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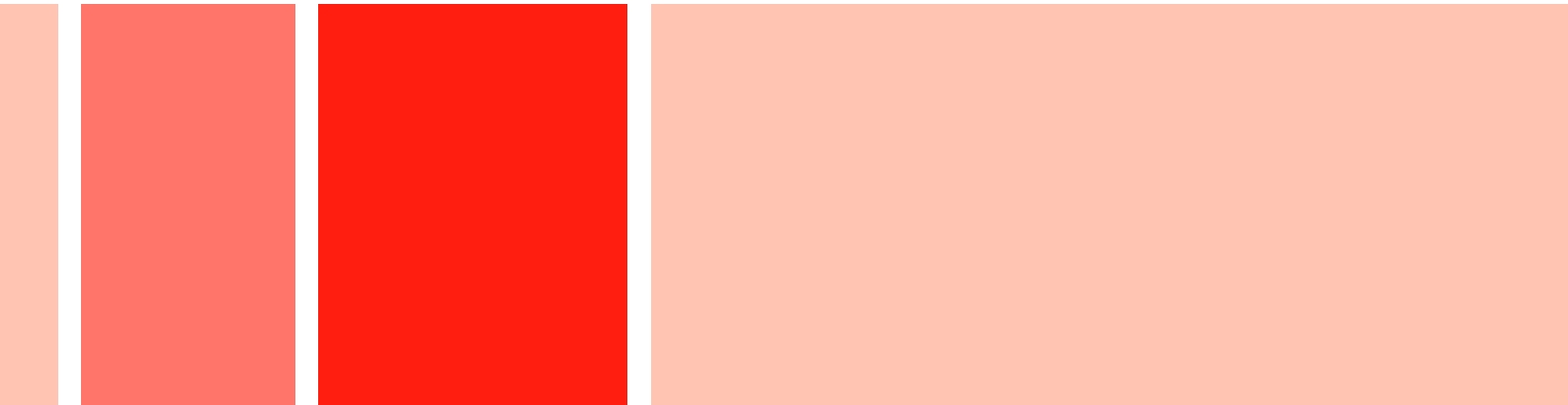
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Wellbeing in Wales

Secondary analysis of the

National Survey for Wales 2012-13

Regression results: supplementary tables



**Wellbeing in Wales:
Secondary analysis of the National Survey for Wales 2012-
13**

Regression results: supplementary tables

**Jenny Chanfreau, Carl Cullinane, and Evie Calcutt, Sally
McManus, NatCen Social Research**

Views expressed in this report are those of the researchers and not necessarily those of the Welsh Government

For further information please contact:

Name: Lisa Walters

Department: Knowledge and Analytical Services

Welsh Government

Cathays Park

Cardiff

CF10 3NQ

Tel: 029 2082 6685

Email: lisa.walters@wales.gsi.gov.uk

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Appendix A: Statistical methods and presentation of data

Notes on presentation of data

- Charts and tables include all adult respondents with a valid response in the base, unless clearly stated otherwise.
- Bar charts in this report all show unadjusted proportions, while the dot graphs all show odds ratios when controlling for other factors.
- Only statistically significant associations are mentioned in the text (that is where the p value is equal to or less than 0.05). Occasionally a near-significant finding (where p is between 0.05 and 0.1) may be highlighted, but this will be indicated in the text.
- There are nine regression models. Detailed information, including about what other factors are controlled for, is provided on these in these appendices. The models are weighted and control for complex survey design. A set of control variables – such as age and sex – were retained in all nine models irrespective of whether or not they were found to significantly predict a particular outcome variable. A stepwise approach was used to identify the other variables retained in each model. These were kept because they predicted the outcome when other variables were controlled for.
- Generally, it is not possible to disentangle cause and effect using cross-sectional data. Therefore, we cannot be certain of the causal direction of any of the associations presented in this report. That is, for example, high wellbeing may lead to good social relationships and good social relationships could also lead to high wellbeing.
- It is also important to note that a very large number of significance tests have been undertaken for this report, and it is likely that some findings may be ‘statistically significant’ only by chance.

Analytic approaches used

Five approaches were used in the analyses presented in this report to examine patterns in the distribution and predictors of different aspects of personal wellbeing in Wales. These were:

- **Correlation analysis** was used to quantify the strength of the relationship between each pair of wellbeing indicators. This is described in more detail in Section 2.4.
- **Latent class analysis (LCA)** was used to produce a typology of wellbeing that segments the population into discrete and distinct groups or ‘clusters’, each with

a shared wellbeing profile according to the different measures of wellbeing included in the model. The rationale for the approach and the process are described in more detail in Appendix B. The results are given in Appendix C.

- **Simple cross-tabulations** and unadjusted regression analyses were used to profile the population with high, medium and low levels of wellbeing, and to identify what predicts different types of wellbeing without controlling for other factors. See Appendix D for a table summarising the factors associated with wellbeing without controlling for other factors. For cross-tabulation results for the factors included in the final regression models profiling the population with high, medium and low levels of wellbeing, see Appendices C and E to H.
- **Multiple logistic regression analysis** was used to identify what predicts different types of wellbeing when other factors are controlled for. The outcome variables were binary. High wellbeing was compared with medium, and low wellbeing was compared with medium. This was done in order to identify what factors are key specifically for high and low wellbeing. The stages of analysis undertaken are described in Appendix D, and results are presented in Appendices E to I.
- **Mapping** was undertaken to visualise the geographic distribution of wellbeing. Levels of wellbeing in Wales were displayed in the context of Great Britain using the Short Warwick Edinburgh Mental Wellbeing Scale, as measured by Wave 1 of Understanding Society, a longitudinal survey of over 40,000 households across the UK. The relative proportions in each region of those characterised as 'high' wellbeing, i.e. a score above the UK mean, were then mapped. Similarly, using the National Survey for Wales data, maps were produced to show comparative proportions of the population of each 'Welsh Assembly Constituency' showing high levels of different types of wellbeing. Visualisation of the data was performed using the Geographical Information Systems (GIS) mapping software, Quantum GIS.

Appendix B: Latent class analysis approach

Latent class analysis (LCA) is a statistical technique for finding subtypes of related cases (latent classes) from multivariate categorical data. The analysis fits a model to the data that (a) identifies a given number of latent classes, and (b) generates probabilities, for each respondent, of their being in each class (one probability per class). Respondents are then assigned to the class for which they have the highest probability (modal assignment). In this way, as with cluster analysis, it divides individual cases in a dataset into discrete non-overlapping groups.

Applied to the National Survey dataset, LCA enabled investigation into whether there are discrete groups of people who share recognisable combinations of personal wellbeing characteristics. Once groups such as these are found, the analysis generated a probability for each respondent of their being in each class and assigns them to the class for which they have the highest probability of membership. Once this is done it is straightforward to relate membership of each class to respondents' answers to these and other survey questions.

The data was modelled using the software package Latent GOLD. The analysis involved fitting several models with different numbers of classes. It was then possible to write SPSS syntax to compare different models – for example to compare a model containing three classes with one containing four. This allowed us to identify the most useful model.

As part of a latent class analysis we needed to identify the number of classes. In practice, there is really no single 'correct' model so it is usual to consider a range of possible models containing different numbers of classes and choose the most appropriate model using some specified criteria.

A general approach to statistical model fitting is to try to balance the fit and the parsimony of a model – generally if two models fit a dataset equally well the one with fewer parameters will be chosen. Under this principle, in LCA, if a model with $k+1$ classes fits the data just as well as one with k classes the k -class model will be chosen. In other words, the aim is to identify the minimum number of classes that capture the underlying (latent) structure in the data.

LCA software packages such as Latent GOLD provide analysts with statistics to help in the choice of the correct number of classes in the data. In particular it provides several goodness-of-fit statistics to help decide on an appropriate model; a formal hypothesis test can also be performed to see if a $k+1$ -class model is an improvement on a k -class model.

However, the p-values calculated by the package are not valid when analysing a dataset as sparse as most survey datasets. This means that rather than choosing a

model on the basis of the p-values obtained from a formal hypothesis test, we tend to use a more informal method of assessment.

First, Latent GOLD was used to fit models with varying numbers of classes, between two and seven classes. Goodness-of-fit statistics were then examined for each of the models. These statistics allowed us to rule out certain models as having too poor a fit to be considered, and also give an approximate upper limit for the number of classes that needed to be considered. The LCA modeling took into account complex survey design variables where these were available, and the data was weighted. These fit indices (the Akaike's Information Criterion (AIC) and the Bayes Information Criterion (BIC) both yielded very similar results) suggested that a final model with at least three, but no more than five, classes was optimal.

As discussed above, each individual in the dataset is assigned to the cluster that they have the highest probability of belonging to. A model that assigns a large proportion of individuals to clusters based on a relatively low probability of belonging is therefore not a good fit or informative. Based on this criterion for model selection, a model with a maximum of five clusters was also suggested. Models with more than five clusters included clusters where more than a third of the cluster members had a probability of less than 60% of belonging to that cluster.

The final step of choosing the optimal model involved an assessment of the interpretability of the clusters included in the 3-cluster, 4-cluster and 5-cluster models. This involved comparing the wellbeing scores on the four measures of wellbeing across the different clusters for each of the models. Here we were checking whether in each of the three models the suggested clusters appeared sufficiently different from each other, and whether each of the models made substantive sense in describing wellbeing types. The 4-cluster model was the final model chosen, as its fourth cluster added substantively to our understanding of wellbeing compared with the 3-cluster model which suggested a simple low, medium and high wellbeing solution, while the wellbeing profile of the fifth cluster in the 5-cluster solution was not sufficiently distinct from one of the other classes for easy interpretation of this model.

It should be acknowledged that LCA does have drawbacks. These are mainly that the selection of model (that is, the decision about what number of groups best fit the data), and the labels given to those groups, are somewhat personal. It is useful therefore to include LCA alongside other techniques for analysing the data. Furthermore, LCA is an exploratory technique useful for understanding data, but it does not necessarily produce simple to define categories that can straightforwardly be applied to other datasets.

Appendix C: Worthwhile-Anxious group membership

Table C.1 Proportion of the population assigned to the Worthwhile-Anxious group by a range of factors.

Factors included in regressions		Cluster membership		Factor prevalence
		Worthwhile -Anxious	Other clusters	
		Row %		Column %
Total		13	87	100
Gender	Male	12	88	49
	Female	15	85	51
Ethnicity	White	13	87	96
	Non-White	16	84	4
Highest educational qualification	NQF levels 4-8	13	87	29
	NQF level 3	15	85	16
	NQF level 2	15	85	22
	Below NQF level 2	13	87	9
	No qualification	11	89	18
	Don't know/refused	12	88	5
Discrimination in last year - accent	None	13	87	99
	Accent	22	78	1
Want more info on performance of local health services	Strongly agree	16	84	19
	Tend to agree	12	88	38
	Neither agree nor disagree/Don't know/No opinion	15	85	18
	Tend to or strongly disagree	11	89	24
Economic activity status	Employed	14	86	47
	Self-employed or other paid work	14	86	7
	Looking for work (<1yr)	15	85	2
	Looking for work (1+yr/DK)	17	83	3
	Student, training scheme or unpaid work	13	87	5
	Inactive	11	89	36
Social class (NS-SEC)	Managerial and professional occupations	13	87	29
	Intermediate occupations	14	86	12
	Routine and manual occupations	14	86	49
	Never worked and long-term unemployed	12	88	10
	Not classified	16	84	1
Marital status	Single	14	86	22
	Cohabiting	16	84	12
	Married/ in civil partnership	13	87	51
	Divorced/Separated	12	88	8
	Widowed/ surviving partner	10	90	7
Respondent age and family circumstances	Living with parents 16-24	19	81	9
	Living with parents 25+	12	88	2
	Living with children 16-24	19	81	2
	Living with children 25-54	14	86	29
	Living with children 55+	10	90	7
	Other households 16-24	10	90	4
	Other households 25-54	14	86	15

Table C.1 Proportion of the population assigned to the Worthwhile-Anxious group by a range of factors.

Factors included in regressions		Cluster membership		Factor prevalence
		Worthwhile -Anxious	Other clusters	
		Row %		Column %
Total		13	87	100
Housing Tenure	Other households 55+	12	88	32
	Owner-occupied	13	87	70
	Social housing	14	86	15
	Private Rented	13	87	15
Trusting people in the neighbourhood	Many people can be trusted	13	87	45
	Some people can be trusted	14	86	36
	A few people can be trusted	15	85	13
	None of the people can be trusted	9	91	1
	Just moved here	28	72	1
	Don't know/ No opinion	11	89	3
WIMD - overall score	20% Most Deprived	16	84	18
	20-40% Most Deprived	12	88	20
	40-60% Most Deprived	14	86	20
	20-40% Least Deprived	11	89	21
	20% Least Deprived	13	87	20
Household access to internet	Yes	14	86	80
	No	10	90	20
Safety traveling by public transport after dark	Very safe	9	91	20
	Fairly safe	14	86	46
	Fairly unsafe	16	84	16
	Very unsafe	18	82	6
	Don't know	12	88	11
Unweighted bases		1,755	12,605	14,360
Weighted bases		325,267	2,128,812	2,454,078

Table C.2 Multiple binary logistic regression: Worthwhile-Anxious cluster membership

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Gender	Male (ref)						
	Female	0.235	0.079	0.003	1.265	1.084	1.476
Ethnicity	White (ref)						
	Non-White	0.116	0.236	0.623	1.123	0.707	1.783
Highest educational qualification	NQF levels 4-8 (ref)						
	NQF level 3	0.149	0.119	0.211	1.160	0.919	1.465
	NQF level 2	0.149	0.108	0.166	1.161	0.940	1.433
	Below NQF level 2	-0.031	0.146	0.830	0.969	0.728	1.291
	No qualification	-0.014	0.128	0.913	0.986	0.768	1.266
	Don't know/refused	0.047	0.159	0.769	1.048	0.767	1.432
Discrimination in last year - accent	Not selected (ref)						
	Accent	0.493	0.260	0.058	1.637	0.983	2.726
Want more info on performance of local health services	Strongly agree (ref)						
	Tend to agree	-0.289	0.090	0.001	0.749	0.629	0.893
	Neither agree nor disagree/Don't know/No opinion	-0.071	0.114	0.535	0.932	0.746	1.165
	Tend to or strongly disagree	-0.342	0.109	0.002	0.711	0.574	0.879
Economic activity status	Employed (ref)						
	Self-employed or other paid work	0.089	0.147	0.544	1.093	0.820	1.458
	Looking for work (<1yr)	-0.055	0.321	0.865	0.947	0.504	1.777
	Looking for work (1+yr/DK)	0.209	0.219	0.341	1.232	0.802	1.893
	Student, training scheme or unpaid work	-0.079	0.258	0.760	0.924	0.557	1.533
	Inactive	-0.070	0.098	0.471	0.932	0.770	1.129
Social class (NS-SEC)	Managerial and professional occupations (ref)						
	Intermediate occupations	0.043	0.127	0.734	1.044	0.815	1.338
	Routine and manual occupations	0.049	0.099	0.616	1.051	0.866	1.275
	Never worked and long-term unemployed	-0.188	0.192	0.328	0.829	0.569	1.207
	Not classified	0.236	0.325	0.467	1.266	0.670	2.393
Marital status	Single	-0.382	0.135	0.005	0.682	0.524	0.889
	Cohabiting	0.073	0.122	0.548	1.076	0.847	1.368
	Married/ in civil partnership (ref)						
	Divorced/Separated	-0.235	0.119	0.048	0.791	0.627	0.998
	Widowed/ surviving partner	-0.229	0.118	0.052	0.795	0.631	1.002
Respondent age and family circumstances	Living with parents 16-24	0.804	0.206	0.000	2.234	1.493	3.344
	Living with parents 25+	0.307	0.283	0.279	1.359	0.780	2.369
	Living with children 16-24	0.323	0.321	0.314	1.382	0.736	2.595
	Living with children 25-54	-0.042	0.100	0.675	0.959	0.787	1.167
	Living with children 55+	-0.231	0.156	0.138	0.793	0.585	1.077
	Other households 16-24	-0.222	0.315	0.480	0.801	0.432	1.483
	Other households 25-54	0.163	0.122	0.180	1.177	0.927	1.495
	Other households 55+ (ref)						
Housing Tenure	Owner-occupied (ref)						

Table C.2 Multiple binary logistic regression: Worthwhile-Anxious cluster membership

						95% Conf interval OR	
		Coeff.	Std. Err.	P>t	Odds Ratio	Low	High
	Social housing	0.082	0.119	0.490	1.085	0.860	1.370
	Private Rented	0.013	0.120	0.915	1.013	0.801	1.281
Trusting people in the neighbourhood	Many people can be trusted (ref)						
	Some people can be trusted	-0.022	0.081	0.782	0.978	0.834	1.147
	A few people can be trusted	-0.004	0.116	0.974	0.996	0.793	1.251
	None of the people can be trusted	-0.751	0.317	0.018	0.472	0.254	0.878
	Just moved here	1.173	0.341	0.001	3.231	1.657	6.301
	Don't know/ No opinion	-0.097	0.215	0.653	0.908	0.595	1.384
WIMD - overall score	20% Most Deprived	0.273	0.124	0.028	1.314	1.031	1.674
	20-40% Most Deprived	-0.107	0.115	0.355	0.899	0.717	1.127
	40-60% Most Deprived	0.063	0.108	0.560	1.065	0.861	1.318
	20-40% Least Deprived	-0.117	0.112	0.295	0.890	0.715	1.107
	20% Least Deprived (ref)						
Household access to internet	Yes (ref)						
	No	-0.262	0.096	0.007	0.770	0.638	0.929
Safety traveling by public transport after dark	Very safe (ref)						
	Fairly safe	0.438	0.118	0.000	1.550	1.230	1.954
	Fairly unsafe	0.567	0.133	0.000	1.763	1.358	2.289
	Very unsafe	0.801	0.175	0.000	2.229	1.580	3.144
	Don't know	0.426	0.137	0.002	1.531	1.172	2.002
Constant		-2.256	0.173	0.000	0.105	0.075	0.147

Unweighted base: 14,244.

