

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

| | |
|-----------------------------------------------|---|
| 1. Introduction | 1 |
| 2. File types..... | 1 |
| 3. Choosing the correct weights..... | 1 |
| 4. Applying weights in SPSS..... | 2 |
| 5. Applying weights in Excel..... | 2 |
| 6. Weighting list and application guide | 3 |
| 7. Variable guide | 6 |

1. Introduction

This short guide explains how to apply weights to the data from the Wales Outdoor Recreation Survey (WORS). It is aimed at those who have downloaded the data from the Natural Resources Wales website and intend to run their own analysis.

The WORS 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 adult population living in Wales. For further information about the weighting system please see the WORS Technical Report available from the Natural Resources Wales website¹.

WORS 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.

2. File types

Raw data is available in SPSS and Excel formats with the weights presented as a series of variables within each dataset.

There are two separate weights that can be applied to the WORS dataset – one that relates to visits taken to the natural environment by respondents in the four weeks prior to interview (the visit based data); the other is for findings from other questions that are not dependant on whether a respondent has taken such a visit (the respondent based data). The weights are presented as a series of variables within each dataset.

3. Choosing the correct weights

The weights gross the sample result up to the adult population of Wales (for the respondent based data) or the estimated visits taken (visit based data). **After the weights are applied, read all figures as thousands i.e. a figure of 1,000 should be read as 1,000,000.**

For a full list of WORS questions and weights please see sections 6 and 7.

¹ www.cyfoethnaturiolcymru.gov.uk / www.naturalresourceswales.gov.uk

4. Applying weights in SPSS

1. Start SPSS and load the data using the **File> Open> Data** command.
2. To weight the data select **Data> Weight Cases**. This will open the Weight Cases dialog box.
3. Select **Weight Cases By**, and then in the left hand column select the weight variable to use for the analysis (RespondentWeight for Respondent based results, VisitWeight for Visit based results - see section 6 for details of which weight to apply).
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 some 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.

5. Applying weights in Excel

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 - WORS2014'
2. Select side break by dragging variable to **Row Labels**.
3. If required select a cross break (e.g. Age) by dragging variable to **Column Labels**
4. If required, add filter to apply (e.g. so results are only shown for a certain age or sub-group) by dragging variable to **Report Filter**.
5. Select the appropriate weighting variable and drag it into **Values**. Please see section 6 for a guide to the correct to apply for each question.
6. The pivot table report will produce figures with the correct weights added. To see the raw data click on sheet 2.

6. 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 the WORS Technical Report for the full questionnaire.

| Question | Weighting to apply |
|---------------------------------------------------------------------------|--------------------|
| Q1a – Activities done during visits to the outdoors in the last 12 months | Respondent |
| Q2 – Activities done during visits to the outdoors in the last 4 weeks | Respondent |
| Q3a – Number of visits to the outdoors in the last 4 weeks | Respondent |
| Q4 – Activities done on most recent visit to the outdoors | Visit |
| Q4c – Main activity done on most recent visit to the outdoors | Visit |
| Q5 – Time spent doing main activity most recent visit | Visit |
| Q6a – Whether effort enough to raise breathing rate | Visit |
| Q6b – Whether effort enough to make them out of breath/ sweat | Visit |
| Q7a – Places visited on most recent visit to the outdoors | Visit |
| Q7b – Main place visited on most recent visit to the outdoors | Visit |
| Q8 – Distance travelled to reach destination of most recent visit | Visit |

| | |
|-----------------------------------------------------------------------------------------|------------|
| Q9 – Main mode of transport used on most recent visit | Visit |
| Q10 – Visit duration (most recent visit) | Visit |
| Q11 – Who with on most recent visit | Visit |
| Q12 – Number of people in party (most recent visit) | Visit |
| Q13 – Number of children in party (most recent visit) | Visit |
| Q14 – Whether with a dog (most recent visit) | Visit |
| Q15 – Reasons for visiting (most recent visit) | Visit |
| Q15a – Whether spent any money on most recent visit – by category | Visit |
| Q15b – Amount spent on most recent visit – by category | Visit |
| Q16 – Reasons not made any visits to the outdoors in the last 4 weeks | Respondent |
| Q16a – Reasons not made any visits to the outdoors in the last 12 months | Respondent |
| Q17 – Whether would like to visit outdoors more often | Respondent |
| Q18 – Activities would like to do/ do more often | Respondent |
| Q19 – Barriers to taking part in activities at all/ more often in last 12 months | Respondent |
| Q20 – Places visited (last 12 months) | Respondent |
| Q21 – Places would like to visit/ visit more often | Respondent |

| | |
|-------------------------------------------------------------------------------------|------------|
| Q22a – Whether there has been a change in biodiversity in Wales | Respondent |
| Q22b – Whether there will be a change in biodiversity in Wales in the future | Respondent |
| Q23 – Concern about changes to variety of species in Wales | Respondent |
| Q24 – Pro-environmental activities undertaken in last 12 months | Respondent |
| D1 – Gender | Respondent |
| D2/3 – Age | Respondent |
| D4 – Ethnicity | Respondent |
| D5 – Highest educational qualification | Respondent |
| D6 – Car access | Respondent |
| D7 – Bicycle access | Respondent |
| D8 – Whether own/ care for a dog | Respondent |
| D9 – Long-term illness/disability | Respondent |
| D10 – Whether long-term illness/disability limits activities | Respondent |
| D11 – Whether carer | Respondent |
| D12 – Children under 16 (care for/ support) | Respondent |
| D13 – Working status | Respondent |

| | |
|-------------------------------|------------|
| D17 – Household income | Respondent |
|-------------------------------|------------|

7. Variable guide

The table below specifies variable names and labels in the WORS raw data files (SPSS and MS Excel format) available to download from the Natural Resources Wales website².

