations for taking visits to the natural environment, was asked on a monthly basis so Q12 results for any of the first three years should be analysed using:

- the Q12 variables suffixed with Y1Y3; and
- weighted using monthvweight.

Analysis can be done for all respondents (i.e. all Y1-Y3) or cross tabbed or filtered for a particular year.

For MENE year 4 onwards, Q12 was asked on a weekly basis so Q12 results should be weighted using:

- the Q12 variables suffixed with Y4Y6; and
- weighted using weekvweight.

Please note that although this question is used for the Public Health Outcomes Framework (PHOF) measure 1.16, it cannot be used to directly calculate the measure at Upper Tier Local Authority level. Instead please use the data and guidance available at:

<https://www.gov.uk/government/publications/healthy-lives-healthy-people-improving-outcomes-and-supporting-transparency>

8. Special instructions for weighting question 3

For MENE years 1 to 3, Q3 which asks about visit duration was asked for all visits taken to the natural environment so results for the first three years should be analysed using:

- the q3 variable
- weighted using Q2to4weight

For MENE Y4 onwards, Q3 was asked for the randomly selected visit so Q3 results for these years should be weighted using:

- the q3new variable
- weighted using weekvweight

9. Weighting list and application guide

The table below specifies the datasets and weights that should be used when undertaking analysis of the MENE raw data – either in SPSS, CSV or Excel format. Please see Appendix One of the MENE Technical Report for the full questionnaire³.

- Note if running Respondent based analysis by year please use the "ANNUAL" variant of the weights mentioned in the table beneath and use 'CUMULATIVE' variant if running Year 1 to 6 cumulative analysis.
- If analysis is to be undertaken at the Local Authority level, use the series of weights which begin with LA. See two rightmost columns in the table below for details.

Question	Frequency	Dataset to use (separate files in SPSS format, separate tabs in Excel)	Weight to apply for National, Regional or County level analyses	Weight to apply for individual year LOCAL AUTHORITY level analyses. X = appropriate year.	Weight to apply for Year 1 to 6 cumulative LOCAL AUTHORITY level analysis
Q1 – Volume of visits per day over last 7 days	Weekly - all respondents asked	Respondent Based Data	WeekWeight	LAWeightYxWeekly	LAWeightY1Y6WEEKLY
Q2 – Type of place visited (<i>general</i>)	Weekly – asked for all visits	Visit Based Data	Q2to4Weight	LAWeightYxWeeklyVISIT	LAWeightY1Y6WEEKLYVISIT
Q3 – Visit duration (<i>minutes – pre April 2012</i>)	Weekly – asked for all visits	Visit Based Data	Q2to4Weight	LAWeightYxWeeklyVISIT	LAWeightY1Y6WEEKLYVISIT
Q3 – Visit duration (<i>minutes – April 2012 onwards</i>)	Weekly – asked for one randomly selected visit	Visit Based Data	WeekVweight	LAWeightYxWeeklyVISIT	LAWeightY1Y6WEEKLYVISIT

³ <https://www.gov.uk/government/collections/monitor-of-engagement-with-the-natural-environment-survey-purpose-and-results>

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Q4 – Activities undertaken (<i>split over 21 variables as multicode question</i>)	Weekly – asked for all visits	Visit Based Data	Q2to4Weight	LAWeightYxWeeklyVISIT	LAWeightY1Y6WEEKLYVISIT
Q5 – Type of place visited (specific) (<i>split over 17 variables as multicode question</i>)	Weekly – asked for one randomly selected visit	Visit Based Data	WeekVweight	LAWeightYxWeeklyVISIT	LAWeightY1Y6WEEKLYVISIT
Q8 – Distance travelled to place visited (miles)	Weekly – asked for one randomly selected visit	Visit Based Data	WeekVweight	LAWeightYxWeeklyVISIT	LAWeightY1Y6WEEKLYVISIT
Q9 – Where journey started from	Weekly – asked for one randomly selected visit	Visit Based Data	WeekVweight	LAWeightYxWeeklyVISIT	LAWeightY1Y6WEEKLYVISIT
Q11 – Mode of transport used	Weekly – asked for one randomly selected visit	Visit Based Data	WeekVweight	LAWeightYxWeeklyVISIT	LAWeightY1Y6WEEKLYVISIT
Q12 – Reasons for visit (<i>split over 15 variables as a multicode question</i>)	Y1-Y3: Monthly – asked for one randomly selected visit	Visit Based Data	MonthVweight	N/A	LAWeightY1Y6WEEKLYVISIT
Q12 – Reasons for visit (<i>split over 15 variables as a multicode question</i>)	Y4 – Y6: Weekly – asked for one randomly selected visit	Visit Based Data	WeekVweight	LAWeightYxWeeklyVISIT	LAWeightY1Y6WEEKLYVISIT