Note: Shaded rows denote factors significantly related to being a member of the Worthwhile-Anxious cluster.

Appendix D: Regression analysis variables in models

Regression modelling was all run on weighted data and controlled for survey design. Analyses were carried out in SPSS and Stata. For each of the nine regression models, the following stages of analysis were carried out:

Stage 1 – Descriptive analysis of each candidate variable was carried out to test for a basic association with the outcome variable, prior to controlling for other factors. Nine outcomes were modelled:

Predictors of different aspects of high wellbeing:

- A high level of life satisfaction.
- A high level of happiness.
- A high level of feeling that things done are worthwhile.
- A low level of anxiety yesterday.

Predictors of different aspects of low wellbeing

- A low level of life satisfaction.
- A low level of happiness.
- A low level of feeling that things done are worthwhile.
- A high level of anxiety yesterday.

Predictors of membership of the 'Worthwhile-anxious' group.

To identify the factors that are key specifically key to high and low wellbeing, comparisons were made with the people with a 'typical' or medium level of wellbeing. At each stage significance testing was carried out for the variable as a whole, selected of factors for inclusion for a subsequent stage was not based on individual categories differing significantly from the reference category.

Stage 2 – The variables identified as significant at a 10% level at stage one were entered into a multiple logistic regression analysis with the other significant variables from the same block. A 'block' is a set of variables on a related topic (for example, all the variables related to health). This was repeated for each of the blocks.

Stage 3 – The variables in each block that remained significant at a 10% level at stage two when other related variables were controlled for were brought together into a one, multiple regression. This was repeated using a manual (not automated) stepwise approach, only variables that had been identified as controls or were significant at a 10% level were retained in the final model were significant. Generally, only factors significant at the 5% level were then interpreted in the text.

Table D.1 lists all the factors tested for possible inclusion in the different regression models. Associations with the wellbeing outcome that were significant overall (at the 5% level) are marked with 's'; (s) denotes a significance level above 5% but below 10%, and 'c' indicates that the factor was not necessarily a significant predictor but was included in the regression as a control variable. A control variable is a variable that is retained in all the final models, irrespective of whether or not it is found to be a significant predictor of the outcome variable, because from a theoretically informed perspective it is considered to be an important factor to take account of.

Table D.1 Summary of candidate variables tested for inclusion in the regression modelling and whether each variable is associated with the personal wellbeing indicators					
Factor description	Life satisfaction	Worthwhile	Happy	Anxious	Worthwhile-Anxious
Demographics and identity (Chapter 3)					
Grouped age	c/s	c/s	c/s	c/s	c/s
Gender	c	c	c/s	c/s	c/s
Ethnic group	c	c	c	c	c
Extent to which know and speak Welsh	s	s	s	(s)	s
Religious group	s	s	(s)		
Country of birth					
National identity					
Sexual orientation	s			(s)	
Discrimination due to ethnicity, colour or religion	s	(s)			
Discrimination due to accent	(s)			s	s
Discrimination due to language				(s)	
Discrimination due to nationality	(s)				
Discrimination due to age	s	s	s	s	(s)
Discrimination due to sex	s		s	s	s
Discrimination due to sexual orientation					

Table D.1 Summary of candidate variables tested for inclusion in the regression modelling and whether each variable is associated with the personal wellbeing indicators

Factor description	Life satisfaction	Worthwhile	Happy	Anxious	Worthwhile-Anxious
Health and health services (Chapter 4)					
Self-reported general health	S	S	S	S	
Limiting, longstanding illness or disability	S	S	S	S	
Want to be more involved but feel unable to influence decisions affecting local health services				(S)	
Want more info on performance of local health services	S	(S)	S	S	S
Ease of getting a GP appointment at a convenient time	S	S	S	S	S
Ease of getting to and from the GP surgery	S	S	S	S	S
Ease of getting to and from the hospital	S	S	S	S	
Was/is hospital appointment convenient	S	S	S	S	
GP knew all the relevant information about respondent at start of the appointment	S	S	S	S	(S)
GP - Respondent or carer was given all the information needed	S	S	S	S	S
GP treated respondent with dignity and respect	S	S	S	S	S
Health professional knew all relevant information about respondent at start of the appointment	S	S	S	S	S
Hospital - Respondent or carer was given all the information needed	S	S	S	S	S
Hospital treated respondent with dignity and respect	S	S	S	S	
Overall satisfaction with care received from GP	S	S	S	S	S
Overall satisfaction with care received from Hospital	S	S	S	S	
WIMD - health score (in quintiles)	S	S	S	S	(S)
Discrimination in last 12 months - respondents' mental ill health	S	S	S	S	
Discrimination in last 12 months - respondents' health problems or disability	S	S	S	S	

Table D.1 Summary of candidate variables tested for inclusion in the regression modelling and whether each variable is associated with the personal wellbeing indicators

Factor description	Life satisfaction	Worthwhile	Happy	Anxious	Worthwhile-Anxious
Work and finances (Chapter 5)					
Economic activity status	c/s	c/s	c/s	c/s	c/s
Time since last had paid job	s	s	s	(s)	s
Formal responsibility for supervising the work of other employees current or previous job	s	s	s		
Number of employees at organisation worked	s	s		s	
Socio-economic classification	c/s	c/s	c/s	c	c
Welsh Index of Multiple Deprivation - income score (in quintiles)	s	s	s	s	s
Welsh Index of Multiple Deprivation - employment score (in quintiles)	s	s	s	s	
Finance - ability to keep up with bills and credit commitments at present	s	s	s	s	
Used debt services of any organisations providing advice and support	s	s	s	s	
Family, household and relationships (Chapter 6)					
Marital status	c/s	c/s	c/s	c/s	c/s
Household type	c/s	c/s	c/s	c/s	c/s
Highest educational qualification	c/s	c/s	c/s	c/(s)	c/s
Satisfaction with the wellbeing of children	s	s	s	s	
Age of youngest child in household		s			s
Overall satisfaction with child's school	s	s	s		
Able to meet child's teachers within a reasonable period of time		s	s	s	(s)
Kept informed as much as want to be about child's progress	(s)	s	s	s	
Involved as much as want to be in decisions about child's	s	s			

Table D.1 Summary of candidate variables tested for inclusion in the regression modelling and whether each variable is associated with the personal wellbeing indicators

Factor description	Life satisfaction	Worthwhile	Happy	Anxious	Worthwhile-Anxious
education					
Kept informed of the performance of child's secondary school		S		S	
WIMD - education score (in quintiles).	S	S	S	S	S
Place: Neighbourhood & area (Chapter 7)					
Wellbeing - live within ten-minute walk of a natural green or blue space	S	S	(s)	S	S
Urban/rural classification	S	S	S	S	S
Urban/rural classification – morphology	S	S	S	(S)	
Local area - belonging to local area	S	S	S	S	
Local area - people willing to help neighbours	S	S	S	S	
Local area - safety at home after dark	S	S	S	S	S
Local area - safety walking in local area after dark	S	S	S	S	S
Local area - safety walking in nearest town/city centre after dark	S	S	S	S	S
Local area - trusting people in the neighbourhood	S	S	S	S	S
Local area - well maintained	S	S	S	S	S
Local area - free from litter and rubbish	S	S	S	S	S
Local area - free from graffiti and vandalism	S	S	S	S	S
Local area - safe for children to play outside	S	S	S	S	
Local area - free from heavy traffic	S	S	(s)	(S)	
Local area - people from different backgrounds get on well together	S	S	S	S	
Local area - people treating each other with respect and consideration	S	S	S	S	(S)
Local authority provides high quality services	S	S	S	S	S

Table D.1 Summary of candidate variables tested for inclusion in the regression modelling and whether each variable is associated with the personal wellbeing indicators

Factor description	Life satisfaction	Worthwhile	Happy	Anxious	Worthwhile-Anxious
LA is good at letting local people know how well it is performing	S	S	S	S	S
Wants more information on how local authority is performing	S	S	S	S	S
Can influence decisions affecting my local area	S	S	S	(S)	
Wants to be more involved in the decisions LA make affecting local area				S	S
Amount seen or heard about Welsh Government in the last 12 months	S	S	S		
Overall satisfaction with way Welsh Government is doing its job	S	S	S		
Discrimination in the last 12 months - where respondent lives	S		S	S	
WIMD - overall score (in quintiles)	S	S	S	S	S
WIMD - housing score (in quintiles)	S	S	S		
WIMD - physical environment score (in quintiles)	S	S	S	S	
WIMD - community safety score (in quintiles)	S	S	S	S	S
Place: Service access - transport and internet use (Chapter 7)					
Internet - household has access to the internet	S	S	S	S	S
Use of a car for activities such as visiting local shops or going to the doctor	S	S	S		
WIMD - access to services score (in quintiles)	S	S	S	S	
Local area - safety travelling by public transport after dark	S	S	S	S	S
Overall satisfaction with transport.	S	S	S		

All factors marked C, S or (S) were initially included in regression modelling.

C = Included as a control variable.

S = Significant at 5% level before controlling for other factors.

(S) = Significant at 10% level before controlling for other factors.

Appendix E: Life satisfaction regression results

Table E.1 Proportion of the population with low, medium and high levels of life satisfaction by a range of factors

Factors included in regressions		Satisfaction with life			Factor prevalence
		Very low or low 0-6	Medium 7-8	High 9-10	
Row %					Column %
Total		19	47	35	100
Age	16-24	14	47	39	15
	25-34	19	50	32	15
	35-44	21	49	31	15
	45-54	23	48	28	17
	55-64	20	46	34	15
	65-74	15	43	42	13
	75+	17	44	39	11
Gender	Male	18	48	33	49
	Female	19	45	36	51
Ethnicity	White	18	47	35	96
	Non-White	22	44	34	4
Highest educational qualification	NQF levels 4-8	15	52	33	29
	NQF level 3	17	49	35	16
	NQF level 2	19	46	35	22
	Below NQF level 2	25	43	32	9
	No qualification	23	41	37	19
	Don't know/refused	17	45	37	5
Social class (NS-SEC)	Managerial and professional occupations	14	51	34	28
	Intermediate occupations	17	50	33	12
	Routine and manual occupations	21	45	34	49
	Never worked and long-term unemployed	22	40	38	10
	Not classified	19	46	34	1
General health	Very good	10	46	44	32
	Good	15	50	35	38
	Fair	26	47	27	22
	Bad or Very bad	47	36	17	8
Limiting long-term illness	No limiting long-term illness	14	48	38	73
	Yes, a little	38	40	23	13
	Yes, a lot	23	47	30	14
Want more info on performance of local health services	Strongly agree	21	44	34	19
	Tend to agree	18	50	33	38
	Neither agree nor disagree/Don't know/No opinion	20	49	31	18
	Tend to or strongly disagree	17	43	41	24
Economic activity status	Employed	15	51	33	47
	Self-employed or other paid work	17	51	33	7
	Looking for work (<1yr)	35	38	27	2
	Looking for work (1+yr/DK)	34	35	31	3
	Student, training scheme or unpaid work	13	44	43	5

Table E.1 Proportion of the population with low, medium and high levels of life satisfaction by a range of factors

Factors included in regressions		Satisfaction with life			Factor prevalence
		Very low or low 0-6	Medium 7-8	High 9-10	
		Row %			Column %
	Inactive	22	42	36	36
Finance - ability to keep up with bills and credit commitments at present	Keeping up with all without any difficulties	13	48	39	47
	Keeping up with all but it is a struggle from time to time	18	48	34	33
	Keeping up with all but it is a constant struggle	35	43	22	12
	Falling behind with some	39	39	22	3
	Having real financial problems and have fallen behind with many	71	20	9	1
	Have no bills	15	42	44	3
	Don't know/ refused	26	43	31	1
Marital status	Single	21	47	32	22
	Cohabiting	18	50	33	12
	Married/ in civil partnership	15	47	38	51
	Divorced/Separated	33	44	23	8
	Widowed/ surviving partner	25	44	31	7
Household type	Single person	28	45	27	14
	Couple without children	14	46	40	31
	Couple with children<16	16	49	35	21
	Couple with adult children	20	47	33	12
	Single parent household	31	45	23	4
	Respondent living with parents	16	48	36	12
	Other household	23	46	31	5
Housing Tenure	Owner-occupied	16	47	37	70
	Social housing	30	41	29	15
	Private Rented	21	49	30	15
Satisfaction with the wellbeing of own child(ren)	Very low	27	49	24	6
	Low	38	45	17	5
	Medium	23	57	20	19
	High	14	42	44	47
	Not asked	17	49	34	23
Local area - people willing to help neighbours	Strongly agree	15	43	42	32
	Tend to agree	16	51	33	42
	Neither agree nor disagree/Don't know/No Opinion	24	47	29	15
	Tend to disagree	30	46	25	8
	Strongly disagree	37	36	27	3
Local area - safety at home after dark	Very safe	15	46	39	66
	Fairly safe	24	49	26	30
	Fairly unsafe	32	43	26	3
	Very unsafe	44	37	19	1
Local area - safety walking in local area after dark	Very safe	14	45	41	35
	Fairly safe	18	51	31	44
	Fairly unsafe	25	44	31	14
	Very unsafe	33	37	30	5
	Don't know	23	39	38	1

Table E.1 Proportion of the population with low, medium and high levels of life satisfaction by a range of factors

Factors included in regressions		Satisfaction with life			Factor prevalence
		Very low or low 0-6	Medium 7-8	High 9-10	
Row %					Column %
Local authority provides high quality services	Strongly agree	12	41	48	11
	Tend to agree	15	50	35	45
	Neither agree nor disagree	22	47	31	20
	Don't know/No opinion	19	49	32	1
	Tend to disagree	24	45	31	15
	Strongly disagree	28	39	34	8
Overall satisfaction with way Welsh Government is doing its job	Very low	29	43	28	17
	Low/Medium	16	49	34	69
	High	11	34	55	6
	Don't know	21	44	34	8
WIMD - physical environment score	20% Most Deprived	19	49	32	20
	20-40% Most Deprived	21	46	33	20
	40-60% Most Deprived	18	48	33	20
	20-40% Least Deprived	16	47	37	21
	20% Least Deprived	18	44	38	19
Overall satisfaction about the state of the transport system in Wales	Very low	25	44	31	20
	Low	20	47	34	33
	Medium	13	50	37	36
	High	9	36	55	8
	Don't know	27	45	28	3
	Not asked	19	47	34	n/a*
Local area - safety traveling by public transport after dark	Very safe	13	41	46	20
	Fairly safe	18	50	32	46
	Fairly unsafe	22	48	30	16
	Very unsafe	32	41	28	7
	Don't know	20	47	33	11
Unweighted bases		2,993	6,723	4,770	14,486
Weighted bases		460,937	1,157,267	854,603	2,472,808

* Note: Overall satisfaction with the state of the transport system was only asked of a sub-sample of the respondents (66% of respondents were not asked). The prevalence is based on those with a valid answer to the question (4,860).