| Variable | Variable label |
|-----------------|--------------------------------------------------------------------------------------------------|
| q1a_01 | Activities undertaken on outdoor visits (last 12 months): Walking |
| q1a_02 | Activities undertaken on outdoor visits (last 12 months): Road cycling |
| q1a_03 | Activities undertaken on outdoor visits (last 12 months): Off-road cycling or mountain biking |
| q1a_04 | Activities undertaken on outdoor visits (last 12 months): Horse riding |
| q1a_05 | Activities undertaken on outdoor visits (last 12 months): Fishing |
| q1a_06 | Activities undertaken on outdoor visits (last 12 months): Rock climbing or caving |
| q1a_07 | Activities undertaken on outdoor visits (last 12 months): Motorised watersports |
| q1a_08 | Activities undertaken on outdoor visits (last 12 months): Other watersports |
| q1a_09 | Activities undertaken on outdoor visits (last 12 months): Swimming outdoors |
| q1a_10 | Activities undertaken on outdoor visits (last 12 months): Snowsports |
| q1a_11 | Activities undertaken on outdoor visits (last 12 months): Field sports (shooting / hunting) |
| q1a_12 | Activities undertaken on outdoor visits (last 12 months): Air sports (hang gliding / ballooning) |
| q1a_13 | Activities undertaken on outdoor visits (last 12 months): Wildlife watching |

² www.cyfoethnaturiolcymru.gov.uk / www.naturalresourceswales.gov.uk

| | |
|--------|----------------------------------------------------------------------------------------------------------------------------------|
| q1a_14 | Activities undertaken on outdoor visits (last 12 months): Running |
| q1a_15 | Activities undertaken on outdoor visits (last 12 months): Sightseeing or visiting an attraction |
| q1a_16 | Activities undertaken on outdoor visits (last 12 months): Off-road driving or motorcycling |
| q1a_17 | Activities undertaken on outdoor visits (last 12 months): Picnicking (as a significant part of the activity) |
| q1a_18 | Activities undertaken on outdoor visits (last 12 months): Visiting children's playgrounds/taking children to play areas outdoors |
| q1a_19 | Activities undertaken on outdoor visits (last 12 months): Informal games |
| q1a_20 | Activities undertaken on outdoor visits (last 12 months): Others |
| q1a_21 | Activities undertaken on outdoor visits (last 12 months): No answer |
| q2_01 | Activities undertaken on outdoor visits (last 4 weeks): Walking |
| q2_02 | Activities undertaken on outdoor visits (last 4 weeks): Road cycling |
| q2_03 | Activities undertaken on outdoor visits (last 4 weeks): Off-road cycling or mountain biking |
| q2_04 | Activities undertaken on outdoor visits (last 4 weeks): Horse riding |
| q2_05 | Activities undertaken on outdoor visits (last 4 weeks): Fishing |
| q2_06 | Activities undertaken on outdoor visits (last 4 weeks): Rock climbing or caving |
| q2_07 | Activities undertaken on outdoor visits (last 4 weeks): Motorised watersports |
| q2_08 | Activities undertaken on outdoor visits (last 4 weeks): Other watersports |
| q2_09 | Activities undertaken on outdoor visits (last 4 weeks): Swimming outdoors |
| q2_10 | Activities undertaken on outdoor visits (last 4 weeks): Snowsports |
| q2_11 | Activities undertaken on outdoor visits (last 4 weeks): Field sports (shooting / hunting) |
| q2_12 | Activities undertaken on outdoor visits (last 4 weeks): Air sports (hang gliding / ballooning) |
| q2_13 | Activities undertaken on outdoor visits (last 4 weeks): Wildlife watching |
| q2_14 | Activities undertaken on outdoor visits (last 4 weeks): Running |

| | |
|--------|--------------------------------------------------------------------------------------------------------------------------------|
| q2_15 | Activities undertaken on outdoor visits (last 4 weeks): Sightseeing or visiting an attraction |
| q2_16 | Activities undertaken on outdoor visits (last 4 weeks): Off-road driving or motorcycling |
| q2_17 | Activities undertaken on outdoor visits (last 4 weeks): Picnicking (as a significant part of the activity) |
| q2_18 | Activities undertaken on outdoor visits (last 4 weeks): Visiting children's playgrounds/taking children to play areas outdoors |
| q2_19 | Activities undertaken on outdoor visits (last 4 weeks): Informal games |
| q2_20 | Activities undertaken on outdoor visits (last 4 weeks): Other |
| q2_21 | Activities undertaken on outdoor visits (last 4 weeks): No answer |
| q3a | Number of visits to outdoors in last 4 weeks |
| q4a_01 | Activities undertaken (most recent outdoor visit): Walking |
| q4a_02 | Activities undertaken (most recent outdoor visit): Road cycling |
| q4a_03 | Activities undertaken (most recent outdoor visit): Off-road cycling or mountain biking |
| q4a_04 | Activities undertaken (most recent outdoor visit): Horse riding |
| q4a_05 | Activities undertaken (most recent outdoor visit): Fishing |
| q4a_06 | Activities undertaken (most recent outdoor visit): Rock climbing or caving |
| q4a_07 | Activities undertaken (most recent outdoor visit): Motorised watersports |
| q4a_08 | Activities undertaken (most recent outdoor visit): Other watersports |
| q4a_09 | Activities undertaken (most recent outdoor visit): Swimming outdoors |
| q4a_10 | Activities undertaken (most recent outdoor visit): Snowsports |
| q4a_11 | Activities undertaken (most recent outdoor visit): Field sports (shooting / hunting) |
| q4a_12 | Activities undertaken (most recent outdoor visit): Air sports (hang gliding / ballooning) |
| q4a_13 | Activities undertaken (most recent outdoor visit): Wildlife watching |
| q4a_14 | Activities undertaken (most recent outdoor visit): Running |