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Q13 – Party composition	Monthly – asked for one randomly selected visit	Visit Based Data	MonthVweight	N/A	LAWeightY1Y6WEEKLYVISIT
Q14 – Whether a dog/dogs were taken on visit	Monthly – asked for one randomly selected visit	Visit Based Data	MonthVweight	N/A	LAWeightY1Y6WEEKLYVISIT
Q15 – Categories of expenditure during visit (<i>split over 11 variables as a multicode question</i>)	Monthly – asked for one randomly selected visit	Visit Based Data	MonthVweight	N/A	LAWeightY1Y6WEEKLYVISIT
Q16 – Amounts spent during visit (pence) (a separate variable for each category and total category)	Monthly – asked for one randomly selected visit	Visit Based Data	MonthVweight	N/A	LAWeightY1Y6WEEKLYVISIT
Q17 – Frequency of visits during last 12 months	Monthly – all respondents asked	Respondent Based Data	MonthWeight	N/A	LAWeightY1Y6MONTHLY
Q18 – Barriers to visits during last 12 months (<i>split over 24 variables as a multicode question</i>)	Monthly – respondents who visit less than once a month asked	Respondent Based Data	MonthWeight	N/A	LAWeightY1Y6MONTHLY
E1 - Outcomes of visit	Quarterly – asked for one randomly selected visit	Visit Based Data	QuarterVweight	N/A	N/A
E2 – Attitudes to the environment	Quarterly – all respondents asked	Respondent Based Data	QuarterWeight	N/A	N/A

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E3 – Activities in the natural environment	Quarterly – all respondents asked	Respondent Based Data	QuarterWeight	N/A	N/A
E4 – Pro-environmental activities	Quarterly – all respondents asked	Respondent Based Data	QuarterWeight	N/A	N/A
E5 – Changes in lifestyle	Quarterly – all respondents asked	Respondent Based Data	QuarterWeight	N/A	N/A
E6 – Attitudes to local greenspaces	Quarterly – all respondents asked	Respondent Based Data	QuarterWeight	N/A	N/A
E7 – Whether have a garden	Quarterly – all respondents asked	Respondent Based Data	QuarterWeight	N/A	N/A
E8 – Attitudes towards garden	Quarterly – access of those with access to a private garden	Respondent Based Data	QuarterWeight	N/A	N/A
CAR – Access to car	Weekly asked of all respondents	Respondent Based Data	WeekWeight	LAWeightYxWeekly	LAWeightY1Y6WEEKLY
DOG – Dog ownership	Weekly asked of all respondents	Respondent Based Data	WeekWeight	LAWeightYxWeekly	LAWeightY1Y6WEEKLY
PHYSICAL – Frequency of undertaking exercise	Weekly asked of all respondents	Respondent Based Data	WeekWeight	LAWeightYxWeekly	LAWeightY1Y6WEEKLY

DISABILITY – Disability and long term illness	Weekly asked of all respondents	Respondent Based Data	WeekWeight	LAWeightYxWeekly	LAWeightY1Y6WEEKLY
Other classification variables: Age Sex Ethnicity Marital status Working status Socio-economic group Lifestage Region County Tenure Internet access Email access Wellbeing Children in household Adults in household	Weekly asked of all respondents	Visit based data Respondent based data	Weekweight Weekweight	LAWeightYxWeekly	LAWeightY1Y6Weekly

<p>Place of residence related geographical variables:</p> <p>Lower Super Output Area Middle Super Output Area Local Authority Upper Tier Local Authority Region Ceremonial County National Park AONB Heritage Coast World Heritage Site NIA NCA Local Access Forum Green Belt Rural Urban classification Parliamentary Constituency Index of Multiple Deprivation</p>	<p>Weekly asked of all respondents</p>	<p>Visit based data</p> <p>Respondent based data</p>	<p>Weekweight</p> <p>Weekweight</p>	<p>LAWeightYxWeeklyVISIT</p>	<p>LAWeightY15Weekly</p>
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<p>Visit destination related geographical variables included: Visit easting and northing Lower Super Output Area Middle Super Output Area Local Authority Upper Tier District 2009 Ceremonial County Region National Park AONB SSSI National Nature Reserve Visit Local Nature Reserve Heritage Coast National Trust Land Visit World Heritage Site NIA NCA Registered park or garden National Trail Local Access Forum Green Belt Rural Urban classification Forestry Commission Woodland Index of Multiple Deprivation Parliamentary Constituency</p>	<p>Weekly – asked for one randomly selected visit</p>	<p>Visit based</p>	<p>Based on a single grid reference</p>	<p>LAWeightYxWeekly</p>	<p>LAWeightY1-Y6Weekly</p>
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<p>PHOF Visits for health/exercise in last 7 days</p>	<p>Years 1 - 3: Monthly – asked for one randomly selected visit Year 4 - Weekly - asked for one randomly selected visit Year 5 - Weekly - asked for one randomly selected visit Year 6 – Weekly – asked for one randomly selected visit</p>	<p>Respondent analysis</p>	<p>LAWeightY1Y3PHOF LAWeightY4PHOF LAWeightY5Weekly LAWeightY6Weekly</p>		
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10. Variable guide