Table E.2 Multiple binary logistic regression: Low life satisfaction

Table 2.2: Multiple binary logistic regression: Low line calculation						95% Conf interval OR	
		Coeff.	Std. Err.	P>t	Odds Ratio	Low	High
Age	16-24 (ref)						
	25-34	0.470	0.190	0.013	1.601	1.102	2.324
	35-44	0.697	0.190	0.000	2.007	1.382	2.915
	45-54	0.794	0.199	0.000	2.212	1.498	3.265
	55-64	0.562	0.207	0.007	1.754	1.169	2.633
	65-74	0.287	0.222	0.196	1.333	0.862	2.061
	75+	0.130	0.240	0.588	1.139	0.712	1.822
Gender	Male (ref)						
	Female	0.005	0.071	0.939	1.005	0.875	1.156
Ethnicity	White (ref)						
	Non-White	0.449	0.209	0.032	1.567	1.040	2.360
Highest educational qualification	NQF levels 4-8 (ref)						
	NQF level 3	0.091	0.122	0.458	1.095	0.861	1.392
	NQF level 2	0.226	0.108	0.036	1.254	1.015	1.549
	Below NQF level 2	0.343	0.130	0.008	1.409	1.092	1.818
	No qualification	0.198	0.117	0.090	1.219	0.969	1.532
	Don't know/refused	0.048	0.162	0.767	1.049	0.764	1.440
Social class (NS-SEC)	Managerial and professional occupations (ref)						
	Intermediate occupations	0.144	0.121	0.233	1.155	0.911	1.464
	Routine and manual occupations	0.230	0.096	0.016	1.259	1.043	1.520
	Never worked and long-term unemployed	0.427	0.145	0.003	1.533	1.153	2.037
	Not classified	0.328	0.438	0.454	1.388	0.588	3.276
General health	Very good (ref)						
	Good	0.177	0.094	0.061	1.193	0.992	1.436
	Fair	0.511	0.111	0.000	1.668	1.342	2.072
	Bad or Very bad	1.041	0.148	0.000	2.833	2.118	3.789
Limiting long-term illness or disability	No limiting long-term illness						
	Yes, a little	0.457	0.115	0.000	1.579	1.261	1.976
	Yes, a lot	0.207	0.100	0.038	1.230	1.011	1.496
Economic activity status	Employed (ref)						
	Self-employed or other paid work	-0.069	0.153	0.652	0.933	0.691	1.260
	Looking for work (<1yr)	0.860	0.236	0.000	2.364	1.488	3.756
	Looking for work (1+yr/DK)	0.827	0.188	0.000	2.287	1.582	3.306
	Student, training scheme or unpaid work	-0.064	0.253	0.801	0.938	0.571	1.541
	Inactive	0.146	0.099	0.138	1.158	0.954	1.405
Ability to keep up with bills and credit commitments at present	Keeping up with all without any difficulties (ref)						
	Keeping up with all but it is a struggle from time to time	0.159	0.078	0.041	1.173	1.007	1.366
	Keeping up with all but it is a constant struggle	0.731	0.105	0.000	2.077	1.691	2.552
	Falling behind with some	0.761	0.177	0.000	2.141	1.513	3.030
	Having real financial problems and have fallen behind with	2.020	0.272	0.000	7.538	4.424	12.844

Table E.2 Multiple binary logistic regression: Low life satisfaction

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
	many						
	Have no bills	0.044	0.267	0.868	1.045	0.619	1.765
	Don't know/ refused	0.209	0.297	0.483	1.232	0.688	2.205
Marital status	Single	0.409	0.227	0.071	1.505	0.965	2.348
	Cohabiting	0.086	0.122	0.481	1.090	0.858	1.385
	Married/ in civil partnership (ref)						
	Divorced/Separated	0.547	0.207	0.008	1.727	1.152	2.589
	Widowed/ surviving partner	0.692	0.211	0.001	1.998	1.321	3.022
Household type	Single person	0.031	0.177	0.863	1.031	0.729	1.459
	Couple without children	-0.119	0.132	0.368	0.888	0.686	1.150
	Couple with children<16	0.072	0.149	0.628	1.075	0.802	1.441
	Couple with adult children (ref)						
	Single parent household	0.002	0.221	0.994	1.002	0.650	1.545
	Respondent living with parents	-0.020	0.253	0.938	0.981	0.597	1.611
	Other household	0.163	0.256	0.524	1.177	0.713	1.944
Housing Tenure	Owner-occupied						
	Social housing	0.072	0.096	0.450	1.075	0.891	1.297
	Private Rented	0.021	0.108	0.849	1.021	0.826	1.261
Satisfaction with the wellbeing of own child(ren)	Very low	0.558	0.137	0.000	1.748	1.336	2.286
	Low	0.830	0.119	0.000	2.293	1.817	2.893
	Medium	0.193	0.081	0.017	1.213	1.036	1.421
	High						
	Not asked	0.272	0.115	0.018	1.313	1.048	1.645
Local authority provides high quality services	Strongly agree (ref)						
	Tend to agree	0.079	0.117	0.498	1.082	0.861	1.362
	Neither agree nor disagree	0.437	0.125	0.000	1.548	1.212	1.977
	Don't know/No opinion	0.102	0.353	0.774	1.107	0.554	2.210
	Tend to disagree	0.370	0.135	0.006	1.447	1.111	1.885
Overall satisfaction with way Welsh Government is doing its job	Strongly disagree	0.436	0.147	0.003	1.546	1.159	2.062
	Very low (ref)						
	Low/Medium	-0.564	0.088	0.000	0.569	0.479	0.676
	High	-0.596	0.181	0.001	0.551	0.386	0.786
Overall satisfaction about the state of the transport system in Wales	Don't know	-0.277	0.139	0.046	0.758	0.578	0.995
	Very low (ref)						
	Low	-0.239	0.150	0.112	0.788	0.587	1.058
	Medium	-0.524	0.162	0.001	0.592	0.431	0.813
	High	-0.758	0.261	0.004	0.469	0.281	0.782
	Don't know	0.021	0.300	0.945	1.021	0.566	1.839
	Not asked	-0.234	0.125	0.061	0.791	0.619	1.011
Constant		-2.512	0.292	0.000	0.081	0.046	0.144

Unweighted base: 9,558

Note: Shaded rows denote factors significantly related to low life satisfaction

Table E.3 Multiple binary logistic regression: High life satisfaction

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Age	16-24 (ref)						
	25-34	-0.316	0.153	0.039	0.729	0.540	0.984
	35-44	-0.404	0.160	0.012	0.668	0.488	0.914
	45-54	-0.439	0.163	0.007	0.645	0.469	0.887
	55-64	-0.291	0.173	0.093	0.748	0.533	1.050
	65-74	-0.067	0.185	0.717	0.935	0.650	1.345
	75+	-0.200	0.198	0.312	0.819	0.556	1.206
Gender	Male (ref)						
	Female	0.249	0.061	0.000	1.282	1.138	1.445
Ethnicity	White (ref)						
	Non-White	0.110	0.211	0.600	1.117	0.739	1.687
Highest educational qualification	NQF levels 4-8 (ref)						
	NQF level 3	0.107	0.098	0.273	1.113	0.919	1.348
	NQF level 2	0.166	0.089	0.061	1.181	0.992	1.406
	Below NQF level 2	0.110	0.117	0.349	1.116	0.887	1.405
	No qualification	0.214	0.095	0.024	1.239	1.029	1.492
	Don't know/refused	0.177	0.133	0.185	1.194	0.919	1.550
Social class (NS-SEC)	Managerial and professional occupations (ref)						
	Intermediate occupations	-0.102	0.096	0.287	0.903	0.748	1.090
	Routine and manual occupations	0.063	0.077	0.411	1.065	0.916	1.239
	Never worked and long-term unemployed	0.010	0.141	0.944	1.010	0.766	1.331
	Not classified	0.106	0.257	0.680	1.112	0.672	1.841
General health	Very good (ref)						
	Good	-0.295	0.068	0.000	0.744	0.652	0.850
	Fair	-0.568	0.081	0.000	0.566	0.483	0.664
	Bad or Very bad	-0.841	0.135	0.000	0.431	0.331	0.562
Want more info on performance of local health services	Strongly agree (ref)						
	Tend to agree	-0.084	0.076	0.273	0.920	0.792	1.068
	Neither agree nor disagree/Don't know/No opinion	-0.074	0.094	0.428	0.928	0.773	1.116
	Tend to or strongly disagree	0.173	0.082	0.036	1.188	1.012	1.396
Economic activity status	Employed (ref)						
	Self-employed or other paid work	-0.020	0.108	0.850	0.980	0.793	1.211
	Looking for work (<1yr)	0.097	0.304	0.751	1.101	0.607	1.999
	Looking for work (1+yr/DK)	0.298	0.257	0.246	1.347	0.814	2.231
	Student, training scheme or unpaid work	0.419	0.222	0.059	1.521	0.985	2.350
	Inactive	0.169	0.081	0.038	1.184	1.009	1.389
Ability to keep up with bills and credit commitments at present	Keeping up with all without any difficulties (ref)						
	Keeping up with all but it is a struggle from time to time	-0.105	0.063	0.095	0.901	0.796	1.019
	Keeping up with all but it is a constant struggle	-0.364	0.113	0.001	0.695	0.557	0.867

Table E.3 Multiple binary logistic regression: High life satisfaction

Table 2.6: Multiple binary logistic regression: High no calculation						95% Conf interval OR	
		Coeff.	Std. Err.	P>t	Odds Ratio	Low	High
	Falling behind with some	-0.331	0.207	0.109	0.718	0.479	1.077
	Having real financial problems and have fallen behind with many	-0.555	0.353	0.116	0.574	0.287	1.147
	Have no bills	0.115	0.251	0.647	1.122	0.685	1.837
	Don't know/ refused	-0.077	0.266	0.772	0.926	0.550	1.559
Marital status	Single	0.002	0.185	0.993	1.002	0.697	1.440
	Cohabiting	-0.109	0.096	0.257	0.897	0.743	1.083
	Married/ in civil partnership (ref)						
	Divorced/Separated	-0.152	0.181	0.403	0.859	0.602	1.226
	Widowed/ surviving partner	-0.287	0.178	0.106	0.750	0.529	1.063
Household type	Single person	-0.196	0.163	0.228	0.822	0.598	1.130
	Couple without children	0.103	0.103	0.318	1.108	0.906	1.355
	Couple with children<16	0.000	0.117	0.999	1.000	0.795	1.259
	Couple with adult children (ref)						
	Single parent household	-0.463	0.210	0.027	0.629	0.417	0.950
	Respondent living with parents	-0.196	0.224	0.382	0.822	0.529	1.276
	Other household	-0.174	0.208	0.402	0.840	0.559	1.263
Housing Tenure	Owner-occupied (ref)						
	Social housing	-0.122	0.095	0.198	0.885	0.734	1.066
	Private Rented	-0.253	0.095	0.007	0.776	0.645	0.935
Satisfaction with the wellbeing of own child(ren)	Very low	-0.897	0.152	0.000	0.408	0.303	0.549
	Low	-0.963	0.132	0.000	0.382	0.294	0.495
	Medium	-1.032	0.076	0.000	0.356	0.307	0.414
	High (ref)						
	Not asked	-0.513	0.104	0.000	0.599	0.488	0.734
People in local area are willing to help neighbours	Strongly agree (ref)						
	Tend to agree	-0.265	0.063	0.000	0.767	0.679	0.867
	Neither agree nor disagree/Don't know/No Opinion	-0.253	0.094	0.007	0.777	0.645	0.935
	Tend to disagree	-0.374	0.137	0.006	0.688	0.526	0.899
	Strongly disagree	-0.009	0.200	0.965	0.991	0.670	1.466
Safety at home after dark	Very safe (ref)						
	Fairly safe	-0.223	0.074	0.002	0.800	0.693	0.924
	Fairly unsafe	-0.254	0.253	0.315	0.776	0.473	1.273
	Very unsafe	-0.460	0.376	0.221	0.631	0.302	1.319
Safety walking in local area after dark	Very safe (ref)						
	Fairly safe	-0.150	0.070	0.033	0.861	0.750	0.988
	Fairly unsafe	0.073	0.114	0.522	1.075	0.861	1.344
	Very unsafe	0.187	0.172	0.278	1.205	0.861	1.687
	Don't know	0.378	0.208	0.070	1.459	0.970	2.195
Local authority provides high quality services	Strongly agree (ref)						
	Tend to agree	-0.290	0.092	0.002	0.748	0.625	0.895
	Neither agree nor disagree	-0.220	0.108	0.042	0.802	0.649	0.992
	Don't know/No opinion	-0.488	0.336	0.147	0.614	0.318	1.187
	Tend to disagree	-0.207	0.110	0.059	0.813	0.655	1.008
	Strongly disagree	-0.029	0.130	0.826	0.972	0.753	1.255
Overall satisfaction with way Welsh	Very low (ref)						
	Low/Medium	0.039	0.075	0.604	1.040	0.898	1.204

Table E.3 Multiple binary logistic regression: High life satisfaction

						95% Conf interval OR	
		Coeff.	Std. Err.	P>t	Odds Ratio	Low	High
Government is doing its job	High	0.655	0.144	0.000	1.925	1.451	2.554
	Don't know	0.091	0.131	0.490	1.095	0.847	1.416
WIMD - physical environment score	20% Most Deprived	-0.204	0.091	0.024	0.816	0.683	0.974
	20-40% Most Deprived	-0.147	0.087	0.090	0.863	0.728	1.023
	40-60% Most Deprived	-0.224	0.085	0.008	0.800	0.678	0.944
	20-40% Least Deprived	-0.061	0.084	0.466	0.940	0.797	1.109
	20% Least Deprived (ref)						
Safety traveling by public transport after dark	Very safe (ref)						
	Fairly safe	-0.341	0.079	0.000	0.711	0.609	0.830
	Fairly unsafe	-0.319	0.101	0.002	0.727	0.596	0.886
	Very unsafe	-0.424	0.144	0.003	0.654	0.493	0.868
	Don't know	-0.482	0.097	0.000	0.617	0.511	0.746
Constant		1.280	0.239	0.000	3.596	2.249	5.748

Unweighted base: 11,373

Note: Shaded rows denote factors significantly related to high life satisfaction.

Appendix F: Things being worthwhile regression results

Table F.1 Proportion of the population with low, medium and high levels of perceiving thing done as worthwhile by a range of factors

Factors included in regressions		Things done in life are worthwhile			Factor prevalence Column %
		Very low or low 0-6	Medium 7-8	High 9-10 Row %	
Total		16	47	37	100
Age	16-24	16	49	35	15
	25-34	16	51	34	14
	35-44	14	49	37	15
	45-54	16	51	32	17
	55-64	15	46	40	15
	65-74	14	42	45	13
	75+	18	42	40	11
Gender	Male	16	49	35	49
	Female	15	46	39	51
Ethnicity	White	15	47	37	96
	Non-White	18	47	35	4
Welsh language	Can't speak Welsh or never speaks Welsh	17	48	36	79
	Can only speak a little or just a few words	11	47	43	7
	Can speak a fair amount, or is fluent but speaks Welsh less often than daily	12	47	41	5
	Fluent and speak daily	9	48	44	8
Highest educational qualification	NQF levels 4-8	11	50	39	29
	NQF level 3	13	53	33	16
	NQF level 2	15	47	37	22
	Below NQF level 2	20	42	38	9
	No qualification	22	41	37	18
	Don't know/refused	16	47	37	5
Discrimination in the last year	Not selected	15	47	37	99
	Age	25	55	19	1
General health	Very good	8	47	45	32
	Good	13	50	37	38
	Fair	22	47	31	22
	Bad or Very bad	41	38	21	8
Limiting long-term illness or disability	No limiting long-term illness	12	49	39	73
	Yes, a little	33	40	27	13
	Yes, a lot	17	47	35	14
Want more info on performance of local health services	Strongly agree	15	46	39	19
	Tend to agree	15	50	35	38
	Neither agree nor disagree/Don't know/No opinion	18	51	31	18
	Tend to or strongly disagree	15	42	43	24
Ease of getting to and from the GP	Not applicable	14	46	40	22
	Very easy	13	47	40	53

Table F.1 Proportion of the population with low, medium and high levels of perceiving thing done as worthwhile by a range of factors

Factors included in regressions		Things done in life are worthwhile			Factor prevalence Column %
		Very low or low 0-6	Medium 7-8	High 9-10 Row %	
surgery	Fairly easy	22	50	29	20
	Fairly or very difficult	30	42	28	5
Overall satisfaction with care received from GP	Question not applicable	14	46	40	22
	Very satisfied	14	46	40	53
	Fairly satisfied	20	53	27	18
	Neither satisfied nor dissatisfied/Don't know/Can't remember	21	47	32	3
	Fairly or very dissatisfied	25	45	30	4
Economic activity status	Employed	12	52	36	47
	Self-employed or other paid work	12	48	41	7
	Looking for work (<1yr)	31	39	30	2
	Looking for work (1+yr/DK)	25	43	33	3
	Student, training scheme or unpaid work	14	51	35	5
	Inactive	19	41	39	36
Social class (NS-SEC)	Managerial and professional occupations	10	51	38	28
	Intermediate occupations	14	49	37	12
	Routine and manual occupations	18	45	37	49
	Never worked and long-term unemployed	20	46	34	10
	Not classified	14	52	34	1
Number of employees at organisation worked	1 - 24	15	46	38	32
	25 - 499	16	48	36	34
	500+	12	50	38	15
	Sole trader or partnership, no employees	13	45	42	9
	Missing	19	47	33	10
WIMD - income score	20% Most Deprived	21	47	32	18
	20-40% Most Deprived	17	45	37	21
	40-60% Most Deprived	16	47	38	20
	20-40% Least Deprived	12	48	39	20
	20% Least Deprived	11	50	39	21
WIMD - employment score	20% Most Deprived	22	44	34	19
	20-40% Most Deprived	17	48	35	20
	40-60% Most Deprived	15	45	40	24
	20-40% Least Deprived	13	48	40	18
	20% Least Deprived	11	53	36	19
Ability to keep up with bills and credit commitments at present	Keeping up with all without any difficulties (ref)	12	48	40	47
	Keeping up with all but it is a struggle from time to time	14	49	37	33
	Keeping up with all but it is a constant struggle	24	48	28	12
	Falling behind with some	26	43	31	3

Table F.1 Proportion of the population with low, medium and high levels of perceiving thing done as worthwhile by a range of factors