| | |
|--------|---------------------------------------------------------------------------------------------------------------------------|
| q4a_15 | Activities undertaken (most recent outdoor visit): Sightseeing or visiting an attraction |
| q4a_16 | Activities undertaken (most recent outdoor visit): Off-road driving or motorcycling |
| q4a_17 | Activities undertaken (most recent outdoor visit): Picnicking (as a significant part of the activity) |
| q4a_18 | Activities undertaken (most recent outdoor visit): Visiting children's playgrounds/taking children to play areas outdoors |
| q4a_19 | Activities undertaken (most recent outdoor visit): Informal games |
| q4a_20 | Activities undertaken (most recent outdoor visit): Other |
| q4c | Main activity undertaken (most recent visit) |
| q5_01 | Time spent in outdoors (most recent visit): 0 - 29 minutes |
| q5_02 | Time spent in outdoors (most recent visit): 30 - 59 minutes |
| q5_03 | Time spent in outdoors (most recent visit): 1 hr - 1 hr 59 |
| q5_04 | Time spent in outdoors (most recent visit): 2 hr - 2 hr 59 |
| q5_05 | Time spent in outdoors (most recent visit): 3 hr - 4 hr 59 |
| q5_06 | Time spent in outdoors (most recent visit): 5 hours or more |
| q5_07 | Time spent in outdoors (most recent visit): Don't know |
| q6a | Whether activity enough to raise breathing rate |
| q6b | Whether activity enough to make out of breath/sweat |
| q6a_b | Whether done activity that raised breathing rate/caused to sweat |
| q7a_01 | Places visited (most recent visit): Woodland or forest |
| q7a_02 | Places visited (most recent visit): Farmland |
| q7a_03 | Places visited (most recent visit): Local park |
| q7a_04 | Places visited (most recent visit): Other local open space |
| q7a_05 | Places visited (most recent visit): Roadside pavement/track |

| | |
|--------|-----------------------------------------------------------------------------------------------|
| q7a_06 | Places visited (most recent visit): Hills, mountains or moorland |
| q7a_07 | Places visited (most recent visit): River, lake or canal |
| q7a_08 | Places visited (most recent visit): Beach |
| q7a_09 | Places visited (most recent visit): Sea |
| q7a_10 | Places visited (most recent visit): Other coastline |
| q7a_11 | Places visited (most recent visit): Village |
| q7a_12 | Places visited (most recent visit): Other |
| q7b | Main place visited (most recent visit) |
| q8 | Distance travelled (most recent visit) |
| q9 | Main mode of transport (most recent visit) |
| q10 | Total visit duration (most recent visit) |
| q11_01 | Who with (most recent visit): No-one, I went on my own |
| q11_02 | Who with (most recent visit): I went with my family |
| q11_03 | Who with (most recent visit): I went with my friends |
| q11_04 | Who with (most recent visit): I went as part of an organised group |
| q11_05 | Who with (most recent visit): Other |
| q12 | Number of people in party (most recent visit) |
| q13 | Number of children in party (most recent visit) |
| q14 | Whether accompanied by dog (most recent visit) |
| q15_01 | Reasons for visiting outdoors (most recent visit): To spend time with family |
| q15_02 | Reasons for visiting outdoors (most recent visit): To spend time with friends |
| q15_03 | Reasons for visiting outdoors (most recent visit): To learn something about the outdoors |
| q15_04 | Reasons for visiting outdoors (most recent visit): For fresh air or to enjoy pleasant weather |

| | |
|---------|--------------------------------------------------------------------------------------------------|
| q15_05 | Reasons for visiting outdoors (most recent visit): For health or exercise |
| q15_06 | Reasons for visiting outdoors (most recent visit): For peace and quiet |
| q15_07 | Reasons for visiting outdoors (most recent visit): To relax and unwind |
| q15_08 | Reasons for visiting outdoors (most recent visit): To exercise your dog |
| q15_09 | Reasons for visiting outdoors (most recent visit): To enjoy scenery and wildlife |
| q15_10 | Reasons for visiting outdoors (most recent visit): To entertain children |
| q15_11 | Reasons for visiting outdoors (most recent visit): To challenge myself |
| q15_12 | Reasons for visiting outdoors (most recent visit): To achieve something |
| q15_13 | Reasons for visiting outdoors (most recent visit): To enjoy/participate in my hobby |
| q15_14 | Reasons for visiting outdoors (most recent visit): Don't know |
| q15_15 | Reasons for visiting outdoors (most recent visit): For pleasure/enjoyment |
| q15_16 | Reasons for visiting outdoors (most recent visit): To get somewhere (e.g. walking to work/shops) |
| q15_17 | Reasons for visiting outdoors (most recent visit): Other |
| q15a_01 | Any expenditure on items during visit: Food and drink |
| q15a_02 | Any expenditure on items during visit: Petrol/diesel/LPG |
| q15a_03 | Any expenditure on items during visit: Car parking |
| q15a_04 | Any expenditure on items during visit: Bus/Train/ferry fares |
| q15a_05 | Any expenditure on items during visit: Hire of equipment |
| q15a_06 | Any expenditure on items during visit: Purchase of equipment |
| q15a_07 | Any expenditure on items during visit: Maps/guidebooks/leaflets |
| q15a_08 | Any expenditure on items during visit: Gifts/souvenirs |
| q15a_09 | Any expenditure on items during visit: Admission fees |
| q15a_10 | Any expenditure on items during visit: Other items |