The table below specifies variable names and labels in the MENE raw data files (SPSS and MS Excel format) available to download from the Natural England website⁴.

a) Respondent based dataset

Variable name	Variable label
RespondentID	The unique identification number of the Respondent
id2	TNS ID
Interviewdate	Date of interview
WeekWeightANNUAL	Respondent based weekly results - annual analysis
MonthWeightANNUAL	Respondent based monthly results - annual analysis
QuarterWeightANNUAL	Respondent based quarterly results - annual analysis
weekweightCUMULATIVE	Respondent based weekly results – 6 year cumulative analysis
monthweightCUMULATIVE	Respondent based monthly results - 6 year cumulative analysis
quarterweightCUMULATIVE	Respondent based quarterly results - 6 year cumulative analysis
LAWeightY4PHOF	PHOF weight - Year 4
LAWeightY1Y3PHOF	PHOF weight - Cumulative Years 1 to 3 analysis
LAWeightY1Weekly	Local Authority respondent based weekly results - Year 1 analysis
LAWeightY2Weekly	Local Authority respondent based weekly results - Year 2 analysis
LAWeightY3Weekly	Local Authority respondent based weekly results - Year 3 analysis
LAWeightY4Weekly	Local Authority respondent based weekly results - Year 4 analysis
LAWeightY5Weekly	Local Authority respondent based weekly results - Year 5 analysis
LAWeightY6Weekly	Local Authority respondent based weekly results - Year 6 analysis
LAWeightY1Y6Weekly	Local Authority respondent based weekly results - 6 year cumulative analysis

⁴<https://www.gov.uk/government/collections/monitor-of-engagement-with-the-natural-environment-survey-purpose-and-results>

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LAWeightY1Y6Monthly	Local Authority respondent based monthly results - 6 year cumulative analysis
PHOF	PHOF results
year	The survey year
q1	Q1 Visits 7 days
q17	Average number of times spent out of doors away from home, over the last 12 months
q18_01	NOT spent more time out of doors over the last 12 months - Bad\poor weather
q18_02	NOT spent more time out of doors over the last 12 months - Old age
q18_03	NOT spent more time out of doors over the last 12 months - Poor health
q18_04	NOT spent more time out of doors over the last 12 months - Physical disability
q18_05	NOT spent more time out of doors over the last 12 months - Pregnant
q18_06	NOT spent more time out of doors over the last 12 months - Having young children
q18_07	NOT spent more time out of doors over the last 12 months - Having other caring responsibilities
q18_08	NOT spent more time out of doors over the last 12 months - Too busy at home
q18_09	NOT spent more time out of doors over the last 12 months - Too busy at work
q18_10	NOT spent more time out of doors over the last 12 months - Not interested
q18_11	NOT spent more time out of doors over the last 12 months – This isn't something for me\ people like mw
q18_12	NOT spent more time out of doors over the last 12 months – Don't like going out on my own
q18_13	NOT spent more time out of doors over the last 12 months - Have no access to a car
q18_14	NOT spent more time out of doors over the last 12 months - Lack of public transport
q18_15	NOT spent more time out of doors over the last 12 months – Too expensive
q18_16	NOT spent more time out of doors over the last 12 months - Prefer to do other leisure activities
q18_17	NOT spent more time out of doors over the last 12 months – Am worried about safety
q18_18	NOT spent more time out of doors over the last 12 months - Concerns about where I am allowed to go or access restrictions
q18_19	NOT spent more time out of doors over the last 12 months - Don't feel welcome\ feel out of place
q18_20	NOT spent more time out of doors over the last 12 months – Lack of suitable places to go
q18_21	NOT spent more time out of doors over the last 12 months – Don't know where to go\ lack of information
q18_23	NOT spent more time out of doors over the last 12 months - No particular reason