Factors included in regressions		Things done in life are worthwhile			Factor prevalence Column %
		Very low or low 0-6	Medium 7-8	High 9-10 Row %	
	Having real financial problems and have fallen behind with many	53	29	18	1
	Have no bills	20	41	39	3
	Don't know/ refused	25	37	38	1
Marital status	Single	20	48	32	22
	Cohabiting	15	51	34	12
	Married/ in civil partnership	11	47	41	51
	Divorced/Separated	24	46	31	7
	Widowed/ surviving partner	23	43	34	7
Household type	Single person	25	44	31	14
	Couple without children	12	46	42	31
	Couple with children<16	11	50	39	21
	Couple with adult children	16	49	36	12
	Single parent household	19	45	36	4
	Respondent living with parents	17	48	35	12
	Other household	18	53	28	5
Housing Tenure	Owner-occupied	13	48	39	70
	Social housing	26	40	34	15
	Private Rented	18	53	30	15
Satisfaction with the wellbeing of own child(ren)	Very low	25	43	31	6
	Low	29	46	25	5
	Medium	19	57	24	19
	High	10	42	48	47
	Not asked	17	52	30	22
Age of youngest child in household	No children	17	46	37	64
	Under 5	13	45	42	13
	5-16	12	51	36	17
	17-18	16	51	33	7
Belonging to local area	Strongly agree	11	44	45	37
	Tend to agree	14	50	36	39
	Neither agree nor disagree/Don't know/No Opinion	22	51	28	16
	Tend to disagree	27	47	26	6
	Strongly disagree	30	40	30	2
People willing to help neighbours in the local area	Strongly agree	11	43	46	32
	Tend to agree	14	51	35	42
	Neither agree nor disagree/Don't know/No Opinion	20	49	31	15
	Tend to disagree	26	50	24	8
	Strongly disagree	32	36	32	3
Safety at home after dark	Very safe	13	46	41	66
	Fairly safe	20	52	29	30
	Fairly unsafe	25	45	30	3
	Very unsafe	44	32	24	1
Safety walking in	Very safe	11	46	43	35

Table F.1 Proportion of the population with low, medium and high levels of perceiving thing done as worthwhile by a range of factors

Factors included in regressions		Things done in life are worthwhile			Factor prevalence Column %
		Very low or low 0-6	Medium 7-8	High 9-10 Row %	
local area after dark	Fairly safe	16	51	34	44
	Fairly unsafe	22	45	33	14
	Very unsafe	27	38	35	5
	Don't know	25	38	37	1
Safety walking in nearest town/city centre after dark	Very safe	11	44	44	15
	Fairly safe	14	51	35	42
	Fairly unsafe	17	49	34	26
	Very unsafe	21	39	40	14
	Don't know	18	43	39	2
Trusting people in the neighbourhood	Many people can be trusted	11	48	41	45
	Some people can be trusted	17	48	36	36
	A few people can be trusted	25	47	29	13
	None of the people can be trusted	37	33	30	1
	Just moved here	8	61	31	1
	Don't know/ No opinion	18	48	34	3
Local area is free from graffiti and vandalism	Strongly agree	13	44	43	31
	Tend to agree	16	50	35	44
	Neither agree nor disagree	16	52	32	9
	Tend to disagree	20	48	31	12
	Strongly disagree	20	35	45	4
People from different backgrounds get on well together in local area	Strongly agree	9	43	48	19
	Tend to agree	14	49	37	47
	Neither agree nor disagree	20	50	30	19
	Tend to disagree	27	48	26	5
	Strongly disagree	31	34	36	2
	Don't know/ No opinion	20	43	37	3
	All same backgrounds	13	43	44	4
People treating each other with respect and consideration in local area	Strongly agree	11	42	47	26
	Tend to agree	13	50	36	50
	Neither agree nor disagree	22	51	27	14
	Tend to disagree	29	44	28	7
	Strongly disagree	29	36	35	3
	Don't know/ No opinion	12	61	27	1
Wants more information on how local authority is performing	Strongly agree	14	42	44	18
	Tend to agree	15	51	33	35
	Neither agree nor disagree	19	51	30	18
	Don't know/No opinion	11	49	40	0
	Tend to disagree	14	46	40	22
	Strongly disagree	17	38	46	7
Can influence decisions affecting local area	Strongly agree	9	44	47	4
	Tend to agree	12	49	40	20
	Neither agree nor disagree	17	52	32	19
	Don't know/No opinion	18	51	31	1
	Tend to disagree	15	48	37	36

Table F.1 Proportion of the population with low, medium and high levels of perceiving thing done as worthwhile by a range of factors

Factors included in regressions		Things done in life are worthwhile			Factor prevalence Column %
		Very low or low 0-6	Medium 7-8	High 9-10 Row %	
	Strongly disagree	20	42	38	20
Amount seen or heard about Welsh Government in the last 12 months	A great deal	11	47	43	6
	A fair amount	12	49	38	30
	Just a little	15	48	37	42
	Seen or heard about their work but know nothing about it	21	46	33	12
	Not seen or heard anything about their work	24	41	35	10
Overall satisfaction with way Welsh Government is doing its job	Very low	22	45	33	17
	Low/Medium	14	49	37	69
	High	11	31	59	6
	Don't know	19	48	33	8
WIMD - community safety score	20% Most Deprived	18	50	32	19
	20-40% Most Deprived	19	45	36	19
	40-60% Most Deprived	17	47	36	21
	20-40% Least Deprived	13	47	40	20
	20% Least Deprived	11	48	41	20
Use of a car	Yes	13	48	39	79
	No	25	44	31	21
Safety traveling by public transport after dark	Very safe	10	42	48	20
	Fairly safe	16	50	34	46
	Fairly unsafe	18	50	32	17
	Very unsafe	23	41	35	6
	Don't know	17	45	39	11
Overall satisfaction about the state of the transport system in Wales	Very low	17	48	35	20
	Low	18	48	34	34
	Medium	13	49	39	36
	High	11	25	64	8
	Don't know	20	39	41	3
	Not asked	16	48	36	n/a*
Unweighted bases		2,457	6,620	5,344	14,421
Weighted bases		382,020	1,168,749	913,129	2,463,899

* Note: Overall satisfaction with the state of the transport system was only asked of a sub-sample of the respondents (66% of respondents were not asked). The prevalence is based on those with a valid answer to the question (4,836).

Table F.2 Multiple binary logistic regression: Low level of things done in life being worthwhile

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Age	16-24 (ref)						
	25-34	-0.047	0.200	0.814	0.954	0.645	1.412
	35-44	0.107	0.203	0.600	1.112	0.747	1.656
	45-54	0.141	0.209	0.501	1.151	0.764	1.735
	55-64	-0.028	0.225	0.902	0.973	0.626	1.511
	65-74	-0.040	0.242	0.867	0.960	0.597	1.544
	75+	-0.086	0.260	0.742	0.918	0.551	1.528
Gender	Male (ref)						
	Female	-0.139	0.082	0.090	0.871	0.742	1.022
Ethnicity	White (ref)						
	Non-White	0.249	0.249	0.317	1.283	0.787	2.091
Welsh language	Can't speak Welsh or never speaks Welsh (ref)						
	Can only speak a little or just a few words	-0.283	0.160	0.077	0.753	0.550	1.031
	Can speak a fair amount, or is fluent but speaks Welsh less often than daily	-0.175	0.172	0.309	0.840	0.600	1.175
	Fluent and speak daily	-0.308	0.139	0.027	0.735	0.560	0.966
Highest educational qualification	NQF levels 4-8 (ref)						
	NQF level 3	-0.220	0.144	0.125	0.802	0.606	1.063
	NQF level 2	-0.016	0.124	0.901	0.985	0.772	1.256
	Below NQF level 2	0.142	0.151	0.344	1.153	0.858	1.549
	No qualification	0.149	0.130	0.251	1.160	0.900	1.496
	Don't know/refused	-0.118	0.171	0.491	0.889	0.636	1.243
General health	Very good (ref)						
	Good	0.314	0.109	0.004	1.368	1.106	1.693
	Fair	0.632	0.128	0.000	1.881	1.463	2.419
	Bad or Very bad	1.080	0.162	0.000	2.944	2.141	4.047
Limiting long-term illness or disability	No limiting long-term illness (ref)						
	Yes, a little	0.436	0.126	0.001	1.547	1.209	1.980
	Yes, a lot	0.012	0.114	0.914	1.012	0.810	1.265
Ease of getting to and from the GP surgery	Not applicable (ref)						
	Very easy	-0.257	0.102	0.012	0.774	0.634	0.944
	Fairly easy	-0.115	0.121	0.341	0.891	0.702	1.130
	Fairly or very difficult	-0.095	0.158	0.547	0.909	0.667	1.240
Economic activity status	Employed (ref)						
	Self-employed or other paid work	-0.019	0.174	0.911	0.981	0.698	1.379
	Looking for work (<1yr)	0.830	0.250	0.001	2.292	1.404	3.741
	Looking for work (1+yr/DK)	0.316	0.206	0.125	1.372	0.915	2.057
	Student, training scheme or unpaid work	0.106	0.263	0.688	1.111	0.664	1.861
	Inactive	0.143	0.111	0.196	1.154	0.929	1.434
Social class (NS-SEC 3)	Managerial and professional occupations (ref)						
	Intermediate occupations	0.247	0.141	0.080	1.280	0.971	1.687
	Routine and manual	0.291	0.107	0.006	1.338	1.085	1.649

Table F.2 Multiple binary logistic regression: Low level of things done in life being worthwhile

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
WIMD - employment score	occupations						
	Never worked and long-term unemployed	0.175	0.156	0.262	1.191	0.878	1.616
	Not classified	-0.149	0.563	0.791	0.861	0.286	2.595
	20% Most Deprived	0.589	0.181	0.001	1.803	1.265	2.569
	20-40% Most Deprived	0.379	0.168	0.024	1.461	1.052	2.030
Ability to keep up with bills and credit commitments at present	40-60% Most Deprived	0.409	0.145	0.005	1.506	1.133	2.002
	20-40% Least Deprived	0.195	0.142	0.170	1.216	0.920	1.607
	20% Least Deprived (ref)						
	Keeping up with all without any difficulties (ref)						
	Keeping up with all but it is a struggle from time to time	-0.004	0.088	0.964	0.996	0.839	1.183
Marital status	Keeping up with all but it is a constant struggle	0.262	0.117	0.026	1.300	1.032	1.636
	Falling behind with some	0.235	0.178	0.188	1.264	0.892	1.792
	Having real financial problems and have fallen behind with many	1.210	0.278	0.000	3.354	1.943	5.789
	Have no bills	0.525	0.286	0.066	1.690	0.966	2.959
	Don't know/ refused	0.396	0.341	0.245	1.486	0.762	2.900
Household type	Single	0.447	0.235	0.057	1.564	0.987	2.477
	Cohabiting	0.215	0.130	0.098	1.240	0.961	1.600
	Married/ in civil partnership (ref)						
	Divorced/Separated	0.382	0.222	0.086	1.465	0.948	2.265
	Widowed/ surviving partner	0.456	0.228	0.045	1.577	1.010	2.464
Housing Tenure	Single person	-0.102	0.184	0.580	0.903	0.629	1.296
	Couple without children	-0.150	0.164	0.361	0.861	0.624	1.188
	Couple with children<16	0.375	0.298	0.208	1.455	0.811	2.610
	Couple with adult children						
	Single parent household	0.278	0.345	0.421	1.321	0.671	2.599
Satisfaction with the wellbeing of own child(ren)	Respondent living with parents	-0.169	0.271	0.533	0.845	0.497	1.436
	Other household	-0.303	0.266	0.255	0.738	0.438	1.244
	Owner-occupied (ref)						
	Social housing	0.105	0.103	0.310	1.111	0.907	1.360
	Private Rented	-0.064	0.121	0.595	0.938	0.740	1.189
Age of youngest child in household	Very low	0.773	0.140	0.000	2.166	1.645	2.852
	Low	0.719	0.133	0.000	2.052	1.581	2.664
	Medium	0.285	0.092	0.002	1.330	1.111	1.594
	High (ref)						
	Not asked	0.415	0.117	0.000	1.514	1.203	1.904
Feel belonging to local area	No children (ref)						
	Under 5	-0.359	0.317	0.258	0.699	0.375	1.300
	5-16	-0.620	0.270	0.022	0.538	0.317	0.914
	17-18	-0.287	0.208	0.168	0.750	0.499	1.129
	Strongly agree (ref)						
	Tend to agree	0.095	0.087	0.277	1.099	0.927	1.304
	Neither agree nor disagree/Don't know/No Opinion	0.458	0.116	0.000	1.581	1.260	1.983

Table F.2 Multiple binary logistic regression: Low level of things done in life being worthwhile

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
	Tend to disagree	0.455	0.159	0.004	1.576	1.155	2.152
	Strongly disagree	0.606	0.244	0.013	1.832	1.136	2.955
Safety walking in local area after dark	Very safe (ref)						
	Fairly safe	0.188	0.091	0.039	1.207	1.009	1.444
	Fairly unsafe	0.268	0.124	0.030	1.307	1.026	1.666
	Very unsafe	0.390	0.164	0.017	1.477	1.072	2.036
	Don't know	0.461	0.227	0.043	1.586	1.015	2.476
Trusting people in the neighbourhood	Many people can be trusted (ref)						
	Some people can be trusted	0.049	0.090	0.584	1.050	0.881	1.253
	A few people can be trusted	0.086	0.120	0.470	1.090	0.862	1.378
	None of the people can be trusted	0.199	0.331	0.548	1.220	0.638	2.333
	Just moved here	-1.383	0.361	0.000	0.251	0.124	0.509
	Don't know/ No opinion	0.032	0.207	0.878	1.032	0.689	1.547
People from different backgrounds get on well together in local area	Strongly agree (ref)						
	Tend to agree	0.225	0.125	0.072	1.252	0.980	1.600
	Neither agree nor disagree	0.359	0.141	0.011	1.432	1.087	1.887
	Tend to disagree	0.377	0.186	0.043	1.458	1.013	2.100
	Strongly disagree	0.675	0.261	0.010	1.965	1.178	3.275
	Don't know/ No opinion	0.458	0.206	0.026	1.580	1.056	2.365
	All same backgrounds	0.300	0.204	0.142	1.350	0.905	2.013
People treating each other with respect and consideration in local area	Strongly agree (ref)						
	Tend to agree	-0.191	0.110	0.082	0.826	0.666	1.025
	Neither agree nor disagree	0.056	0.139	0.684	1.058	0.806	1.389
	Tend to disagree	0.206	0.170	0.226	1.228	0.881	1.713
	Strongly disagree	-0.043	0.240	0.857	0.958	0.598	1.534
	Don't know/ No opinion	-0.856	0.329	0.009	0.425	0.223	0.809
Can influence decisions affecting local area	Strongly agree (ref)						
	Tend to agree	0.276	0.239	0.248	1.318	0.825	2.107
	Neither agree nor disagree	0.531	0.238	0.026	1.701	1.067	2.712
	Don't know/No opinion	0.275	0.502	0.584	1.317	0.492	3.524
	Tend to disagree	0.288	0.232	0.216	1.333	0.845	2.103
	Strongly disagree	0.522	0.237	0.028	1.685	1.059	2.682
Amount seen or heard about Welsh Government in the last 12 months	A great deal (ref)						
	A fair amount	0.106	0.188	0.573	1.112	0.769	1.608
	Just a little	0.137	0.187	0.465	1.147	0.794	1.656
	Seen or heard about their work but know nothing about it	0.433	0.207	0.037	1.542	1.027	2.315
	Not seen or heard anything about their work	0.508	0.210	0.016	1.662	1.100	2.511
Overall satisfaction with way Welsh Government is doing its job	Very low (ref)						
	Low/Medium	-0.325	0.092	0.000	0.723	0.604	0.866
	High	-0.131	0.203	0.518	0.877	0.589	1.306
	Don't know	-0.361	0.153	0.018	0.697	0.516	0.940
WIMD - community safety score	20% Most Deprived	-0.620	0.180	0.001	0.538	0.378	0.766
	20-40% Most Deprived	-0.167	0.169	0.322	0.846	0.608	1.178
	40-60% Most Deprived	-0.060	0.146	0.680	0.942	0.707	1.253
	20-40% Least Deprived	-0.058	0.135	0.665	0.943	0.725	1.228

Table F.2 Multiple binary logistic regression: Low level of things done in life being worthwhile

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
20% Least Deprived							
Use of a car	Yes (ref)						
	No	0.259	0.104	0.013	1.295	1.057	1.587
Constant		-3.188	0.424	0.000	0.041	0.018	0.095

Unweighted base: 8,913

Note: Shaded rows denote factors significantly related to low levels of feeling things done are worthwhile.

Table F.3 Multiple binary logistic regression: High levels of feeling things done are worthwhile.

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Age	16-24 (ref)						
	25-34	-0.169	0.143	0.238	0.844	0.638	1.118
	35-44	-0.073	0.151	0.628	0.929	0.691	1.250
	45-54	-0.184	0.157	0.242	0.832	0.611	1.132
	55-64	0.033	0.167	0.845	1.033	0.744	1.434
	65-74	0.175	0.179	0.331	1.191	0.838	1.693
	75+	0.049	0.191	0.796	1.051	0.722	1.528
Gender	Male (ref)						
	Female	0.297	0.059	0.000	1.346	1.199	1.510
Ethnicity	White (ref)						
	Non-White	-0.024	0.177	0.892	0.976	0.689	1.382
Highest educational qualification	NQF levels 4-8 (ref)						
	NQF level 3	-0.221	0.092	0.016	0.801	0.669	0.960
	NQF level 2	-0.022	0.083	0.791	0.978	0.832	1.151
	Below NQF level 2	0.031	0.106	0.768	1.032	0.839	1.269
	No qualification	-0.110	0.092	0.231	0.895	0.747	1.073
	Don't know/refused	-0.203	0.121	0.092	0.816	0.644	1.034
Discrimination in the last year	Not selected (ref)						
	Age	-0.666	0.322	0.038	0.514	0.273	0.965
General health	Very good (ref)						
	Good	-0.257	0.064	0.000	0.774	0.683	0.876
	Fair	-0.433	0.079	0.000	0.648	0.555	0.758
	Bad or Very bad	-0.698	0.124	0.000	0.498	0.390	0.635
Want more info on performance of local health services	Strongly agree (ref)						
	Tend to agree	0.010	0.075	0.900	1.010	0.871	1.170
	Neither agree nor disagree/Don't know/No opinion	-0.057	0.094	0.545	0.945	0.786	1.135
	Tend to or strongly disagree	0.190	0.087	0.030	1.209	1.019	1.435
Overall satisfaction with care received from GP	Question not applicable (ref)						
	Very satisfied	-0.015	0.069	0.823	0.985	0.861	1.127
	Fairly satisfied	-0.305	0.089	0.001	0.737	0.619	0.877
	Neither satisfied nor dissatisfied/Don't know/Can't remember	0.106	0.177	0.551	1.111	0.785	1.573
	Fairly or very dissatisfied	-0.044	0.154	0.773	0.957	0.707	1.294
Economic activity status	Employed (ref)						
	Self-employed or other paid work	0.075	0.126	0.553	1.078	0.841	1.381
	Looking for work (<1yr)	0.247	0.271	0.362	1.281	0.753	2.179
	Looking for work (1+yr/DK)	0.109	0.182	0.549	1.115	0.781	1.592
	Student, training scheme or unpaid work	0.342	0.207	0.098	1.408	0.939	2.112
	Inactive	0.175	0.078	0.026	1.191	1.022	1.388
Social class (NS-SEC)	Managerial and professional occupations (ref)						
	Intermediate occupations	-0.034	0.091	0.706	0.966	0.808	1.155
	Routine and manual occupations	-0.040	0.074	0.585	0.960	0.831	1.110

Table F.3 Multiple binary logistic regression: High levels of feeling things done are worthwhile.