| | |
|----------|------------------------------------------------------------------------------------------------|
| q15a_11 | Any expenditure on items during visit: Didn't spend any money |
| q15b_01 | Expenditure on Food and drink: Total (all who spent anything on category on visit) |
| q15b_02 | Expenditure on Food and drink: Less than £1: (all who spent anything on category on visit) |
| q15b_03 | Expenditure on Food and drink: £1 to £4.99: (all who spent anything on category on visit) |
| q15b_04 | Expenditure on Food and drink: £5 to £9.99 : (all who spent anything on category on visit) |
| q15b_05 | Expenditure on Food and drink: £10 to £14.99: (all who spent anything on category on visit) |
| q15b_06 | Expenditure on Food and drink: £15 to £19.99: (all who spent anything on category on visit) |
| q15b_07 | Expenditure on Food and drink: £20 to £29.99: (all who spent anything on category on visit) |
| q15b_08 | Expenditure on Food and drink: £30 plus: (all who spent anything on category on visit) |
| q15b_09 | Expenditure on Petrol/diesel/LPG: Total: (all who spent anything on category on visit) |
| q15b_10 | Expenditure on Petrol/diesel/LPG: Less than £1: (all who spent anything on category on visit) |
| q15b_11 | Expenditure on Petrol/diesel/LPG: £1 to £4.99: (all who spent anything on category on visit) |
| q15b_012 | Expenditure on Petrol/diesel/LPG: £5 to £9.99: (all who spent anything on category on visit) |
| q15b_13 | Expenditure on Petrol/diesel/LPG: £10 to £14.99: (all who spent anything on category on visit) |
| q15b_14 | Expenditure on Petrol/diesel/LPG: £15 to £19.99: (all who spent anything on category on visit) |
| q15b_15 | Expenditure on Petrol/diesel/LPG: £20 to £29.99: (all who spent anything on category on visit) |
| q15b_16 | Expenditure on Petrol/diesel/LPG: £30 plus: (all who spent anything on category on visit) |
| q15b_17 | Expenditure on Car parking: Total: (all who spent anything on category on visit) |
| q15b_18 | Expenditure on Car parking: Less than £1.: (all who spent anything on category on visit) |
| q15b_19 | Expenditure on Car parking: £1 to £4.99: (all who spent anything on category on visit) |
| q15b_20 | Expenditure on Car parking: £5 to £9.99: (all who spent anything on category on visit) |
| q15b_21 | Expenditure on Car parking: £10 to £14.99: (all who spent anything on category on visit) |
| q15b_22 | Expenditure on Car parking: £15 to £19.99: (all who spent anything on category on visit) |

| | |
|---------|---------------------------------------------------------------------------------------------------|
| q15b_23 | Expenditure on Car parking: £20 to £29.99: (all who spent anything on category on visit |
| q15b_24 | Expenditure on Car parking: £30 plus: (all who spent anything on category on visit |
| q15b_25 | Expenditure on Bus/Train/ferry fares: Total: (all who spent anything on category on visit |
| q15b_26 | Expenditure on Bus/Train/ferry fares: Less than £1: (all who spent anything on category on visit |
| q15b_27 | Expenditure on Bus/Train/ferry fares: £1 to £4.99: (all who spent anything on category on visit |
| q15b_28 | Expenditure on Bus/Train/ferry fares: £5 to £9.99: (all who spent anything on category on visit |
| q15b_29 | Expenditure on Bus/Train/ferry fares: £10 to £14.99: (all who spent anything on category on visit |
| q15b_30 | Expenditure on Bus/Train/ferry fares: £15 to £19.99: (all who spent anything on category on visit |
| q15b_31 | Expenditure on Bus/Train/ferry fares: £20 to £29.99: (all who spent anything on category on visit |
| q15b_32 | Expenditure on Bus/Train/ferry fares: £30 plus: (all who spent anything on category on visit |
| q15b_33 | Expenditure on Hire of equipment: Total: (all who spent anything on category on visit |
| q15b_34 | Expenditure on Hire of equipment: Less than £1: (all who spent anything on category on visit |
| q15b_35 | Expenditure on Hire of equipment: £1 to £4.99: (all who spent anything on category on visit |
| q15b_36 | Expenditure on Hire of equipment: £5 to £9.99: (all who spent anything on category on visit |
| q15b_37 | Expenditure on Hire of equipment: £10 to £14.99: (all who spent anything on category on visit |
| q15b_38 | Expenditure on Hire of equipment: £15 to £19.99: (all who spent anything on category on visit |
| q15b_39 | Expenditure on Hire of equipment: £20 to £29.99: (all who spent anything on category on visit |
| q15b_40 | Expenditure on Hire of equipment: £30 plus: (all who spent anything on category on visit |
| q15b_41 | Expenditure on Purchase of equipment: Total: (all who spent anything on category on visit |
| q15b_42 | Expenditure on Purchase of equipment: Less than £1: (all who spent anything on category on visit |
| q15b_43 | Expenditure on Purchase of equipment: £1 to £4.99: (all who spent anything on category on visit |
| q15b_44 | Expenditure on Purchase of equipment: £5 to £9.99: (all who spent anything on category on visit |
| q15b_45 | Expenditure on Purchase of equipment: £10 to £14.99: (all who spent anything on category on visit |

| | |
|---------|------------------------------------------------------------------------------------------------------|
| q15b_46 | Expenditure on Purchase of equipment: £15 to £19.99: (all who spent anything on category on visit |
| q15b_47 | Expenditure on Purchase of equipment: £20 to £29.99: (all who spent anything on category on visit |
| q15b_48 | Expenditure on Purchase of equipment: £30 plus: (all who spent anything on category on visit |
| q15b_49 | Expenditure on Maps/guidebooks/leaflets: Total: (all who spent anything on category on visit |
| q15b_50 | Expenditure on Maps/guidebooks/leaflets: Less than £1: (all who spent anything on category on visit |
| q15b_51 | Expenditure on Maps/guidebooks/leaflets: £1 to £4.99: (all who spent anything on category on visit |
| q15b_52 | Expenditure on Maps/guidebooks/leaflets: £5 to £9.99: (all who spent anything on category on visit |
| q15b_53 | Expenditure on Maps/guidebooks/leaflets: £10 to £14.99: (all who spent anything on category on visit |
| q15b_54 | Expenditure on Maps/guidebooks/leaflets: £15 to £19.99: (all who spent anything on category on visit |
| q15b_55 | Expenditure on Maps/guidebooks/leaflets: £20 to £29.99: (all who spent anything on category on visit |
| q15b_56 | Expenditure on Maps/guidebooks/leaflets: £30 plus: (all who spent anything on category on visit |
| q15b_57 | Expenditure on Gifts/souvenirs: Total: (all who spent anything on category on visit |
| q15b_58 | Expenditure on Gifts/souvenirs: Less than £1: (all who spent anything on category on visit |
| q15b_59 | Expenditure on Gifts/souvenirs: £1 to £4.99: (all who spent anything on category on visit |
| q15b_60 | Expenditure on Gifts/souvenirs: £5 to £9.99: (all who spent anything on category on visit |
| q15b_61 | Expenditure on Gifts/souvenirs: £10 to £14.99: (all who spent anything on category on visit |
| q15b_62 | Expenditure on Gifts/souvenirs: £15 to £19.99: (all who spent anything on category on visit |
| q15b_63 | Expenditure on Gifts/souvenirs: £20 to £29.99: (all who spent anything on category on visit |
| q15b_64 | Expenditure on Gifts/souvenirs: £30 plus: (all who spent anything on category on visit |
| q15b_65 | Expenditure on Admission fees: Total: (all who spent anything on category on visit |
| q15b_66 | Expenditure on Admission fees: Less than £1: (all who spent anything on category on visit |
| q15b_67 | Expenditure on Admission fees: £1 to £4.99: (all who spent anything on category on visit |
| q15b_68 | Expenditure on Admission fees: £5 to £9.99: (all who spent anything on category on visit |