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q18_24	NOT spent more time out of doors over the last 12 months - Don't Know
e2_1	Extent of agreement about environmental attitudes - Spending time out of doors (including my own garden) is an important part of my life
e2_2	Extent of agreement about environmental attitudes - I am concerned about damage to the natural environment
e2_3	Extent of agreement about environmental attitudes - There are many natural places I may never visit but I am glad they exist
e2_4	Extent of agreement about environmental attitudes - Having open green spaces close to where I live is important
e3_01	Other participation - Watching or listening to nature programmes on the TV or radio
e3_02	Other participation - Looking at books, photos or websites about the natural world
e3_03	Other participation - Looking at natural scenery from indoors or whilst on journeys
e3_04	Other participation - Sitting or relaxing in a garden
e3_05	Other participation - Gardening
e3_06	Other participation - Watching wildlife (including bird watching)
e3_07	Other participation - Choosing to walk through local parks or green spaces on my way to other places
e3_08	Other participation - Doing unpaid voluntary work out of doors
e3_09	Other participation - None of these
e3_10	Other participation - Don't know
e4_1	Pro-environmental behaviours - I usually recycle items rather than throw them away
e4_2	Pro-environmental behaviours - I usually buy eco-friendly products and brands
e4_3	Pro-environmental behaviours - I usually buy seasonal or locally grown food
e4_4	Pro-environmental behaviours - I choose to walk or cycle instead of using my car when I can
e4_5	Pro-environmental behaviours - I encourage other people to protect the environment
e4_6	Pro-environmental behaviours - I am a member of an environmental or conservation organisation
e4_7	Pro-environmental behaviours - I volunteer to help care for the environment
e4_8	Pro-environmental behaviours – I donate money at least once every three months to support an environmental or conservation organisation
e4_9	Pro-environmental behaviours - I donate my time at least once every three months to support an environmental or conservation organisation
e4_10	Pro-environmental behaviours – None of these
e4_11	Pro-environmental behaviours - Don't know

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e5	Pro-environmental behaviours - Changes in lifestyle
e6_01	Local greenspaces are within easy walking distance
e6_02	Local greenspaces are of a high enough standard to want to spend time there
e6_03	Local greenspaces are easy to get into and around
e7	Whether have a garden
e8_01	My garden is an important place to me
e8_02	Attitudes to garden – I like spending time in my garden
e8_03	Attitudes to garden – I don't like my garden
e8_04	Attitudes to garden – I enjoy gardening
e8_05	Attitudes to garden – I like to grow fruit, vegetables or herbs in my garden
e8_06	Attitudes to garden – My garden is too small
e8_07	Attitudes to garden – My garden is too large
e8_08	Attitudes to garden – My garden is a place where children can play
e8_09	Attitudes to garden – I enjoy my garden because it is private
e8_10	Attitudes to garden – I enjoy the trees in my garden
e8_11	Attitudes to garden – I enjoy the grass\plants in my garden
e8_12	Attitudes to garden – I enjoy the pond\water features in my garden
e8_13	Attitudes to garden – I enjoy feeding birds in my garden
e8_14	Attitudes to garden – I encourage wildlife in my garden
e8_15	Attitudes to garden – I enjoy the wildlife in my garden
e8_16	Attitudes to garden – I enjoy my garden because of its views
e8_17	Attitudes to garden – Don't know
e8_18	Attitudes to garden – None
age	Demographics - Age
sex	Demographics - Gender
ethnicity	Demographics - Ethnicity
disability	Demographics - Illness or Disability

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marital	Demographics - Marital Status
workstat	Demographics - Working status
segcom	Demographics - Social Grade (combined codes)
segall	Demographics - Social Grade (all codes)
lifestage	Demographics - Lifestage
physical	Demographics - The number of days over the past week of 30 minutes or more physical activity
child_in_hh	Demographics - Children in Household
adults_in_hh	Demographics - Number of Adults in Household
hh_size	Demographics - Total Household Size
tenure	Demographics - Housing Tenure
workstat5	Demographics – Working status
q19	Demographics - Ownership or access to a car
q20	Demographics - Ownership of a dog
Generalhealth	Q24 How is your health in general? - Health
internetaccess	Access to the Internet at home, work or elsewhere
email	Access to email at home, work or elsewhere
wellbeing1	ONS WELLBEING QUESTION 1 : Overall how satisfied are you with life nowadays?
wellbeing2	ONS WELLBEING QUESTION 2 : Overall to what extent do you feel that the things you do in your life are worthwhile?
wellbeing3	ONS WELLBEING QUESTION 3 : Overall, how happy did you feel yesterday?
wellbeing4	ONS WELLBEING QUESTION 4 : Overall how anxious did you feel yesterday?
RESIDENCE_LOCALAUTHORITY	Place of residence - Local Authority
RESIDENCE_UPPERTIER_LOCALAUTHORITY	Place of residence - Upper Tier Local Authority
RESIDENCE_REGION	Place of residence - Region
RESIDENCE_CEREMONIALCOUNTY	Place of residence - Ceremonial County
RESIDENCE_NATIONALPARK	Place of residence - National Park
RESIDENCE_AONB	Place of residence - Area of Outstanding Natural Beauty
RESIDENCE_HERITAGECOAST	Place of residence - Heritage Coast