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
	Never worked and long-term unemployed	0.047	0.222	0.834	1.048	0.678	1.619
	Not classified	-0.318	0.229	0.164	0.727	0.464	1.139
Number of employees at organisation worked	1 - 24 (ref)						
	25 - 499	-0.085	0.063	0.180	0.919	0.812	1.040
	500+	-0.100	0.082	0.221	0.904	0.770	1.062
	Sole trader or partnership, no employees	0.252	0.111	0.023	1.286	1.035	1.599
	Missing	-0.356	0.216	0.100	0.701	0.459	1.070
WIMD - income score	20% Most Deprived	-0.565	0.185	0.002	0.569	0.396	0.817
	20-40% Most Deprived	-0.337	0.155	0.029	0.714	0.527	0.967
	40-60% Most Deprived	-0.436	0.125	0.000	0.646	0.506	0.826
	20-40% Least Deprived	-0.249	0.100	0.013	0.780	0.641	0.948
	20% Least Deprived (ref)						
WIMD - employment score	20% Most Deprived	0.575	0.182	0.002	1.777	1.244	2.537
	20-40% Most Deprived	0.424	0.154	0.006	1.528	1.129	2.069
	40-60% Most Deprived	0.581	0.125	0.000	1.788	1.398	2.287
	20-40% Least Deprived	0.347	0.101	0.001	1.415	1.160	1.725
	20% Least Deprived (ref)						
Marital status	Single	0.061	0.186	0.745	1.062	0.738	1.529
	Cohabiting	-0.133	0.092	0.149	0.875	0.731	1.049
	Married/ in civil partnership (ref)						
	Divorced/Separated	-0.146	0.176	0.407	0.864	0.613	1.220
	Widowed/ surviving partner	-0.277	0.179	0.122	0.758	0.534	1.077
Household type	Single person	0.020	0.159	0.900	1.020	0.746	1.395
	Couple without children	0.194	0.108	0.072	1.214	0.983	1.499
	Couple with children<16	-0.217	0.218	0.320	0.805	0.524	1.235
	Couple with adult children (ref)						
	Single parent household	-0.180	0.276	0.514	0.835	0.486	1.435
	Respondent living with parents	0.176	0.222	0.429	1.192	0.771	1.844
	Other household	-0.078	0.210	0.712	0.925	0.613	1.397
Housing Tenure	Owner-occupied (ref)						
	Social housing	0.098	0.091	0.280	1.103	0.923	1.318
	Private Rented	-0.220	0.090	0.015	0.803	0.673	0.958
Satisfaction with the wellbeing of own child(ren)	Very low	-0.467	0.142	0.001	0.627	0.474	0.829
	Low	-0.656	0.125	0.000	0.519	0.406	0.663
	Medium	-0.879	0.070	0.000	0.415	0.362	0.476
	High (ref)						
	Not asked	-0.674	0.094	0.000	0.510	0.423	0.613
Age of youngest child in household	No children (ref)						
	Under 5	0.441	0.212	0.038	1.554	1.026	2.353
	5 - 16	0.143	0.199	0.472	1.153	0.781	1.703
	17-18	-0.040	0.150	0.792	0.961	0.716	1.290
People willing to help neighbours	Strongly agree (ref)						
	Tend to agree	-0.173	0.061	0.005	0.841	0.746	0.948
	Neither agree nor disagree/Don't know/No Opinion	-0.165	0.093	0.074	0.848	0.707	1.016
	Tend to disagree	-0.469	0.123	0.000	0.626	0.491	0.796

Table F.3 Multiple binary logistic regression: High levels of feeling things done are worthwhile.

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
	Strongly disagree	0.035	0.191	0.856	1.035	0.712	1.505
Safety at home after dark	Very safe (ref)						
	Fairly safe	-0.231	0.066	0.000	0.794	0.698	0.903
	Fairly unsafe	-0.018	0.189	0.925	0.982	0.678	1.424
	Very unsafe	-0.289	0.353	0.413	0.749	0.375	1.496
Safety walking in nearest town/city centre after dark	Very safe (ref)						
	Fairly safe	-0.066	0.086	0.440	0.936	0.791	1.107
	Fairly unsafe	-0.039	0.098	0.693	0.962	0.794	1.166
	Very unsafe	0.280	0.115	0.015	1.323	1.056	1.658
	Don't know	0.022	0.168	0.895	1.023	0.735	1.422
Local area free from graffiti and vandalism	Strongly agree (ref)						
	Tend to agree	-0.082	0.064	0.202	0.921	0.812	1.045
	Neither agree nor disagree	-0.017	0.106	0.873	0.983	0.799	1.210
	Tend to disagree	-0.020	0.101	0.845	0.981	0.805	1.194
	Strongly disagree	0.601	0.168	0.000	1.823	1.311	2.537
People from different backgrounds get on well together in local area	Strongly agree (ref)						
	Tend to agree	-0.160	0.073	0.029	0.852	0.739	0.984
	Neither agree nor disagree	-0.264	0.094	0.005	0.768	0.639	0.923
	Tend to disagree	-0.423	0.146	0.004	0.655	0.492	0.872
	Strongly disagree	0.297	0.223	0.182	1.346	0.870	2.083
	Don't know/ No opinion	-0.162	0.157	0.301	0.851	0.626	1.156
	All same backgrounds	-0.011	0.132	0.932	0.989	0.764	1.280
Wants more information on how local authority is performing	Strongly agree (ref)						
	Tend to agree	-0.428	0.079	0.000	0.652	0.559	0.761
	Neither agree nor disagree	-0.411	0.095	0.000	0.663	0.551	0.799
	Don't know/No opinion	-0.224	0.471	0.635	0.800	0.317	2.014
	Tend to disagree	-0.322	0.090	0.000	0.725	0.608	0.865
	Strongly disagree	-0.171	0.119	0.151	0.843	0.667	1.065
Overall satisfaction with way Welsh Government is doing its job	Very low (ref)						
	Low/Medium	0.081	0.070	0.247	1.084	0.946	1.242
	High	0.782	0.139	0.000	2.186	1.665	2.871
	Don't know	-0.028	0.120	0.818	0.973	0.770	1.230
Use of a car	Yes (ref)						
	No	-0.174	0.084	0.040	0.841	0.712	0.992
Safety travelling by public transport after dark	Very safe (ref)						
	Fairly safe	-0.310	0.079	0.000	0.733	0.628	0.856
	Fairly unsafe	-0.381	0.100	0.000	0.683	0.561	0.831
	Very unsafe	-0.381	0.141	0.007	0.683	0.518	0.901
	Don't know	-0.220	0.096	0.022	0.803	0.665	0.969
Overall satisfaction about the state of the transport system in Wales	Very low (ref)						
	Low	-0.049	0.131	0.707	0.952	0.736	1.231
	Medium	0.014	0.123	0.909	1.014	0.797	1.291
	High	0.951	0.202	0.000	2.587	1.742	3.842
	Don't know	0.186	0.272	0.494	1.204	0.707	2.050
	Not asked	-0.006	0.103	0.957	0.995	0.813	1.217
Constant		0.952	0.257	0.000	2.591	1.565	4.287

Unweighted base: 11,802

Note: Shaded rows denote factors significantly related to high levels of feeling things done are worthwhile.

Appendix G: Happiness yesterday regression results

Table G.1 Proportion of people with low, medium and high happiness yesterday by a range of factors

Factors included in regressions		Happiness yesterday			Factor prevalence
		Very low or low 0-6	Medium 7-8	High 9-10	
				Row %	Column %
Total		25	39	37	100
Age	16-24	25	37	37	15
	25-34	25	41	35	15
	35-44	27	38	35	15
	45-54	28	39	32	17
	55-64	24	40	36	15
	65-74	21	35	44	13
	75+	22	39	40	11
Gender	Male	24	40	36	49
	Female	26	37	37	51
Ethnicity	White	25	38	37	96
	Non-White	24	42	34	4
Highest educational qualification	NQF levels 4-8	21	42	37	29
	NQF level 3	25	42	33	16
	NQF level 2	26	36	38	22
	Below NQF level 2	30	34	36	9
	No qualification	27	36	37	19
	Don't know/refused	23	37	40	5
Social class (NS-SEC)	Managerial and professional occupations	21	41	38	28
	Intermediate occupations	24	40	35	12
	Routine and manual occupations	27	37	36	49
	Never worked and long-term unemployed	27	36	37	10
	Not classified	29	36	34	1
General health	Very good	18	38	44	32
	Good	22	41	37	38
	Fair	31	38	30	22
	Bad or Very bad	50	30	20	8
Want more info on performance of local health services	Strongly agree	28	35	37	19
	Tend to agree	23	41	36	38
	Neither agree nor disagree/Don't know/No opinion	27	42	31	18
	Tend to or strongly disagree	23	35	42	24
Ease of getting to and from the GP surgery	Not applicable	21	39	40	22
	Very easy	23	38	39	53
	Fairly easy	32	40	28	20
	Fairly or very difficult	38	34	28	5
Discrimination in the last year	Not selected	25	39	37	99
	Other health problem or disability	56	23	21	1
Economic activity status	Employed	24	40	36	47
	Self-employed or other paid work	24	40	36	7
	Looking for work (<1yr)	27	47	26	2
	Looking for work (1+yr/DK)	34	35	31	3

Table G.1 Proportion of people with low, medium and high happiness yesterday by a range of factors

Factors included in regressions		Happiness yesterday			Factor prevalence
		Very low or low 0-6	Medium 7-8	High 9-10	
Row %					Column %
	Student, training scheme or unpaid work	23	36	41	5
	Inactive	26	36	38	36
Finance - ability to keep up with bills and credit commitments at present	Keeping up with all without any difficulties	21	38	41	47
	Keeping up with all but it is a struggle from time to time	24	40	36	33
	Keeping up with all but it is a constant struggle	37	38	25	12
	Falling behind with some	35	39	26	3
	Having real financial problems and have fallen behind with many	58	26	16	1
	Have no bills	25	35	40	3
	Don't know/ refused	31	37	32	1
Marital status	Single	28	38	34	22
	Cohabiting	26	39	35	12
	Married/ in civil partnership	22	39	40	51
	Divorced/Separated	34	37	29	8
	Widowed/ surviving partner	27	37	35	7
Household type	Single person	31	38	32	14
	Couple without children	22	38	40	31
	Couple with children<16	23	40	37	21
	Couple with adult children	24	39	37	12
	Single parent household	36	35	29	4
	Respondent living with parents	27	37	36	12
	Other household	24	42	34	5
Housing Tenure	Owner-occupied	23	39	38	70
	Social housing	34	35	31	15
	Private Rented	26	40	34	15
Satisfaction with the wellbeing of own child(ren)	Very low	34	38	28	6
	Low	41	36	23	5
	Medium	29	49	23	19
	High	20	34	46	47
	Not asked	25	40	35	23
Kept informed as much as want to be about child's progress	Not applicable	25	38	37	80
	Strongly agree	24	41	35	12
	Tend to agree	29	35	36	6
	Neither agree nor disagree, no opinion or don't know	25	42	33	1
	Tend to or strongly disagree	29	40	30	2
Local area - belonging to local area	Strongly agree	20	37	42	37
	Tend to agree	24	40	36	39
	Neither agree nor disagree/Don't know/No Opinion	31	38	31	16
	Tend to disagree	36	38	27	6
	Strongly disagree	42	31	27	2

Table G.1 Proportion of people with low, medium and high happiness yesterday by a range of factors

Factors included in regressions		Happiness yesterday			Factor prevalence
		Very low or low 0-6	Medium 7-8	High 9-10	
Row %					Column %
People willing to help neighbours in local area	Strongly agree	21	35	44	32
	Tend to agree	23	41	36	42
	Neither agree nor disagree/Don't know/No Opinion	29	40	31	15
	Tend to disagree	38	37	25	8
	Strongly disagree	39	31	31	3
Trusting people in the neighbourhood	Many people can be trusted	21	39	40	45
	Some people can be trusted	26	39	36	36
	A few people can be trusted	35	36	29	13
	None of the people can be trusted	41	24	35	1
	Just moved here	36	33	31	1
	Don't know/ No opinion	26	45	30	3
People treating each other with respect and consideration in local area	Strongly agree	18	37	44	26
	Tend to agree	23	40	37	50
	Neither agree nor disagree	33	38	29	14
	Tend to disagree	39	35	26	7
	Strongly disagree	39	33	27	3
	Don't know/ No opinion	26	37	37	1
Wants more information on how local authority is performing	Strongly agree	28	33	40	18
	Tend to agree	23	42	34	35
	Neither agree nor disagree	28	41	31	18
	Don't know/No opinion	24	43	33	0
	Tend to disagree	23	37	40	22
	Strongly disagree	22	34	44	7
Can influence decisions affecting local area	Strongly agree	25	32	43	4
	Tend to agree	21	43	36	20
	Neither agree nor disagree	26	42	33	19
	Don't know/No opinion	18	44	38	1
	Tend to disagree	25	37	39	36
	Strongly disagree	29	35	36	20
Overall satisfaction with way Welsh Government is doing its job	Very low	33	36	31	17
	Low/Medium	23	40	37	69
	High	15	33	52	6
	Don't know	27	35	37	8
Safety traveling by public transport after dark	Very safe	18	34	49	20
	Fairly safe	25	41	34	46
	Fairly unsafe	30	40	31	16
	Very unsafe	37	31	32	7
	Don't know	25	39	37	11
Overall satisfaction about the state of the transport system in Wales	Very low	31	35	34	20
	Low	26	41	32	33
	Medium	19	41	41	36
	High	15	25	60	8
	Don't know	35	38	28	3
	Not asked	25	39	36	n/a*

Table G.1 Proportion of people with low, medium and high happiness yesterday by a range of factors

Factors included in regressions	Happiness yesterday			Factor prevalence
	Very low or low 0-6	Medium 7-8	High 9-10	
			Row %	Column %
Unweighted bases	3,723	5,558	5,201	14,482
Weighted bases	615,408	953,259	905,908	2,474,575

* Note: Overall satisfaction with the state of the transport system was only asked of a sub-sample of the respondents (66% of respondents were not asked). The prevalence is based on those with a valid answer to the question (4,858).