| | |
|----------|--------------------------------------------------------------------------------------------|
| q15b_69 | Expenditure on Admission fees: £10 to £14.99: (all who spent anything on category on visit |
| q15b_70 | Expenditure on Admission fees: £15 to £19.99: (all who spent anything on category on visit |
| q15b_71 | Expenditure on Admission fees: £20 to £29.99: (all who spent anything on category on visit |
| q15b_72 | Expenditure on Admission fees: £30 plus: (all who spent anything on category on visit |
| q15b_73 | Expenditure on Other items: Total: (all who spent anything on category on visit |
| q15b_74 | Expenditure on Other items: Less than £1: (all who spent anything on category on visit |
| q15b_75 | Expenditure on Other items: £1 to £4.99: (all who spent anything on category on visit |
| q15b_76 | Expenditure on Other items: £5 to £9.99: (all who spent anything on category on visit |
| q15b_77 | Expenditure on Other items: £10 to £14.99: (all who spent anything on category on visit |
| q15b_78 | Expenditure on Other items: £15 to £19.99: (all who spent anything on category on visit |
| q15b_79 | Expenditure on Other items: £20 to £29.99: (all who spent anything on category on visit |
| q15b_80 | Expenditure on Other items: £30 plus: (all who spent anything on category on visit |
| q15b_81 | Total Expenditure on items: Total : (all who spent anything on visit) |
| q15b_82 | Total Expenditure on items: Less than £1:(all who spent anything on visit) |
| q15b_83 | Total Expenditure on items: £1 to £4.99:(all who spent anything on visit) |
| q15b_84 | Total Expenditure on items: £5 to £9.99:(all who spent anything on visit) |
| q15b_85 | Total Expenditure on items: £10 to £14.99:(all who spent anything on visit) |
| q15b_86 | Total Expenditure on items: £15 to £19.99:(all who spent anything on visit) |
| q15b_87 | Total Expenditure on items: £20 to £29.99:(all who spent anything on visit) |
| q15b_88 | Total Expenditure on items: £30 plus:(all who spent anything on visit) |
| q15bx_01 | Expenditure on Food and drink: (all respondents) |
| q15bx_02 | Expenditure on Petrol/diesel/LPG: (all respondents) |
| q15bx_03 | Expenditure on Car parking: (all respondents) |

| | |
|----------|-------------------------------------------------------------------------------------------------|
| q15bx_04 | Expenditure on Bus/Train/ferry fares: (all respondents) |
| q15bx_05 | Expenditure on Hire of equipment: (all respondents) |
| q15bx_06 | Expenditure on Purchase of equipment: (all respondents) |
| q15bx_07 | Expenditure on Maps/guidebooks/leaflets: (all respondents) |
| q15bx_08 | Expenditure on Gifts/souvenirs: (all respondents) |
| q15bx_09 | Expenditure on Admission fees: (all respondents) |
| q15bx_10 | Expenditure on Other items: (all respondents) |
| q15bx_11 | Total Expenditure on items: (all respondents) |
| q16a_01 | Reasons not visited (last 4 weeks): Always too busy / lack of time |
| q16a_02 | Reasons not visited (last 4 weeks): No-one to look after matters at home while I am away |
| q16a_03 | Reasons not visited (last 4 weeks): Too difficult with children |
| q16a_04 | Reasons not visited (last 4 weeks): Too difficult with elderly |
| q16a_05 | Reasons not visited (last 4 weeks): Too difficult with disabled |
| q16a_06 | Reasons not visited (last 4 weeks): Bad / poor weather |
| q16a_07 | Reasons not visited (last 4 weeks): Physical disability |
| q16a_08 | Reasons not visited (last 4 weeks): Pregnant |
| q16a_09 | Reasons not visited (last 4 weeks): Old age |
| q16a_10 | Reasons not visited (last 4 weeks): Other health reason |
| q16a_11 | Reasons not visited (last 4 weeks): Lack of information on where to go / Don't know where to go |
| q16a_12 | Reasons not visited (last 4 weeks): Lack of suitable places to go |
| q16a_13 | Reasons not visited (last 4 weeks): Prefer to go to other places |
| q16a_14 | Reasons not visited (last 4 weeks): Prefer to do other leisure activities |
| q16a_15 | Reasons not visited (last 4 weeks): Wouldn't enjoy it |