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RESIDENCE_WHS	Place of residence - World Heritage Site
RESIDENCE_NIA	Place of residence - NIA
RESIDENCE_NCA	Place of residence - NCA
RESIDENCE_LOCALACCESSFORUM	Place of residence - Local Access Forum
RESIDENCE_GREENBELT	Place of residence - Green Belt
RESIDENCE_RURALURBAN	Place of residence - Rural or Urban
RESIDENCE_CONSTITUENCY	Place of residence - Parliamentary Constituency
RESIDENCEIMDRANK	Place of residence - Index of Multiple Deprivation Rank

b) Visit based dataset

Variable name	Variable label
RespondentID	The unique identification number of the Respondent
id2	ID2
visitID	Visit ID
year	The survey year
selvisit	Whether the visit was randomly selected for further questions
tripnum	The Respondent's trip number
Interviewdate	Date of interview
Visitdate	Date of randomly selected visit
Q2TO4WEIGHT	Q2 to Q4 weighting variable
WeekVweight	Weekly question weighting variable
MonthVweight	Monthly question weighting variable
QuarterVweight	Quarterly question weighting variable
LAWeightY1WeeklyVISIT	Weight for LA level analysis - Year 1 weekly questions
LAWeightY2WeeklyVISIT	Weight for LA level analysis - Year 2 weekly questions
LAWeightY3WeeklyVISIT	Weight for LA level analysis - Year 3 weekly questions
LAWeightY4WeeklyVISIT	Weight for LA level analysis - Year 4 weekly questions
LAWeightY5WeeklyVISIT	Weight for LA level analysis - Year 5 weekly questions
LAWeightY6WeeklyVISIT	Weight for LA level analysis - Year 6 weekly questions
LAWeightY1Y6WEEKLYVISIT	Weight for LA level analysis - Year 1 to 6 cumulative weekly questions
LAWeightY1Y6MONTHLYVISIT	Weight for LA level analysis - Year 1 to 6 cumulative monthly questions
q1	Number of visits taken by the respondent over the previous seven days
q2	General type of place where most time during the visit was spent
Q3	Total visit duration in minutes (PRE APRIL 2012)
Q3new	Total visit duration in minutes (APRIL 2012 ONWARD)

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q4_01	Visit activity - Eating or Drinking Out
q4_02	Visit activity - Fieldsports
q4_03	Visit activity - Fishing
q4_04	Visit activity - Horse Riding
q4_05	Visit activity - Off Road Cycling or Mountain Biking
q4_06	Visit activity - Off Road Driving or Motorcycling
q4_07	Visit activity - Picnicking
q4_08	Visit activity - Playing with Children
q4_09	Visit activity - Road Cycling
q4_10	Visit activity - Running
q4_11	Visit activity - Appreciating Scenery from a Car
q4_12	Visit activity - Swimming Outdoors
q4_13	Visit activity - Beach, Sunbathing Or Paddling
q4_14	Visit activity - Visiting An Attraction
q4_15	Visit activity - Walking Without a Dog (including short walks, rambling or hill walking)
q4_16	Visit activity - Walking With a Dog (including short walks, rambling or hill walking)
q4_17	Visit activity - Watersports
q4_18	Visit activity - Wildlife Watching
q4_19	Visit activity - Informal Games and Sport (for example Frisbee or gold)
q4_20	Visit activity - Any Other Outdoor Activities
q4_21	Visit activity - none of the activities in the list