Table G.2 Multiple binary logistic regression: Low happiness

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Age	16-24 (ref)						
	25-34	-0.043	0.166	0.796	0.958	0.692	1.327
	35-44	0.154	0.170	0.366	1.167	0.835	1.629
	45-54	0.095	0.176	0.590	1.100	0.778	1.554
	55-64	-0.226	0.185	0.223	0.798	0.555	1.147
	65-74	-0.287	0.203	0.157	0.750	0.504	1.117
	75+	-0.430	0.218	0.049	0.650	0.424	0.998
Gender	Male (ref)						
	Female	0.143	0.066	0.030	1.153	1.014	1.312
Ethnicity	White (ref)						
	Non-White	-0.032	0.229	0.888	0.968	0.618	1.516
Highest educational qualification	NQF levels 4-8 (ref)						
	NQF level 3	0.033	0.110	0.766	1.033	0.833	1.281
	NQF level 2	0.174	0.099	0.078	1.190	0.981	1.444
	Below NQF level 2	0.306	0.120	0.011	1.358	1.073	1.718
	No qualification	0.151	0.107	0.161	1.163	0.942	1.435
	Don't know/refused	0.058	0.145	0.688	1.060	0.797	1.409
Social class (NS-SEC)	Managerial and professional occupations (ref)						
	Intermediate occupations	0.039	0.108	0.720	1.040	0.840	1.286
	Routine and manual occupations	0.166	0.086	0.055	1.180	0.996	1.398
	Never worked and long-term unemployed	0.091	0.141	0.518	1.096	0.831	1.446
	Not classified	0.313	0.329	0.343	1.367	0.717	2.607
General health	Very good (ref)						
	Good	0.153	0.083	0.065	1.165	0.991	1.369
	Fair	0.519	0.091	0.000	1.681	1.407	2.008
	Bad or Very bad	1.186	0.113	0.000	3.274	2.626	4.083
Want more info on performance of local health services	Strongly agree (ref)						
	Tend to agree	-0.275	0.085	0.001	0.759	0.642	0.898
	Neither agree nor disagree/Don't know/No opinion	-0.169	0.106	0.111	0.844	0.685	1.040
	Tend to or strongly disagree	-0.092	0.104	0.374	0.912	0.743	1.118
Discrimination in last year	Not selected (ref)						
	Other health problem or disability	0.680	0.364	0.062	1.975	0.967	4.033
Economic activity status	Employed (ref)						
	Self-employed or other paid work	0.073	0.134	0.586	1.076	0.827	1.400
	Looking for work (<1yr)	-0.213	0.243	0.380	0.808	0.502	1.301
	Looking for work (1+yr/DK)	0.207	0.191	0.280	1.229	0.845	1.788
	Student, training scheme or unpaid work	0.063	0.227	0.783	1.065	0.682	1.662
	Inactive	0.033	0.090	0.714	1.033	0.867	1.232
Marital status	Single	-0.105	0.192	0.586	0.901	0.618	1.313
	Cohabiting	0.089	0.109	0.414	1.094	0.882	1.355
	Married/ in civil partnership (ref)						

Table G.2 Multiple binary logistic regression: Low happiness

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Household type	Divorced/Separated	0.034	0.178	0.850	1.034	0.730	1.465
	Widowed/ surviving partner	0.093	0.191	0.627	1.097	0.754	1.596
	Single person	0.316	0.162	0.051	1.372	0.999	1.884
	Couple without children	0.062	0.120	0.608	1.064	0.840	1.346
	Couple with children<16	-0.031	0.136	0.819	0.969	0.742	1.266
	Couple with adult children (ref)						
	Single parent household	0.412	0.198	0.037	1.510	1.025	2.225
	Respondent living with parents	0.439	0.233	0.060	1.551	0.982	2.449
Housing Tenure	Other household	0.025	0.222	0.911	1.025	0.664	1.583
	Owner-occupied (ref)						
	Social housing	0.042	0.090	0.643	1.043	0.874	1.244
Satisfaction with the wellbeing of own child(ren)	Private Rented	-0.061	0.103	0.553	0.941	0.769	1.151
	Very low	0.270	0.136	0.048	1.309	1.003	1.710
	Low	0.526	0.112	0.000	1.692	1.359	2.107
	Medium	-0.030	0.074	0.682	0.970	0.838	1.122
	High (ref)						
Belonging to local area	Not asked	0.016	0.110	0.885	1.016	0.819	1.260
	Strongly agree (ref)						
	Tend to agree	0.110	0.073	0.134	1.116	0.967	1.289
	Neither agree nor disagree/Don't know/No Opinion	0.318	0.098	0.001	1.374	1.134	1.664
	Tend to disagree	0.315	0.134	0.019	1.370	1.053	1.782
People willing to help neighbours in local area	Strongly disagree	0.573	0.221	0.009	1.773	1.151	2.733
	Strongly agree (ref)						
	Tend to agree	-0.177	0.079	0.025	0.838	0.717	0.978
	Neither agree nor disagree/Don't know/No Opinion	-0.165	0.110	0.133	0.848	0.684	1.052
	Tend to disagree	0.066	0.127	0.606	1.068	0.832	1.370
Trusting people in the neighbourhood	Strongly disagree	0.031	0.200	0.876	1.032	0.698	1.526
	Many people can be trusted (ref)						
	Some people can be trusted	0.013	0.075	0.859	1.013	0.875	1.174
	A few people can be trusted	0.228	0.108	0.034	1.256	1.018	1.551
	None of the people can be trusted	0.313	0.255	0.219	1.368	0.830	2.256
	Just moved here	0.668	0.340	0.050	1.949	1.001	3.798
People treating each other with respect and consideration in local area	Don't know/ No opinion	-0.183	0.177	0.302	0.833	0.589	1.178
	Strongly agree (ref)						
	Tend to agree	0.131	0.085	0.123	1.140	0.965	1.346
	Neither agree nor disagree	0.317	0.119	0.008	1.373	1.088	1.733
	Tend to disagree	0.375	0.141	0.008	1.455	1.103	1.918
	Strongly disagree	0.131	0.219	0.551	1.140	0.741	1.753
Wants more information on how local authority is performing	Don't know/ No opinion	-0.092	0.305	0.764	0.912	0.502	1.660
	Strongly agree (ref)						
	Tend to agree	-0.274	0.095	0.004	0.760	0.632	0.915
	Neither agree nor disagree	-0.094	0.114	0.406	0.910	0.728	1.137
	Don't know/No opinion	-0.273	0.690	0.692	0.761	0.197	2.943
	Tend to disagree	-0.083	0.111	0.455	0.920	0.740	1.144
Can influence	Strongly disagree	-0.329	0.144	0.023	0.720	0.542	0.956
	Strongly agree (ref)						

Table G.2 Multiple binary logistic regression: Low happiness

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
decisions affecting local area	Tend to agree	-0.339	0.181	0.061	0.712	0.499	1.016
	Neither agree nor disagree	-0.152	0.181	0.401	0.859	0.603	1.224
	Don't know/No opinion	-0.773	0.337	0.022	0.461	0.238	0.893
	Tend to disagree	-0.173	0.173	0.318	0.841	0.599	1.181
	Strongly disagree	-0.084	0.176	0.634	0.920	0.652	1.298
Overall satisfaction with way Welsh Government is doing its job	Very low (ref)						
	Low/Medium	-0.252	0.077	0.001	0.778	0.668	0.905
	High	-0.546	0.170	0.001	0.579	0.415	0.809
	Don't know	-0.150	0.135	0.266	0.861	0.661	1.121
Overall satisfaction about the state of the transport system in Wales	Very low (ref)						
	Low	-0.198	0.142	0.164	0.821	0.621	1.084
	Medium	-0.414	0.144	0.004	0.661	0.498	0.877
	High	-0.118	0.247	0.633	0.889	0.548	1.441
	Don't know	0.106	0.283	0.708	1.112	0.638	1.938
	Not asked	-0.142	0.117	0.222	0.867	0.690	1.090
Constant		-0.533	0.305	0.080	0.587	0.323	1.067

Unweighted base: 9,167

Note: Shaded rows denote factors significantly related to low levels of happiness

Table G.3 Multiple binary logistic regression: High happiness

Table 6: Multiple logistic regression: high happiness						95% Conf interval OR	
		Coeff.	Std. Err.	P>t	Odds Ratio	Low	High
Age	16-24 (ref)						
	25-34	-0.171	0.158	0.277	0.842	0.618	1.148
	35-44	-0.169	0.165	0.304	0.844	0.612	1.166
	45-54	-0.280	0.169	0.098	0.756	0.543	1.053
	55-64	-0.278	0.176	0.114	0.757	0.536	1.069
	65-74	0.026	0.188	0.888	1.027	0.710	1.485
	75+	-0.209	0.200	0.295	0.811	0.548	1.200
Gender	Male (ref)						
	Female	0.200	0.059	0.001	1.221	1.087	1.372
Ethnicity	White (ref)						
	Non-White	-0.042	0.191	0.824	0.959	0.660	1.393
Highest educational qualification	NQF levels 4-8 (ref)						
	NQF level 3	-0.054	0.100	0.586	0.947	0.779	1.151
	NQF level 2	0.180	0.086	0.037	1.197	1.011	1.418
	Below NQF level 2	0.233	0.113	0.040	1.262	1.011	1.576
	No qualification	0.142	0.094	0.131	1.153	0.959	1.387
	Don't know/refused	0.146	0.131	0.268	1.157	0.894	1.497
Social class (NS-SEC)	Managerial and professional occupations (ref)						
	Intermediate occupations	-0.114	0.097	0.243	0.893	0.738	1.080
	Routine and manual occupations	-0.010	0.077	0.901	0.990	0.852	1.151
	Never worked and long-term unemployed	-0.101	0.126	0.425	0.904	0.706	1.158
	Not classified	0.052	0.240	0.830	1.053	0.658	1.686
General health	Very good (ref)						
	Good	-0.190	0.067	0.005	0.827	0.725	0.943
	Fair	-0.369	0.083	0.000	0.692	0.588	0.813
	Bad or Very bad	-0.584	0.133	0.000	0.558	0.430	0.723
Ease of getting to and from the GP surgery	Not applicable						
	Very easy	0.066	0.072	0.363	1.068	0.927	1.230
	Fairly easy	-0.188	0.094	0.045	0.828	0.689	0.995
	Fairly or very difficult	0.008	0.142	0.956	1.008	0.763	1.331
Economic activity status	Employed (ref)						
	Self-employed or other paid work	0.035	0.113	0.757	1.035	0.830	1.292
	Looking for work (<1yr)	-0.429	0.298	0.150	0.651	0.363	1.168
	Looking for work (1+yr/DK)	0.072	0.181	0.691	1.075	0.753	1.533
	Student, training scheme or unpaid work	0.359	0.215	0.094	1.432	0.940	2.181
	Inactive	0.076	0.080	0.342	1.079	0.922	1.264
Ability to keep up with bills and credit commitments at present	Keeping up with all without any difficulties (ref)						
	Keeping up with all but it is a struggle from time to time	-0.158	0.064	0.014	0.854	0.753	0.968
	Keeping up with all but it is a constant struggle	-0.431	0.104	0.000	0.650	0.530	0.797
	Falling behind with some	-0.455	0.171	0.008	0.635	0.454	0.888
	Having real financial problems	-0.452	0.291	0.121	0.637	0.360	1.127

Table G.3 Multiple binary logistic regression: High happiness

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
	and have fallen behind with many						
	Have no bills	0.063	0.239	0.792	1.065	0.667	1.700
	Don't know/ refused	-0.328	0.279	0.239	0.720	0.417	1.244
Marital status	Single	-0.015	0.189	0.939	0.986	0.680	1.429
	Cohabiting	-0.096	0.096	0.315	0.908	0.753	1.096
	Married/ in civil partnership (ref)						
	Divorced/Separated	-0.066	0.176	0.707	0.936	0.662	1.323
	Widowed/ surviving partner	-0.138	0.176	0.436	0.872	0.617	1.232
Household type	Single person	-0.153	0.157	0.330	0.858	0.631	1.168
	Couple without children	0.018	0.106	0.869	1.018	0.827	1.252
	Couple with children<16	-0.129	0.133	0.333	0.879	0.677	1.141
	Couple with adult children (ref)						
	Single parent household	-0.181	0.214	0.398	0.834	0.549	1.269
	Respondent living with parents	-0.144	0.226	0.524	0.866	0.557	1.348
	Other household	-0.175	0.209	0.401	0.839	0.557	1.264
Housing Tenure	Owner-occupied (ref)						
	Social housing	-0.070	0.089	0.429	0.932	0.784	1.109
	Private Rented	-0.079	0.094	0.401	0.924	0.769	1.111
Satisfaction with the wellbeing of own child(ren)	Very low	-0.670	0.141	0.000	0.512	0.388	0.674
	Low	-0.730	0.124	0.000	0.482	0.378	0.614
	Medium	-0.997	0.072	0.000	0.369	0.320	0.425
	High (ref)						
	Not asked	-0.521	0.094	0.000	0.594	0.494	0.715
Kept informed as much as want to be about child's progress	Not applicable (ref)						
	Strongly agree	-0.222	0.119	0.061	0.801	0.635	1.010
	Tend to agree	0.177	0.143	0.217	1.193	0.902	1.579
	Neither agree nor disagree, no opinion or don't know	0.339	0.285	0.233	1.404	0.803	2.454
	Tend to or strongly disagree	-0.053	0.207	0.798	0.949	0.633	1.422
People willing to help neighbours in local area	Strongly agree (ref)						
	Tend to agree	-0.293	0.061	0.000	0.746	0.662	0.842
	Neither agree nor disagree/Don't know/No Opinion	-0.314	0.092	0.001	0.730	0.610	0.874
	Tend to disagree	-0.444	0.128	0.001	0.641	0.499	0.824
	Strongly disagree	-0.002	0.172	0.990	0.998	0.713	1.397
Overall satisfaction with way Welsh Government is doing its job	Very low (ref)						
	Low/Medium	0.045	0.074	0.542	1.046	0.905	1.208
	High	0.376	0.142	0.008	1.457	1.104	1.922
	Don't know	0.133	0.130	0.305	1.142	0.886	1.473
Safety travelling by public transport after dark	Very safe (ref)						
	Fairly safe	-0.481	0.075	0.000	0.618	0.534	0.715
	Fairly unsafe	-0.507	0.092	0.000	0.602	0.503	0.721
	Very unsafe	-0.240	0.124	0.052	0.786	0.617	1.002
	Don't know	-0.388	0.094	0.000	0.679	0.564	0.816
Overall satisfaction about the state of the transport system in Wales	Very low (ref)						
	Low	-0.289	0.136	0.034	0.749	0.573	0.978
	Medium	-0.119	0.135	0.379	0.888	0.682	1.157
	High	0.556	0.218	0.011	1.743	1.137	2.672

Table G.3 Multiple binary logistic regression: High happiness

						95% Conf interval OR	
		Coeff.	Std. Err.	P>t	Odds Ratio	Low	High
	Don't know	-0.519	0.251	0.039	0.595	0.364	0.973
	Not asked	-0.126	0.112	0.261	0.882	0.708	1.098
Constant		1.294	0.242	0.000	3.648	2.269	5.864

Unweighted base: 10,651

Note: Shaded rows denote factors significantly related to high levels of happiness.

Appendix H: Anxiety yesterday regression results

Table H.1 Proportion of the population with high, medium, and low levels of anxiety yesterday, by a range of factors.

Factors included in regressions		Anxiety yesterday			Factor prevalence Column %
		Very high or high 4-10	Medium 2-3	Low 0-1 Row %	
Total		33	20	46	100
Age	16-24	30	22	48	15
	25-34	35	18	46	15
	35-44	37	21	43	15
	45-54	36	20	43	17
	55-64	36	21	43	15
	65-74	29	18	52	13
	75+	28	21	51	11
Gender	Male	31	22	47	49
	Female	36	19	45	51
Ethnicity	White	33	20	46	96
	Non-White	34	21	45	4
Welsh language	Can't speak Welsh or never speaks Welsh	34	21	45	79
	Can only speak a little or just a few words	34	18	48	7
	Can speak a fair amount, or is fluent but speaks Welsh less often than daily	27	23	50	5
	Fluent and speak daily	28	16	55	8
Highest educational qualification	NQF levels 4-8	33	22	45	29
	NQF level 3	32	22	46	16
	NQF level 2	33	19	48	22
	Below NQF level 2	34	19	47	9
	No qualification	35	19	46	19
	Don't know/refused	34	17	50	5
Discrimination in the last year	Not selected	33	20	47	99
	Age	66	14	21	1
General health	Very good	26	20	54	32
	Good	32	20	48	38
	Fair	39	21	39	22
	Bad or Very bad	53	19	28	8
Want more info on performance of local health services	Strongly agree	41	17	42	19
	Tend to agree	34	21	45	38
	Neither agree nor disagree/Don't know/No opinion	34	22	43	18
	Tend to or strongly disagree	25	20	55	24
WIMD - health score	20% Most Deprived	37	19	44	19
	20-40% Most Deprived	35	17	48	20
	40-60% Most Deprived	31	21	49	21
	20-40% Least Deprived	32	22	46	20
	20% Least Deprived	32	23	45	20
Economic activity	Employed	33	20	47	47

Table H.1 Proportion of the population with high, medium, and low levels of anxiety yesterday, by a range of factors.

Factors included in regressions		Anxiety yesterday			Factor prevalence Column %
		Very high or high 4-10	Medium 2-3	Low 0-1	
status	Self-employed or other paid work	36	21	43	7
	Looking for work (<1yr)	41	20	38	2
	Looking for work (1+yr/DK)	44	14	41	3
	Student, training scheme or unpaid work	25	27	47	5
	Inactive	33	20	47	36
Social class (NS-SEC)	Managerial and professional occupations	32	21	46	28
	Intermediate occupations	34	21	45	12
	Routine and manual occupations	34	19	47	49
	Never worked and long-term unemployed	34	22	43	10
	Not classified	28	19	52	1
Ability to keep up with bills and credit commitments at present	Keeping up with all without any difficulties	30	19	51	47
	Keeping up with all but it is a struggle from time to time	32	22	46	33
	Keeping up with all but it is a constant struggle	42	24	35	12
	Falling behind with some	52	16	32	3
	Having real financial problems and have fallen behind with many	62	21	17	1
	Have no bills	34	17	49	3
	Don't know/ refused	36	17	47	1
Marital status	Single	33	20	46	22
	Cohabiting	33	21	46	12
	Married/ in civil partnership	33	20	47	51
	Divorced/Separated	40	19	42	8
	Widowed/ surviving partner	32	20	48	7
Household type	Single person	35	19	46	14
	Couple without children	31	21	48	31
	Couple with children<16	34	20	46	21
	Couple with adult children	34	20	46	12
	Single parent household	40	19	41	4
	Respondent living with parents	33	18	49	12
	Other household	30	27	43	5
Housing Tenure	Owner-occupied	32	20	48	70
	Social housing	40	19	41	15
	Private Rented	34	21	45	15
Satisfaction with the wellbeing of own child(ren)	Very low	41	21	38	6
	Low	49	22	29	5
	Medium	39	26	35	19
	High	29	17	54	47
	Not asked	31	22	47	22
Live within a ten-minute walk of natural green or space	Yes	33	20	46	98
	No	41	13	45	2

Table H.1 Proportion of the population with high, medium, and low levels of anxiety yesterday, by a range of factors.