| | |
|---------|------------------------------------------------------------------------------------------------------------------|
| q16a_16 | Reasons not visited (last 4 weeks): Prevented or discouraged by land owners / managers |
| q16a_17 | Reasons not visited (last 4 weeks): Nervous or uneasy about what might happen (eg Personal safety, getting lost) |
| q16a_18 | Reasons not visited (last 4 weeks): Not enough money / can't afford it |
| q16a_19 | Reasons not visited (last 4 weeks): No-one to go with |
| q16a_20 | Reasons not visited (last 4 weeks): Don't feel like I fit in / belong / am welcome |
| q16a_21 | Reasons not visited (last 4 weeks): Lack of suitable means of transport / getting there |
| q16a_22 | Reasons not visited (last 4 weeks): Dislike travelling |
| q16a_23 | Reasons not visited (last 4 weeks): Not convenient |
| q16a_24 | Reasons not visited (last 4 weeks): Not interested |
| q16a_25 | Reasons not visited (last 4 weeks): No particular reason |
| q16a_26 | Reasons not visited (last 4 weeks): Other |
| q16a_27 | Reasons not visited (last 4 weeks): Don't know |
| q16b_01 | Reasons not visited (last 12 months): Always too busy / lack of time |
| q16b_02 | Reasons not visited (last 12 months): No-one to look after matters at home while I am away |
| q16b_03 | Reasons not visited (last 12 months): Too difficult with children |
| q16b_04 | Reasons not visited (last 12 months): Too difficult with elderly |
| q16b_05 | Reasons not visited (last 12 months): Too difficult with disabled |
| q16b_06 | Reasons not visited (last 12 months): Bad / poor weather |
| q16b_07 | Reasons not visited (last 12 months): Physical disability |
| q16b_08 | Reasons not visited (last 12 months): Pregnant |
| q16b_09 | Reasons not visited (last 12 months): Old age |
| q16b_10 | Reasons not visited (last 12 months): Other health reason |

| | |
|---------|--------------------------------------------------------------------------------------------------------------------|
| q16b_11 | Reasons not visited (last 12 months): Lack of information on where to go / Don't know where to go |
| q16b_12 | Reasons not visited (last 12 months): Lack of suitable places to go |
| q16b_13 | Reasons not visited (last 12 months): Prefer to go to other places |
| q16b_14 | Reasons not visited (last 12 months): Prefer to do other leisure activities |
| q16b_15 | Reasons not visited (last 12 months): Wouldn't enjoy it |
| q16b_16 | Reasons not visited (last 12 months): Prevented or discouraged by land owners / managers |
| q16b_17 | Reasons not visited (last 12 months): Nervous or uneasy about what might happen (eg Personal safety, getting lost) |
| q16b_18 | Reasons not visited (last 12 months): Not enough money / can't afford it |
| q16b_19 | Reasons not visited (last 12 months): No-one to go with |
| q16b_20 | Reasons not visited (last 12 months): Don't feel like I fit in / belong / am welcome |
| q16b_21 | Reasons not visited (last 12 months): Lack of suitable means of transport / getting there |
| q16b_22 | Reasons not visited (last 12 months): Dislike travelling |
| q16b_23 | Reasons not visited (last 12 months): Not convenient |
| q16b_24 | Reasons not visited (last 12 months): Not interested |
| q16b_25 | Reasons not visited (last 12 months): No particular reason |
| q16b_26 | Reasons not visited (last 12 months): Other |
| q16b_27 | Reasons not visited (last 12 months): Don't know |
| q17 | Whether would like to visit outdoors more often |
| q18_01 | Outdoor activities would like to do more often: Walking |
| q18_02 | Outdoor activities would like to do more often: Road cycling |
| q18_03 | Outdoor activities would like to do more often: Off-road cycling or mountain biking |
| q18_04 | Outdoor activities would like to do more often: Horse riding |

| | |
|--------|---------------------------------------------------------------------------------------------------------------------------|
| q18_05 | Outdoor activities would like to do more often: Fishing |
| q18_06 | Outdoor activities would like to do more often: Rock climbing or caving |
| q18_07 | Outdoor activities would like to do more often: Motorised watersports |
| q18_08 | Outdoor activities would like to do more often: Other watersports |
| q18_09 | Outdoor activities would like to do more often: Swimming outdoors |
| q18_10 | Outdoor activities would like to do more often: Snowsports |
| q18_11 | Outdoor activities would like to do more often: Field sports (shooting / hunting) |
| q18_12 | Outdoor activities would like to do more often: Air sports (hang gliding / ballooning) |
| q18_13 | Outdoor activities would like to do more often: Wildlife watching |
| q18_14 | Outdoor activities would like to do more often: Running |
| q18_15 | Outdoor activities would like to do more often: Sightseeing or visiting an attraction |
| q18_16 | Outdoor activities would like to do more often: Off-road driving or motorcycling |
| q18_17 | Outdoor activities would like to do more often: Picnicking (as a significant part of the activity) |
| q18_18 | Outdoor activities would like to do more often: Visiting children's playgrounds / taking children to play areas outdoors |
| q18_19 | Outdoor activities would like to do more often: Informal games (eg Frisbee or golf) |
| q18_20 | Outdoor activities would like to do more often: Other outdoor activities |
| q18_21 | Outdoor activities would like to do more often: Other |
| q18_22 | Outdoor activities would like to do more often: No answer |
| q18_23 | Outdoor activities would like to do more often: Don't know |
| q19_01 | Reasons for not doing activities at all/more often (last 12 months): Always too busy / lack of time |
| q19_02 | Reasons for not doing activities at all/more often (last 12 months): No-one to look after matters at home while I am away |
| q19_03 | Reasons for not doing activities at all/more often (last 12 months): Too difficult with children |