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q5_01	Specific visit location included - Woodland or Forest
q5_02	Specific visit location included - Farmland
q5_03	Specific visit location included - Mountain, Hill or Moorland
q5_04	Specific visit location included - River, Lake or Canal
q5_05	Specific visit location included - Village
q5_06	Specific visit location included - Path, Cycleway or Bridleway
q5_07	Specific visit location included - Country Park
q5_08	Specific visit location included - Another open space in the Countryside
q5_09	Specific visit location included - Park in a Town or city
q5_10	Specific visit location included - Allotment or Community Garden
q5_11	Specific visit location included - Children's Playground
q5_12	Specific visit location included - Playing Field or Other Recreation Area
q5_13	Specific visit location included - Another Open Space in a Town or city
q5_14	Specific visit location included - A Beach
q5_15	Specific visit location included - Other Coastline
q5_16	Specific visit location included - Other places not in the list
q5_17	Specific visit location included - Don't know
q8	Distance to visit destination (miles)
q9	Start point of the visit
q11	Form of transport used for the visit
q12_01Y4Y6	Visit motivation - To Spend Time With Family (APRIL 2012 ONWARD)
q12_02 Y4Y6	Visit motivation - To Spend Time With Friends (APRIL 2012 ONWARD)
q12_03 Y4Y6	Visit motivation - To Learn Something About The Outdoors (APRIL 2012 ONWARD)
q12_04 Y4Y6	Visit motivation - For Fresh Air Or To Enjoy Pleasant Weather (APRIL 2012 ONWARD)
q12_05 Y4Y6	Visit motivation - For Health Or Exercise (APRIL 2012 ONWARD)
q12_06 Y4Y6	Visit motivation - For Peace and Quiet (APRIL 2012 ONWARD)
q12_07 Y4Y6	Visit motivation - To Relax And Unwind (APRIL 2012 ONWARD)

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q12_08 Y4Y6	Visit motivation - To Exercise Your Dog (APRIL 2012 ONWARD)
q12_09 Y4Y6	Visit motivation - To Enjoy Scenery (APRIL 2012 ONWARD)
q12_10 Y4Y6	Visit motivation - To Enjoy Wildlife (APRIL 2012 ONWARD)
q12_11 Y4Y6	Visit motivation - To Entertain Children (APRIL 2012 ONWARD)
q12_12 Y4Y6	Visit motivation - To Challenge Yourself Or Achieve Something (APRIL 2012 ONWARD)
q12_13 Y4Y6	Visit motivation - To Be Somewhere You Like (APRIL 2012 ONWARD)
q12_14 Y4Y6	Visit motivation - For Other Reasons (APRIL 2012 ONWARD)
q12_15 Y4Y6	Visit motivation - Don't Know (APRIL 2012 ONWARD)
Q12_1Y1Y3	Visit motivation - To Spend Time With Family (MARCH 2009 - MARCH 2012)
Q12_2Y1Y3	Visit motivation - To Spend Time With Friends (MARCH 2009 - MARCH 2012)
Q12_3Y1Y3	Visit motivation - To Learn Something About The Outdoors (MARCH 2009 - MARCH 2012)
Q12_4Y1Y3	Visit motivation - For Fresh Air Or To Enjoy Pleasant Weather (MARCH 2009 - MARCH 2012)
Q12_5Y1Y3	Visit motivation - For Health Or Exercise (MARCH 2009 - MARCH 2012)
Q12_6Y1Y3	Visit motivation - For Peace and Quiet (MARCH 2009 - MARCH 2012)
Q12_7Y1Y3	Visit motivation - To Relax And Unwind (MARCH 2009 - MARCH 2012)
Q12_8Y1Y3	Visit motivation - To Exercise Your Dog (MARCH 2009 - MARCH 2012)
Q12_9Y1Y3	Visit motivation - To Enjoy Scenery (MARCH 2009 - MARCH 2012)
Q12_10Y1Y3	Visit motivation - To Enjoy Wildlife (MARCH 2009 - MARCH 2012)
Q12_11Y1Y3	Visit motivation - To Entertain Children (MARCH 2009 - MARCH 2012)
Q12_12Y1Y3	Visit motivation - To Challenge Yourself Or Achieve Something (MARCH 2009 - MARCH 2012)
Q12_13Y1Y3	Visit motivation - To Be Somewhere You Like (MARCH 2009 - MARCH 2012)
Q12_14Y1Y3	Visit motivation - For Other Reasons (MARCH 2009 - MARCH 2012)
Q12_15Y1Y3	Visit motivation - Don't Know (MARCH 2009 - MARCH 2012)
q13a	The number of adults aged 16 and over on the visit (including the respondent)
q13b	The number of children aged 16 and under on the visit
q14	Whether a dog was present on the visit
q15_01	Visit expenditure incurred on - Food And Drink