Factors included in regressions		Anxiety yesterday			Factor prevalence Column %
		Very high or high 4-10	Medium 2-3	Low 0-1	
				Row %	
Safety walking in local area after dark	Very safe	27	19	54	35
	Fairly safe	34	22	44	44
	Fairly unsafe	42	20	38	14
	Very unsafe	46	18	37	5
	Don't know	29	14	57	1
Local area is free from graffiti and vandalism	Strongly agree	31	19	50	31
	Tend to agree	32	22	46	44
	Neither agree nor disagree	38	20	42	9
	Tend to disagree	40	18	42	12
	Strongly disagree	34	22	44	4
Local authority provides high quality services	Strongly agree	28	17	55	11
	Tend to agree	30	22	47	45
	Neither agree nor disagree	37	19	44	20
	Don't know/No opinion	37	16	47	1
	Tend to disagree	37	20	43	15
	Strongly disagree	41	17	42	8
Local authority is good at letting local people know how well it is performing	Strongly agree	30	18	52	9
	Tend to agree	31	21	48	32
	Neither agree nor disagree	36	23	41	22
	Don't know/No opinion	32	18	50	2
	Tend to disagree	33	20	47	24
	Strongly disagree	37	16	47	12
Safety traveling by public transport after dark	Very safe	22	17	60	20
	Fairly safe	34	22	44	46
	Fairly unsafe	41	22	37	16
	Very unsafe	45	19	36	7
	Don't know	30	18	52	11
WIMD - community safety score	20% Most Deprived	36	21	43	19
	20-40% Most Deprived	36	18	46	19
	40-60% Most Deprived	34	19	46	21
	20-40% Least Deprived	31	22	47	20
	20% Least Deprived	30	21	49	20
Unweighted bases		4,772	2,909	6,793	14,474
Weighted bases		823,648	501,997	1,146,863	2,472,509

Table H.2 Multiple binary logistic regression: High anxiety

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Age	16-24 (ref)						
	25-34	0.584	0.186	0.002	1.793	1.245	2.583
	35-44	0.546	0.192	0.004	1.726	1.185	2.515
	45-54	0.501	0.196	0.011	1.650	1.124	2.421
	55-64	0.390	0.205	0.057	1.477	0.989	2.207
	65-74	0.316	0.220	0.151	1.371	0.891	2.110
	75+	0.068	0.237	0.774	1.070	0.673	1.702
Gender	Male (ref)						
	Female	0.274	0.073	0.000	1.316	1.141	1.517
Ethnicity	White (ref)						
	Non-White	-0.081	0.228	0.724	0.922	0.590	1.443
Welsh language	Can't speak Welsh or never speaks Welsh (ref)						
	Can only speak a little or just a few words	0.190	0.128	0.138	1.209	0.940	1.555
	Can speak a fair amount, or is fluent but speaks Welsh less often than daily	-0.298	0.139	0.032	0.742	0.566	0.974
	Fluent and speak daily	0.119	0.117	0.312	1.126	0.895	1.417
Highest educational qualification	NQF levels 4-8 (ref)						
	NQF level 3	0.029	0.115	0.802	1.029	0.821	1.290
	NQF level 2	0.106	0.103	0.306	1.112	0.908	1.362
	Below NQF level 2	0.111	0.130	0.392	1.117	0.867	1.441
	No qualification	0.175	0.116	0.131	1.191	0.949	1.496
	Don't know/refused	0.380	0.164	0.020	1.462	1.061	2.015
Discrimination in last year	Not selected (ref)						
	Age	0.984	0.367	0.007	2.675	1.303	5.492
General health	Very good (ref)						
	Good	0.225	0.085	0.008	1.253	1.060	1.480
	Fair	0.326	0.097	0.001	1.386	1.145	1.677
	Bad or Very bad	0.708	0.130	0.000	2.030	1.575	2.618
Want more info on performance of local health services	Strongly agree (ref)						
	Tend to agree	-0.381	0.089	0.000	0.683	0.574	0.813
	Neither agree nor disagree/Don't know/No opinion	-0.384	0.107	0.000	0.681	0.552	0.840
	Tend to or strongly disagree	-0.562	0.101	0.000	0.570	0.467	0.695
Economic activity status	Employed (ref)						
	Self-employed or other paid work	0.160	0.139	0.252	1.173	0.893	1.542
	Looking for work (<1yr)	0.114	0.279	0.683	1.120	0.649	1.934
	Looking for work (1+yr/DK)	0.402	0.230	0.080	1.495	0.953	2.347
	Student, training scheme or unpaid work	-0.496	0.222	0.026	0.609	0.394	0.941
	Inactive	-0.056	0.098	0.565	0.945	0.781	1.145
Social class (NS-SEC)	Managerial and professional occupations (ref)						
	Intermediate occupations	-0.042	0.115	0.718	0.959	0.765	1.202
	Routine and manual occupations	0.040	0.090	0.655	1.041	0.873	1.242

Table H.2 Multiple binary logistic regression: High anxiety

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
	Never worked and long-term unemployed	0.149	0.145	0.306	1.160	0.873	1.543
	Not classified	-0.099	0.387	0.798	0.906	0.424	1.934
Ability to keep up with bills and credit commitments at present	Keeping up with all without any difficulties (ref)						
	Keeping up with all but it is a struggle from time to time	-0.184	0.077	0.017	0.832	0.716	0.967
	Keeping up with all but it is a constant struggle	-0.087	0.109	0.425	0.917	0.741	1.134
	Falling behind with some	0.438	0.202	0.030	1.550	1.044	2.302
	Having real financial problems and have fallen behind with many	0.220	0.300	0.464	1.246	0.692	2.245
	Have no bills	0.155	0.287	0.590	1.167	0.665	2.051
	Don't know/ refused	0.069	0.335	0.836	1.072	0.556	2.068
Marital status	Single	-0.195	0.219	0.372	0.822	0.535	1.263
	Cohabiting	-0.050	0.117	0.670	0.951	0.756	1.197
	Married/ in civil partnership (ref)						
	Divorced/Separated	-0.095	0.207	0.648	0.910	0.606	1.365
	Widowed/ surviving partner	-0.234	0.216	0.277	0.791	0.519	1.207
Household type	Single person	0.220	0.189	0.244	1.246	0.861	1.805
	Couple without children	-0.037	0.125	0.769	0.964	0.754	1.232
	Couple with children<16	-0.001	0.143	0.992	0.999	0.755	1.321
	Couple with adult children (ref)						
	Single parent household	0.110	0.230	0.633	1.116	0.711	1.753
	Respondent living with parents	0.738	0.264	0.005	2.091	1.247	3.506
	Other household	0.026	0.237	0.913	1.026	0.645	1.632
Housing Tenure	Owner-occupied (ref)						
	Social housing	0.020	0.102	0.846	1.020	0.835	1.246
	Private Rented	0.158	0.107	0.139	1.172	0.950	1.445
Lives within a ten-minute walk of a natural green space	Yes (ref)						
	No	0.473	0.222	0.034	1.604	1.038	2.481
Safety walking in local area after dark	Very safe (ref)						
	Fairly safe	0.044	0.078	0.575	1.044	0.897	1.216
	Fairly unsafe	0.209	0.111	0.060	1.232	0.991	1.532
	Very unsafe	0.351	0.167	0.036	1.420	1.024	1.970
	Don't know	0.499	0.278	0.073	1.648	0.955	2.844
Local area is free from graffiti and vandalism	Strongly agree (ref)						
	Tend to agree	-0.174	0.079	0.027	0.840	0.719	0.981
	Neither agree nor disagree	-0.022	0.126	0.864	0.979	0.764	1.253
	Tend to disagree	0.067	0.120	0.576	1.069	0.846	1.351
	Strongly disagree	-0.434	0.213	0.042	0.648	0.427	0.984
Local authority provides high quality services	Strongly agree (ref)						
	Tend to agree	-0.220	0.115	0.055	0.802	0.641	1.004
	Neither agree nor disagree	0.079	0.128	0.539	1.082	0.842	1.390
	Don't know/No opinion	0.373	0.384	0.331	1.453	0.685	3.082
	Tend to disagree	-0.022	0.135	0.873	0.979	0.751	1.275
	Strongly disagree	0.105	0.154	0.496	1.111	0.821	1.504
WIMD - community	20% Most Deprived	-0.005	0.115	0.962	0.995	0.794	1.246

Table H.2 Multiple binary logistic regression: High anxiety

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
safety score	20-40% Most Deprived	0.242	0.111	0.030	1.274	1.024	1.585
	40-60% Most Deprived	0.143	0.102	0.159	1.154	0.945	1.409
	20-40% Least Deprived	-0.039	0.101	0.696	0.961	0.789	1.171
	20% Least Deprived (ref)						
Constant		-0.009	0.275	0.973	0.991	0.578	1.699

Unweighted base: 7,599

Note: Shaded rows denote factors significantly related to high levels of anxiety

Table H.3 Multiple binary logistic regression: Low anxiety

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Age	16-24 (ref)						
	25-34	0.241	0.175	0.169	1.273	0.903	1.795
	35-44	0.055	0.181	0.761	1.056	0.741	1.505
	45-54	0.144	0.185	0.435	1.155	0.804	1.659
	55-64	0.153	0.197	0.439	1.165	0.792	1.714
	65-74	0.414	0.211	0.049	1.512	1.001	2.285
	75+	0.205	0.224	0.360	1.227	0.792	1.902
Gender	Male (ref)						
	Female	0.206	0.069	0.003	1.229	1.074	1.407
Ethnicity	White (ref)						
	Non-White	0.133	0.255	0.603	1.142	0.693	1.882
Welsh language	Can't speak Welsh or never speaks Welsh (ref)						
	Can only speak a little or just a few words	0.277	0.120	0.021	1.319	1.042	1.670
	Can speak a fair amount, or is fluent but speaks Welsh less often than daily	0.009	0.137	0.945	1.009	0.772	1.319
	Fluent and speak daily	0.349	0.105	0.001	1.418	1.153	1.743
Highest educational qualification	NQF levels 4-8 (ref)						
	NQF level 3	0.112	0.112	0.320	1.118	0.897	1.394
	NQF level 2	0.260	0.097	0.007	1.297	1.072	1.568
	Below NQF level 2	0.273	0.123	0.027	1.314	1.032	1.673
	No qualification	0.207	0.108	0.055	1.230	0.996	1.520
	Don't know/refused	0.408	0.156	0.009	1.503	1.107	2.042
General health	Very good (ref)						
	Good	-0.054	0.080	0.500	0.947	0.809	1.109
	Fair	-0.306	0.090	0.001	0.737	0.617	0.879
	Bad or Very bad	-0.484	0.131	0.000	0.616	0.476	0.797
Want more info on performance of local health services	Strongly agree						
	Tend to agree	-0.128	0.088	0.145	0.880	0.741	1.045
	Neither agree nor disagree/Don't know/No opinion	-0.180	0.104	0.083	0.835	0.681	1.024
	Tend to or strongly disagree	0.077	0.097	0.430	1.080	0.892	1.306
WIMD - health score	20% Most Deprived	0.245	0.109	0.025	1.278	1.032	1.584
	20-40% Most Deprived	0.353	0.102	0.001	1.423	1.166	1.737
	40-60% Most Deprived	0.144	0.096	0.133	1.155	0.957	1.394
	20-40% Least Deprived	0.032	0.096	0.741	1.032	0.856	1.245
	20% Least Deprived (ref)						
Economic activity status	Employed (ref)						
	Self-employed or other paid work	-0.115	0.134	0.392	0.891	0.685	1.160
	Looking for work (<1yr)	-0.162	0.306	0.597	0.851	0.467	1.551
	Looking for work (1+yr/DK)	0.238	0.210	0.258	1.269	0.840	1.917
	Student, training scheme or unpaid work	-0.072	0.229	0.753	0.930	0.594	1.458
	Inactive	0.026	0.093	0.780	1.026	0.856	1.231
Social class (NS-SEC)	Managerial and professional occupations (ref)						

Table H.3 Multiple binary logistic regression: Low anxiety

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
	Intermediate occupations	-0.137	0.107	0.202	0.872	0.707	1.076
	Routine and manual occupations	0.026	0.084	0.758	1.026	0.870	1.210
	Never worked and long-term unemployed	-0.177	0.146	0.226	0.838	0.629	1.116
	Not classified	0.105	0.370	0.776	1.111	0.538	2.295
Ability to keep up with bills and credit commitments at present	Keeping up with all without any difficulties (ref)						
	Keeping up with all but it is a struggle from time to time	-0.309	0.073	0.000	0.734	0.636	0.847
	Keeping up with all but it is a constant struggle	-0.629	0.112	0.000	0.533	0.428	0.664
	Falling behind with some	-0.407	0.231	0.077	0.665	0.423	1.046
	Having real financial problems and have fallen behind with many	-1.256	0.351	0.000	0.285	0.143	0.566
	Have no bills	-0.060	0.313	0.847	0.942	0.510	1.740
	Don't know/ refused	0.028	0.312	0.929	1.028	0.558	1.894
Marital status	Single	0.087	0.213	0.683	1.091	0.719	1.656
	Cohabiting	0.014	0.114	0.904	1.014	0.811	1.268
	Married/ in civil partnership (ref)						
	Divorced/Separated	0.045	0.204	0.826	1.046	0.701	1.560
	Widowed/ surviving partner	-0.175	0.194	0.366	0.839	0.574	1.227
Household type	Single person	0.070	0.179	0.694	1.073	0.756	1.522
	Couple without children	-0.035	0.121	0.771	0.965	0.761	1.224
	Couple with children<16	-0.002	0.134	0.986	0.998	0.767	1.298
	Couple with adult children (ref)						
	Single parent household	-0.094	0.229	0.682	0.910	0.581	1.426
	Respondent living with parents	0.393	0.255	0.123	1.482	0.899	2.442
	Other household	-0.304	0.228	0.183	0.738	0.472	1.154
HousingTenure	Owner-occupied (ref)						
	Social housing	-0.119	0.105	0.256	0.888	0.723	1.090
	Private Rented	0.073	0.108	0.503	1.075	0.869	1.330
Satisfaction with the wellbeing of own child(ren)	Very low	-0.615	0.157	0.000	0.540	0.397	0.736
	Low	-0.802	0.130	0.000	0.448	0.347	0.579
	Medium	-0.723	0.077	0.000	0.485	0.418	0.564
	High (ref)						
	Not asked	-0.442	0.107	0.000	0.642	0.520	0.793
Local authority provides high quality services	Strongly agree (ref)						
	Tend to agree	-0.314	0.110	0.004	0.730	0.589	0.906
	Neither agree nor disagree	-0.115	0.126	0.361	0.892	0.697	1.140
	Don't know/No opinion	-0.264	0.387	0.495	0.768	0.359	1.640
	Tend to disagree	-0.251	0.129	0.052	0.778	0.604	1.002
	Strongly disagree	-0.280	0.156	0.073	0.756	0.557	1.027
Local authority is good at letting local people know how well it is performing	Strongly agree (ref)						
	Tend to agree	-0.082	0.122	0.501	0.921	0.726	1.169
	Neither agree nor disagree	-0.203	0.137	0.138	0.817	0.625	1.067
	Don't know/No opinion	0.082	0.296	0.782	1.085	0.608	1.937
	Tend to disagree	0.009	0.131	0.942	1.010	0.781	1.305
	Strongly disagree	0.226	0.150	0.132	1.253	0.934	1.681

Table H.3 Multiple binary logistic regression: Low anxiety

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Safety traveling by public transport after dark	Very safe (ref)						
	Fairly safe	-0.497	0.091	0.000	0.608	0.509	0.727
	Fairly unsafe	-0.655	0.109	0.000	0.520	0.419	0.644
	Very unsafe	-0.597	0.161	0.000	0.550	0.401	0.755
	Don't know	-0.217	0.115	0.059	0.805	0.642	1.009
Constant		1.538	0.276	0.000	4.656	2.713	7.992

Unweighted base: 9,602

Note: Shaded rows denote factors significantly related to low levels of anxiety

Appendix I: Health service experience as a predictor of wellbeing

Life satisfaction

Table I.1 Proportion of the population with high, medium, and low levels of life satisfaction, by GP Health service experience factors.

Factors included in regressions GP Users		Life satisfaction			Factor prevalence Column %
		Very low or low 0-4	Medium 5-8	High 9-10 Row %	
Total		20	47	34	100
Ease of getting a GP appointment at a convenient time	Not applicable	21	42	36	10
	Very easy	16	46	38	34
	Fairly easy	20	50	30	26
	Fairly or very difficult	23	47	30	30
GP knew all the relevant information about resp at start of the appt	Strongly agree	19	46	36	59
	Tend to agree	18	48	34	25
	Neither /Don't know/Can't remember	24	52	25	6
	Tend to or strongly disagree	26	48	27	10
GP treated resp with dignity and respect	Strongly agree	19	48	34	77
	Tend to agree	21	43	36	20
	Neither /Don't know/Can't remember	24	53	23	2
	Tend to or strongly disagree	36	44	19	2
Overall satisfaction with care received from GP	Very satisfied	16	46	38	68
	Fairly satisfied	25	49	25	23
	Neither /Don't know/Can't remember	31	45	24	4
	Fairly or very dissatisfied	28	47	24	5
Unweighted bases (GP service users)		2,501	5,333	3,678	11,512
Weighted bases (GP service users)		374,284	899,710	645,361	1,919,355

Base: All adults who have visited the GP in the past 12 months for their own health.