| | |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| q19_04 | Reasons for not doing activities at all/more often (last 12 months): Too difficult with elderly |
| q19_05 | Reasons for not doing activities at all/more often (last 12 months): Too difficult with disabled |
| q19_06 | Reasons for not doing activities at all/more often (last 12 months): Bad / poor weather |
| q19_07 | Reasons for not doing activities at all/more often (last 12 months): Physical disability |
| q19_08 | Reasons for not doing activities at all/more often (last 12 months): Pregnant |
| q19_09 | Reasons for not doing activities at all/more often (last 12 months): Old age |
| q19_10 | Reasons for not doing activities at all/more often (last 12 months): Other health reason |
| q19_11 | Reasons for not doing activities at all/more often (last 12 months): Lack of information on where to go / Don't know where to go |
| q19_12 | Reasons for not doing activities at all/more often (last 12 months): Lack of suitable places to go |
| q19_13 | Reasons for not doing activities at all/more often (last 12 months): Prefer to go to other places |
| q19_14 | Reasons for not doing activities at all/more often (last 12 months): Prefer to do other leisure activities |
| q19_15 | Reasons for not doing activities at all/more often (last 12 months): Wouldn't enjoy it |
| q19_16 | Reasons for not doing activities at all/more often (last 12 months): Prevented or discouraged by land owners / managers |
| q19_17 | Reasons for not doing activities at all/more often (last 12 months): Nervous or uneasy about what might happen (eg Personal safety, getting lost) |
| q19_18 | Reasons for not doing activities at all/more often (last 12 months): Not enough money / can't afford it |
| q19_19 | Reasons for not doing activities at all/more often (last 12 months): No-one to go with |
| q19_20 | Reasons for not doing activities at all/more often (last 12 months): Don't feel like I fit in / belong / am welcome |
| q19_21 | Reasons for not doing activities at all/more often (last 12 months): Lack of suitable means of transport / getting there |
| q19_22 | Reasons for not doing activities at all/more often (last 12 months): Dislike travelling |
| q19_23 | Reasons for not doing activities at all/more often (last 12 months): Not convenient |

| | |
|--------|-------------------------------------------------------------------------------------------|
| q19_24 | Reasons for not doing activities at all/more often (last 12 months): Not interested |
| q19_25 | Reasons for not doing activities at all/more often (last 12 months): No particular reason |
| q19_26 | Reasons for not doing activities at all/more often (last 12 months): Other |
| q19_27 | Reasons for not doing activities at all/more often (last 12 months): Don't know |
| q19_28 | Reasons for not doing activities at all/more often (last 12 months): Not asked |
| q20_01 | Places visited (last 12 months): Woodland or forest |
| q20_02 | Places visited (last 12 months): Farmland |
| q20_03 | Places visited (last 12 months): Local park |
| q20_04 | Places visited (last 12 months): Other local open space |
| q20_05 | Places visited (last 12 months): Roadside pavement/track |
| q20_06 | Places visited (last 12 months): Hills, mountains or moorland |
| q20_07 | Places visited (last 12 months): River, lake or canal |
| q20_08 | Places visited (last 12 months): Beach |
| q20_09 | Places visited (last 12 months): Sea |
| q20_10 | Places visited (last 12 months): Other coastline |
| q20_11 | Places visited (last 12 months): Village |
| q20_12 | Places visited (last 12 months): Historic sites (e.g. castles) |
| q20_13 | Places visited (last 12 months): Gardens |
| q20_14 | Places visited (last 12 months): Other |
| q20_15 | Places visited (last 12 months): No answer |
| q21_02 | Places would like to visit at all/more often: Woodland or forest |
| q21_03 | Places would like to visit at all/more often: Farmland |
| q21_04 | Places would like to visit at all/more often: Local park |

| | |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| q21_05 | Places would like to visit at all/more often: Other local open space |
| q21_06 | Places would like to visit at all/more often: Roadside pavement/track |
| q21_07 | Places would like to visit at all/more often: Hills, mountains or moorland |
| q21_08 | Places would like to visit at all/more often: River, lake or canal |
| q21_09 | Places would like to visit at all/more often: Beach |
| q21_10 | Places would like to visit at all/more often: Sea |
| q21_11 | Places would like to visit at all/more often: Other coastline |
| q21_12 | Places would like to visit at all/more often: Village |
| q21_13 | Places would like to visit at all/more often: Historic sites (e.g. castles) |
| q21_14 | Places would like to visit at all/more often: Gardens |
| q21_15 | Places would like to visit at all/more often: Other |
| q21_16 | Places would like to visit at all/more often: No answer |
| q22a | Views on changes in biodiversity in Wales |
| q22b | Views on future changes in biodiversity in Wales |
| q23 | Concern for changes to biodiversity in Wales |
| q24_01 | Activities undertaken in past 12 months to help protect environment and nature: Recycled |
| q24_02 | Activities undertaken in past 12 months to help protect environment and nature: Bought eco-friendly products |
| q24_03 | Activities undertaken in past 12 months to help protect environment and nature: Bought local food |
| q24_04 | Activities undertaken in past 12 months to help protect environment and nature: Walked or cycled rather than use the car |
| q24_05 | Activities undertaken in past 12 months to help protect environment and nature: Reduced your home energy use (energy saving light bulbs, switching off appliances) |
| q24_06 | Activities undertaken in past 12 months to help protect environment and nature: Gardened for wildlife (including bird feeding) |

| | |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| q24_07 | Activities undertaken in past 12 months to help protect environment and nature: Been a member of an environmental, wildlife, or conservation group |
| q24_08 | Activities undertaken in past 12 months to help protect environment and nature: Actively volunteered with a project or organisation to help protect the environment |
| q24_09 | Activities undertaken in past 12 months to help protect environment and nature: Signed a conservation petition or participated in a conservation campaign (online) |
| q24_10 | Activities undertaken in past 12 months to help protect environment and nature: No answer |
| Gender_01 | Classification: Male |
| Gender_02 | Classification: Female |
| Age_01 | Classification: 16 to 24 |
| Age_02 | Classification: 25 to 34 |
| Age_03 | Classification: 35 to 44 |
| Age_04 | Classification: 45 to 54 |
| Age_05 | Classification: 55 to 64 |
| Age_06 | Classification: 65 to 74 |
| Age_07 | Classification: 75 to 84 |
| Age_08 | Classification: 85+ |
| Age_09 | Classification: Refused |
| Ethnic_origin_01 | Classification: White - Welsh |
| Ethnic_origin_02 | Classification: White - Other British |
| Ethnic_origin_03 | Classification: White - Irish |
| Ethnic_origin_04 | Classification: White - Other White Background |
| Ethnic_origin_05 | Classification: Mixed |
| Ethnic_origin_06 | Classification: Asian, Asian Welsh or Asian British |