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q15_02	Visit expenditure incurred on - Petrol\Diesel\LPG during the visit
q15_03	Visit expenditure incurred on - Car Parking during the visit
q15_04	Visit expenditure incurred on - Bus\Train\Ferry Fares during the visit
q15_05	Visit expenditure incurred on - Hire of Equipment during the visit
q15_06	Visit expenditure incurred on - Purchase Of Equipment during the visit
q15_07	Visit expenditure incurred on - Maps\Guidebooks\Leaflets during the visit
q15_08	Visit expenditure incurred on - Gifts\souvenirs during the visit
q15_09	Visit expenditure incurred on - Admission Fees during the visit
q15_10	Visit expenditure incurred on - Other Items during the visit
q15_11	Visit expenditure incurred on – No spend
q16_01	Visit expenditure (pence) - Food And Drink
q16_02	Visit expenditure (pence) - Petrol\Diesel\LPG
q16_03	Visit expenditure (pence) - Car Parking
q16_04	Visit expenditure (pence) - Bus\Train\Ferry Fares)
q16_05	Visit expenditure (pence) - Hire Of Equipment
q16_06	Visit expenditure (pence) - Purchase of Equipment
q16_07	Visit expenditure (pence) - Maps\Guidebooks\Leaflets
q16_08	Visit expenditure (pence) - Gifts\Souvenirs
q16_09	Visit expenditure (pence) - Admission Fees
q16_10	Visit expenditure (pence) - Other Items
q16_tot	Visit expenditure (pence) - TOTAL
e1_1	Extent of agreement about visit - I enjoyed it
e1_2	Extent of agreement about visit - It made me feel calm and relaxed
e1_3	Extent of agreement about visit - It made me feel refreshed and revitalised
e1_4	Extent of agreement about visit - I took time to appreciate my surroundings
e1_5	Extent of agreement about visit - I learned something new about the natural world
e1_6	Extent of agreement about visit - I felt close to nature

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q17	Average number of times spent out of doors away from home, over the last 12 months
q18_01	NOT spent more time out of doors over the last 12 months - Bad\poor weather
q18_02	NOT spent more time out of doors over the last 12 months - Old age
q18_03	NOT spent more time out of doors over the last 12 months - Poor health
q18_04	NOT spent more time out of doors over the last 12 months - Physical disability
q18_05	NOT spent more time out of doors over the last 12 months - Pregnant
q18_06	NOT spent more time out of doors over the last 12 months - Having young children
q18_07	NOT spent more time out of doors over the last 12 months - Having other caring responsibilities
q18_08	NOT spent more time out of doors over the last 12 months - Too busy at home
q18_09	NOT spent more time out of doors over the last 12 months - Too busy at work
q18_10	NOT spent more time out of doors over the last 12 months - Not interested
q18_11	NOT spent more time out of doors over the last 12 months – This isn't something for me\ people like mw
q18_12	NOT spent more time out of doors over the last 12 months – Don't like going out on my own
q18_13	NOT spent more time out of doors over the last 12 months - Have no access to a car
q18_14	NOT spent more time out of doors over the last 12 months - Lack of public transport
q18_15	NOT spent more time out of doors over the last 12 months – Too expensive
q18_16	NOT spent more time out of doors over the last 12 months - Prefer to do other leisure activities
q18_17	NOT spent more time out of doors over the last 12 months – Am worried about safety
q18_18	NOT spent more time out of doors over the last 12 months - Concerns about where I am allowed to go or access restrictions
q18_19	NOT spent more time out of doors over the last 12 months - Don't feel welcome\ feel out of place
q18_20	NOT spent more time out of doors over the last 12 months – Lack of suitable places to go
q18_21	NOT spent more time out of doors over the last 12 months – Don't know where to go\ lack of information
q18_23	NOT spent more time out of doors over the last 12 months - No particular reason
q18_24	NOT spent more time out of doors over the last 12 months - Don't Know
e2_1	Extent of agreement about environmental attitudes - Spending time out of doors (including my own garden) is an important part of my life
e2_2	Extent of agreement about environmental attitudes - I am concerned about damage to the natural environment
e2_3	Extent of agreement about environmental attitudes - There are many natural places I may never visit but I am glad they exist

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e2_4	Extent of agreement about environmental attitudes - Having open green spaces close to where I live is important
e3_01	Other participation - Watching or listening to nature programs on the TV or radio
e3_02	Other participation - Looking at books, photos or websites about the natural world
e3_03	Other participation - Looking at natural scenery from indoors or whilst on journeys
e3_04	Other participation - Sitting or relaxing in a garden
e3_05	Other participation - Gardening
e3_06	Other participation - Watching wildlife (including bird watching)
e3_07	Other participation - Choosing to walk through local parks or green spaces on my way to other places
e3_08	Other participation - Doing unpaid voluntary work out of doors
e3_09	Other participation - None of the things in the list
e3_10	Other participation - Don't know
e4_1	Pro-environmental behaviours - I usually recycle items rather than throw them away
e4_2	Pro-environmental behaviours - I usually buy eco-friendly products and brands
e4_3	Pro-environmental behaviours - I usually buy seasonal or locally grown food
e4_4	Pro-environmental behaviours - I choose to walk or cycle instead of using my car when I can
e4_5	Pro-environmental behaviours - I encourage other people to protect the environment
e4_6	Pro-environmental behaviours - I am a member of an environmental or conservation organisation
e4_7	Pro-environmental behaviours - I volunteer to help care for the environment
e4_8	Pro-environmental behaviours - None of these
e4_9	Pro-environmental behaviours - Don't know
e5	Pro-environmental behaviours - Changes in lifestyle
e6_1	My local greenspaces are within easy walking distance
e6_2	My local greenspaces are of a high enough standard to want to spend time there
e6_3	My local greenspaces are easy to get into and around
age	Demographics - Age
sex	Demographics - Gender
ethnicity	Demographics - Ethnicity

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disability	Demographics - Illness or Disability
marital	Demographics - Marital Status
workstat	Demographics - Working status
SEGcombine	Demographics - Social Grade (combined codes)
SEGall	Demographics - Social Grade (all codes)
lifestage	Demographics - Lifestage
car	Demographics - Ownership or access to a Car
dog	Demographics - Ownership of a Dog
physical	Demographics - The number of days over the past week of 30 minutes or more physical activity
children_in_hh	Demographics - Children in Household
adults_in_hh	Demographics - Number of Adults in Household
hh_size	Demographics - Total Household Size
tenure	Demographics - Housing tenure
internetaccess	Internet Access at home, work or other place
email	Whether have an email address
wellbeing1	ONS WELLBEING QUESTION 1 : Overall how satisfied are you with life nowadays?
wellbeing2	ONS WELLBEING QUESTION 2 : Overall to what extent do you feel that the things you do in your life are worthwhile?
wellbeing3	ONS WELLBEING QUESTION 3 : Overall, how happy did you feel yesterday?
wellbeing4	ONS WELLBEING QUESTION 4 : Overall how anxious did you feel yesterday?
DESTINATION_EASTING	Destination - Easting
DESTINATION_NORTHING	Destination - Northing
DESTINATION_LOCALAUTHORITY	Destination - Local Authority
DESTINATION_UPPER_TIER_LOCALAUTHORITY	Destination - Upper Tier Local Authority
DESTINATION_REGION	Destination - Region
DESTINATION_CEREMONIALCOUNTY	Destination - Ceremonial County
DESTINATION_NATIONALPARK	Destination - National Park
DESTINATION_AONB	Destination - Area of Outstanding Natural Beauty

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DESTINATION_HERITAGECOAST	Destination - Heritage Coast
DESTINATION_WORLDHERITAGESITE	Destination - World Heritage Site
DESTINATION_NIA	Destination - NIA
DESTINATION_NCA	Destination - NCA
DESTINATION_LOCALACCESSFORUM	Destination - Local Access Forum
DESTINATION_GREENBELT	Destination - Green Belt
DESTINATION_RURALURBAN	Destination - Rural or Urban
DESTINATION_PARLIAMENTARYCONSTITUENCY	Destination - Parliamentary Constituency
DESTINATION_SSSI	Destination - SSSI
DESTINATION_LNR	Destination - Local Nature Reserve
DESTINATION_NATIONALTRUSTLAND	Destination - National Trust Land
DESTINATION_NNR	Destination - National Nature Reserve
DESTINATION_FORESTRYCOMMISSIONWOODLAND	Destination - Forestry Commission Woodland
DESTINATION_PARKGARDEN	Destination - Registered Park/ Garden
DESTINATION_WITHIN100MOFNATIONALTRAIL	Destination - National Trail (with 100m)
DESTINATION_IMDRANK	Destination - Index of Multiple Deprivation Rank
RESIDENCE_LOCALAUTHORITY	Place of residence - Local Authority
RESIDENCE_UPPERTIERLOCALAUTHORITY	Place of residence - Upper Tier Local Authority
RESIDENCE_REGION	Place of residence - Region
RESIDENCE_CEREMONIALCOUNTY	Place of residence - Ceremonial County
RESIDENCE_NATIONALPARK	Place of residence - National Park
RESIDENCE_AONB	Place of residence - Area of Outstanding Natural Beauty
RESIDENCE_HERITAGECOAST	Place of residence - Heritage Coast
RESIDENCE_WHS	Place of residence - WHS
RESIDENCE_NIA	Place of residence - NIA
RESIDENCE_NCA	Place of residence - NCA
RESIDENCE_LOCALACCESSFORUM	Place of residence - Local Access Forum

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RESIDENCE_GREENBELT	Place of residence - Green Belt
RESIDENCE_RURALURBAN	Place of residence - Rural or Urban
RESIDENCE_CONSTITUENCY	Place of residence - Parliamentary Constituency
RESIDENCE_IMDRANK	Place of residence - Index of Multiple Deprivation Rank