| | |
|-----------------------|--------------------------------------------------------------------------------------------------|
| Ethnic_origin_07 | Classification: Black, Black Welsh or Black British |
| Ethnic_origin_08 | Classification: Chinese or other ethnic groups |
| Ethnic_origin_09 | Classification: Refused |
| Qualifications_01 | Classification: Not yet finished school - no qualifications |
| Qualifications_02 | Classification: Never went to school |
| Qualifications_03 | Classification: Higher Education & professional/vocational equivalents |
| Qualifications_04 | Classification: Other Higher Education below degree level |
| Qualifications_05 | Classification: A levels, vocational level 3 & equivalents |
| Qualifications_06 | Classification: Trade Apprenticeships |
| Qualifications_07 | Classification: GCSE/O Level grade A*-C (5 or more), vocational level 2 & equivalents |
| Qualifications_08 | Classification: GCSE/O Level grade (less than 5 A*-C), other qualifications at level 1 and below |
| Qualifications_09 | Classification: Other qualifications |
| Qualifications_10 | Classification: Other vocational or professional or foreign qualifications |
| Qualifications_11 | Classification: No qualifications |
| Qualifications_12 | Classification: Other |
| Car_van_access_01 | Classification: car access |
| Car_van_access_02 | Classification: No car access |
| Bicycle_access_01 | Classification: Bicycle access |
| Bicycle_access_02 | Classification: No bicycle access |
| Own_care_dog_01 | Classification: own/care for a dog |
| Own_care_dog_02 | Classification: do not own/ care for a dog |
| Illness_disability_01 | Classification: With illness/ disability |
| Illness_disability_02 | Classification: No illness/ disability |

| | |
|--------------------------------|--------------------------------------------------------------|
| Limiting_illness_disability_01 | Classification: Yes |
| Limiting_illness_disability_02 | Classification: No |
| Carer_01 | Classification: Yes |
| Carer_02 | Classification: No |
| Children_under_16_01 | Classification: Yes |
| Children_under_16_02 | Classification: No |
| Working_status_01 | Classification: Working full time |
| Working_status_02 | Classification: Working part-time (9 to 29 hours per week) |
| Working_status_03 | Classification: Unemployed - less than 12 months |
| Working_status_04 | Classification: Unemployed (long term) - more than 12 months |
| Working_status_05 | Classification: Not working - retired |
| Working_status_06 | Classification: Not working - looking after house/children |
| Working_status_07 | Classification: Not working - long term sick or disabled |
| Working_status_08 | Classification: Student - in full-time education |
| Working_status_09 | Classification: Student - in part-time education |
| Working_status_10 | Classification: Other |
| Working_status_11 | Classification: Refused |
| Household_income_01 | Classification: Up to £15,599 (net) |
| Household_income_02 | Classification: Up to £5,199 |
| Household_income_03 | Classification: £5,200 to £10,399 |
| Household_income_04 | Classification: £10,400 to £15,599 |
| Household_income_05 | Classification: £15,600 to £31,199 (net) |

| | |
|---------------------|-------------------------------------------------------------|
| Household_income_06 | Classification: £15,600 to £20,799 |
| Household_income_07 | Classification: £20,800 to £25,999 |
| Household_income_08 | Classification: £26,000 to £31,199 |
| Household_income_09 | Classification: £31,200 to £49,999 (net) |
| Household_income_10 | Classification: £31,200 to £36,399 |
| Household_income_11 | Classification: £36,400 to £41,999 |
| Household_income_12 | Classification: £42,000 to £45,999 |
| Household_income_13 | Classification: £46,000 to £49,999 |
| Household_income_14 | Classification: £50,000 to £79,999 (net) |
| Household_income_15 | Classification: £50,000 to £79,999 |
| Household_income_16 | Classification: £80,000+ (net) |
| Household_income_17 | Classification: £80,000 to £99,999 |
| Household_income_18 | Classification: £100,000 or more |
| Household_income_19 | Classification: Don't know |
| Household_income_20 | Classification: Refused |
| rc1 | Willingness to be re-contacted |
| nssec | NS SEC |
| s3 | How many people aged 16 or over currently live in household |
| ethnicity | ethnicity |
| tier_1 | Environmental concerns: Tier 1 |
| tier_2 | Environmental concerns: Tier 2 |
| tier_3 | Environmental concerns: Tier 3 |
| tier_4 | Environmental concerns: Tier 4 |

| | |
|------------------|---------------------------------------------------------|
| tier_5 | Environmental concerns: Tier 5 |
| wimd2 | Bottom 10% : Wales Index of Multiple Deprivation (WIMD) |
| wimd3 | Bottom 20% : Wales Index of Multiple Deprivation (WIMD) |
| wimd4 | Bottom 30% : Wales Index of Multiple Deprivation (WIMD) |
| wimd5 | Top 10% : Wales Index of Multiple Deprivation (WIMD) |
| urbanrural2 | Town Fringe : Urban-Rural |
| urbanrural3 | Urban : Urban-Rural |
| urbanrural4 | Village Hamlet Isolated Dwelling : Urban-Rural |
| communitfirstold | Community First Old |
| communitfirstnew | Community First New |
| rweightw | rweightw |
| serno | SerialNumber |
| q5time | q5time |
| q10time | q10time |
| noinparty | noinparty |
| SpendFood | SpendFood |
| SpendPetrol | SpendPetrol |
| SpendParking | SpendParking |
| SpendFares | SpendFares |
| SpendHire | SpendHire |
| SpendPurchase | SpendPurchase |
| SpendMaps | SpendMaps |
| SpendGifts | SpendGifts |

| | |
|------------------|-------------------------|
| SpendAdmits | SpendAdmits |
| SpendOther | SpendOther |
| SpendTotal | SpendTotal |
| RespondentWeight | Visit based weight |
| VisitWeight | Respondent based weight |