Note: Shaded cells denote factors significantly related to life satisfaction in the relevant regression model below.

Table I.2 Multiple binary logistic regression: Low life satisfaction - GP Health service experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting a GP appointment at a convenient time	Not applicable	0.327	0.134	0.015	1.387	1.066	1.806
	Very easy (ref)						
	Fairly easy	0.121	0.092	0.189	1.129	0.942	1.353
	Fairly or very difficult	0.213	0.091	0.019	1.237	1.035	1.479
Overall satisfaction with care received from GP	Very satisfied (ref)						
	Fairly satisfied	0.308	0.082	0.000	1.361	1.160	1.597
	Neither /Don't know/Can't remember	0.447	0.168	0.008	1.564	1.125	2.174
	Fairly or very dissatisfied	0.324	0.163	0.047	1.382	1.005	1.902
Constant		-2.826	0.276	0.000	0.059	0.034	0.102

Unweighted base: Adults who have visited the GP in the past 12 months for their own health (7,742).

Note: Shaded rows denote factors significantly related to low life satisfaction when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.3 Multiple binary logistic regression: High life satisfaction - GP Health service experience factors (while controlling for socio-demographic and health factors)

Experience factors (while controlling for socio-demographic and health factors)						95% Conf interval OR	
		Coeff.	Std. Err.	P>t	Odds Ratio	Low	High
GP knew all the relevant information about resp at start of the appt	Strongly agree (ref)						
	Tend to agree	-0.205	0.084	0.014	0.815	0.692	0.960
	Neither /Don't know/Can't remember	-0.462	0.165	0.005	0.630	0.456	0.871
	Tend to or strongly disagree	-0.297	0.128	0.021	0.743	0.578	0.956
GP treated resp with dignity and respect	Strongly agree (ref)						
	Tend to agree	0.569	0.094	0.000	1.766	1.468	2.124
	Neither /Don't know/Can't remember	0.031	0.268	0.909	1.031	0.610	1.744
	Tend to or strongly disagree	-0.003	0.295	0.991	0.997	0.560	1.776
Overall satisfaction with care received from GP	Very satisfied (ref)						
	Fairly satisfied	-0.425	0.087	0.000	0.654	0.552	0.775
	Neither /Don't know/Can't remember	-0.262	0.198	0.186	0.769	0.522	1.134
	Fairly or very dissatisfied	-0.287	0.187	0.126	0.751	0.520	1.083
Constant		0.187	0.225	0.406	1.205	0.776	1.873

Unweighted base: Adults who have visited the GP in the past 12 months for their own health (8,934).

Note: Shaded rows denote factors significantly related to high life satisfaction when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.4 Proportion of the population with high, medium, and low levels of life satisfaction, by NHS Hospital experience factors.

Factors included in regressions		Life satisfaction			Factor prevalence Column %
		Very low or low 0-4	Medium 5-8	High 9-10 Row %	
Hospital users					
Total		21	46	33	100
Ease of getting to and from the hospital	Very easy	16	45	38	52
	Fairly easy	25	49	27	32
	Fairly or very difficult	31	44	24	16
Health professional knew all the relevant information about respondent at start of the appt	Strongly agree	18	47	35	58
	Tend to agree	22	46	32	25
	Neither /Don't know/Can't remember	31	44	26	6
	Tend to or strongly disagree	31	43	26	10
Hospital treated respondent with dignity and respect	Strongly agree	20	48	32	77
	Tend to agree	26	40	34	19
	Neither /Don't know/Can't remember	36	45	19	2
	Tend to or strongly disagree	30	41	28	2
Overall satisfaction with care received from Hospital	Very satisfied	18	45	36	70
	Fairly satisfied	28	50	23	20
	Neither /Don't know/Can't remember	33	40	27	4
	Fairly or very dissatisfied	31	45	23	6
Unweighted bases (Hospital service users)		1,485	2,930	2,027	6,442
Weighted bases (Hospital service users)		222,880	479,086	337,906	1,039,873

Base: All adults who have attended an NHS Hospital appointment in the past 12 months.

Note: Shaded cells denote factors significantly related to life satisfaction in the relevant regression model below.

Table I.5 Multiple binary logistic regression: Low life satisfaction – NHS Hospital experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting to and from the hospital	Very easy (ref)						
	Fairly easy	0.169	0.105	0.109	1.184	0.963	1.455
	Fairly or very difficult	0.304	0.121	0.012	1.356	1.069	1.720
Health professional knew all the relevant information about respondent at start of the appt	Strongly agree (ref)						
	Tend to agree	0.257	0.110	0.019	1.294	1.043	1.605
	Neither agree nor disagree/Don't know/Can't remember	0.688	0.178	0.000	1.990	1.403	2.822
	Tend to or strongly disagree	0.669	0.154	0.000	1.953	1.445	2.639
Constant		-2.489	0.370	0.000	0.083	0.040	0.171

Unweighted base: Adults who had an NHS Hospital appointment in the past 12 months (4,360).

Note: Shaded rows denote factors significantly related to low life satisfaction when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.6 Multiple binary logistic regression: High life satisfaction – NHS Hospital experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting to and from the hospital	Very easy (ref)						
	Fairly easy	-0.382	0.092	0.000	0.683	0.571	0.817
	Fairly or very difficult	-0.327	0.117	0.005	0.721	0.573	0.908
Hospital treated resp with dignity and respect	Strongly agree (ref)						
	Tend to agree	0.555	0.107	0.000	1.741	1.412	2.147
	Neither agree nor disagree/Don't know/Can't remember	0.041	0.423	0.922	1.042	0.455	2.388
	Tend to or strongly disagree	0.737	0.335	0.028	2.089	1.083	4.030
Overall satisfaction with care received from Hospital	Very satisfied (ref)						
	Fairly satisfied	-0.629	0.113	0.000	0.533	0.427	0.666
	Neither satisfied nor dissatisfied/Don't know/Can't remember	-0.249	0.269	0.354	0.779	0.460	1.320
	Fairly or very dissatisfied	-0.683	0.240	0.005	0.505	0.315	0.809
Constant		0.132	0.306	0.666	1.141	0.627	2.077

Unweighted base: Adults who had an NHS Hospital appointment in the past 12 months (4,914).

Note: Shaded rows denote factors significantly related to high life satisfaction when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Things done in life are worthwhile

Table I.7 Proportion of the population with high, medium, and low levels of things done being worthwhile, by GP Health service experience factors.

Factors included in regressions GP Users		Things done in life are worthwhile			Factor prevalence Column %
		Very low or low 0-4	Medium 5-8	High 9-10 Row %	
Total		16	48	36	100
Ease of getting a GP appointment at a convenient time	Not applicable	21	45	34	10
	Very easy	13	46	41	34
	Fairly easy	16	51	32	26
	Fairly or very difficult	18	48	35	30
Ease of getting to and from the GP surgery	Very easy	13	47	40	68
	Fairly easy	22	50	29	26
	Fairly or very difficult	30	42	28	6
Overall satisfaction with care received from GP	Very satisfied	14	46	40	68
	Fairly satisfied	20	53	27	23
	Neither/Don't know/Can't remember	21	47	32	4
	Fairly or very dissatisfied	25	45	30	5
Unweighted bases (GP service users)		2,033	5,276	4,157	11,466
Weighted bases (GP service users)		306,037	913,066	694,473	1,913,577

Base: All adults who have visited the GP in the past 12 months for their own health.

Note: Shaded cells denote factors significantly related to things being worthwhile in the relevant regression model below.

Table I.8 Multiple binary logistic regression: Low level of things done being worthwhile - GP Health service experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting a GP appointment at a convenient time	Not applicable	0.415	0.141	0.003	1.515	1.148	1.999
	Very easy (ref)						
	Fairly easy	0.140	0.103	0.175	1.150	0.940	1.408
	Fairly or very difficult	0.242	0.099	0.015	1.274	1.049	1.547
Ease of getting to and from the GP surgery	Very easy (ref)						
	Fairly easy	0.262	0.092	0.004	1.300	1.086	1.556
	Fairly or very difficult	0.372	0.132	0.005	1.451	1.120	1.880
Constant		-2.563	0.307	0.000	0.077	0.042	0.141

Unweighted base: Adults who have visited the GP in the past 12 months for their own health (7,226).

Note: Shaded rows denote factors significantly related to low level of things done being worthwhile when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.9 Multiple binary logistic regression: High level of things done being worthwhile - GP Health service experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting a GP appointment at a convenient time	Not applicable	-0.002	0.118	0.985	0.998	0.791	1.259
	Very easy (ref)						
	Fairly easy	-0.238	0.076	0.002	0.788	0.680	0.914
	Fairly or very difficult	-0.061	0.074	0.408	0.941	0.814	1.087
Ease of getting to and from the GP surgery	Very easy (ref)						
	Fairly easy	-0.304	0.074	0.000	0.738	0.638	0.853
	Fairly or very difficult	-0.249	0.125	0.047	0.780	0.610	0.997
Overall satisfaction with care received from GP	Very satisfied (ref)						
	Fairly satisfied	-0.423	0.074	0.000	0.655	0.566	0.757
	Neither satisfied nor dissatisfied/Don't know/Can't remember	-0.032	0.163	0.846	0.969	0.704	1.334
	Fairly or very dissatisfied	-0.118	0.146	0.418	0.889	0.668	1.183
Constant		-0.173	0.214	0.420	0.842	0.553	1.281

Unweighted base: Adults who have visited the GP in the past 12 months for their own health (9,355).

Note: Shaded rows denote factors significantly related to high level of things done being worthwhile when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.10 Proportion of the population with high, medium, and low levels of level of things done being worthwhile, by NHS Hospital experience factors.

Factors included in regressions		Things done in life are worthwhile			Factor prevalence
		Very low or low 0-4	Medium 5-8	High 9-10 Row %	
Hospital users					Column %
Total		17	47	36	100
Ease of getting to and from the hospital	Very easy	13	46	41	53
	Fairly easy	20	48	33	32
	Fairly or very difficult	25	46	29	16
Health professional knew all the relevant information about respondent at start of the appt	Strongly agree	15	46	39	58
	Tend to agree	18	46	35	25
	Neither/Don't know/Can't remember	21	44	35	6
	Tend to or strongly disagree	21	52	27	10
Hospital treated respondent with dignity and respect	Strongly agree	16	48	37	77
	Tend to agree	22	43	35	19
	Neither/Don't know/Can't remember	19	50	31	2
	Tend to or strongly disagree	27	39	34	2
Overall satisfaction with care received from Hospital	Very satisfied	14	46	40	70
	Fairly satisfied	24	50	26	20
	Neither/Don't know/Can't remember	20	47	33	4
	Fairly or very dissatisfied	25	46	29	6
<i>Unweighted bases (Hospital service users)</i>		1,228	2,852	2,339	6,419
<i>Weighted bases (Hospital service users)</i>		177,261	482,614	376,498	1,036,373

Base: All adults who have attended an NHS Hospital appointment in the past 12 months.

Note: Shaded cells denote factors significantly related to things being worthwhile in the relevant regression model below.

Table I.11 Multiple binary logistic regression: Low level of things done being worthwhile – NHS Hospital experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Hospital treated resp with dignity and respect	Strongly agree (ref)						
	Tend to agree	0.396	0.142	0.005	1.486	1.124	1.963
	Neither/Don't know/Can't remember	-0.237	0.448	0.596	0.789	0.328	1.898
	Tend to or strongly disagree	0.575	0.352	0.102	1.778	0.892	3.542
Overall satisfaction with care received from Hospital	Very satisfied (ref)						
	Fairly satisfied	0.376	0.128	0.003	1.456	1.132	1.872
	Neither/Don't know/Can't remember	0.434	0.299	0.146	1.544	0.860	2.774
	Fairly or very dissatisfied	0.220	0.288	0.445	1.246	0.708	2.191
Constant		-2.346	0.403	0.000	0.096	0.043	0.211

Unweighted base: Adults who had an NHS Hospital appointment in the past 12 months (4,035).

Note: Shaded rows denote factors significantly related to low level of things done being worthwhile when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.12 Multiple binary logistic regression: High level of things done being worthwhile – NHS Hospital experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting to and from the hospital	Very easy (ref)						
	Fairly easy	-0.217	0.087	0.013	0.805	0.678	0.955
	Fairly or very difficult	-0.234	0.111	0.035	0.791	0.637	0.983
Health professional knew all the relevant information about respondent at start of the appointment	Strongly agree (ref)						
	Tend to agree	-0.133	0.101	0.187	0.875	0.718	1.067
	Neither/Don't know/Can't remember	0.012	0.164	0.943	1.012	0.734	1.395
	Tend to or strongly disagree	-0.451	0.162	0.006	0.637	0.463	0.876
Hospital treated respondent with dignity and respect	Strongly agree (ref)						
	Tend to agree	0.400	0.115	0.000	1.492	1.192	1.868
	Neither/Don't know/Can't remember	0.253	0.337	0.454	1.287	0.665	2.493
	Tend to or strongly disagree	0.688	0.334	0.039	1.989	1.034	3.826
Overall satisfaction with care received from Hospital	Very satisfied (ref)						
	Fairly satisfied	-0.492	0.108	0.000	0.612	0.495	0.756
	Neither/Don't know/Can't remember	-0.161	0.238	0.499	0.851	0.534	1.357
	Fairly or very dissatisfied	-0.366	0.229	0.109	0.693	0.443	1.086
Constant		-0.077	0.297	0.794	0.926	0.518	1.655

Unweighted base: Adults who had an NHS Hospital appointment in the past 12 months (5,151).

Note: Shaded rows denote factors significantly related to high level of things done being worthwhile when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Happiness yesterday

Table I.13 Proportion of the population with high, medium, and low levels of happiness yesterday, by GP Health service experience factors.

Factors included in regressions GP Users		Happy yesterday			Factor prevalence Column %
		Very low or low 0-4	Medium 5-8	High 9-10 Row %	
Total		26	38	36	100
Ease of getting a GP appointment at a convenient time	Not applicable	27	37	36	10
	Very easy	22	37	41	34
	Fairly easy	28	40	32	26
	Fairly or very difficult	28	39	33	30
Ease of getting to and from the GP surgery	Very easy	23	38	39	68
	Fairly easy	32	40	28	26
	Fairly or very difficult	38	34	28	6
GP - Respondent or carer was given all the information needed	Strongly agree	25	38	37	61
	Tend to agree	26	39	35	28
	Neither/Don't know/Can't remember	26	44	30	5
	Tend to or strongly disagree	40	32	28	6
Overall satisfaction with care received from GP	Very satisfied	23	38	39	68
	Fairly satisfied	31	41	28	23
	Neither/Don't know/Can't remember	37	36	27	4
	Fairly or very dissatisfied	35	37	28	5
Unweighted bases (GP service users)		3,084	4,388	4,042	11,514
Weighted bases (GP service users)		499,520	736,548	685,747	1,921,815

Base: All adults who have visited the GP in the past 12 months for their own health.

Note: Shaded cells denote factors significantly related to happiness yesterday in the relevant regression model below.

Table I.14 Multiple binary logistic regression: Low levels of happiness yesterday - GP Health service experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting to and from the GP surgery	Very easy (ref)						
	Fairly easy	0.185	0.079	0.020	1.203	1.030	1.406
	Fairly or very difficult	0.254	0.125	0.042	1.289	1.009	1.648
	Strongly agree	-0.006	0.077	0.943	0.994	0.855	1.156
GP - Respondent or carer was given all the information needed	Tend to agree (ref)						
	Neither agree nor disagree/Don't know/Can't remember	-0.176	0.141	0.214	0.839	0.636	1.107
	Tend to or strongly disagree	0.446	0.133	0.001	1.562	1.204	2.026
Constant		-1.066	0.248	0.000	0.344	0.212	0.560

Unweighted base: Adults who have visited the GP in the past 12 months for their own health (7,392).

Note: Shaded rows denote factors significantly related to low levels of happiness yesterday when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.14 Multiple binary logistic regression: High levels of happiness yesterday - GP Health service experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting a GP appointment at a convenient time	Not applicable	-0.092	0.119	0.439	0.912	0.723	1.151
	Very easy (ref)						
	Fairly easy	-0.213	0.079	0.007	0.808	0.692	0.944
	Fairly or very difficult	-0.120	0.077	0.122	0.887	0.762	1.032
Ease of getting to and from the GP surgery	Very easy (ref)						
	Fairly easy	-0.269	0.078	0.001	0.764	0.656	0.890
	Fairly or very difficult	-0.074	0.128	0.561	0.929	0.723	1.193
Overall satisfaction with care received from GP	Very satisfied (ref)						
	Fairly satisfied	-0.308	0.077	0.000	0.735	0.632	0.855
	Neither satisfied nor dissatisfied/Don't know/Can't remember	-0.188	0.180	0.297	0.829	0.583	1.180
	Fairly or very dissatisfied	-0.230	0.159	0.148	0.794	0.581	1.085
Constant		0.594	0.231	0.010	1.812	1.152	2.849

Unweighted base: Adults who have visited the GP in the past 12 months for their own health (8,359).

Note: Shaded rows denote factors significantly related to high levels of happiness yesterday when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.15 Proportion of the population with high, medium, and low levels of levels of happiness yesterday, by NHS Hospital experience factors.

Factors included in regressions Hospital users		Happy yesterday			Factor prevalence
		Very low or low	Medium	High	
		0-4	5-8	9-10	Column %
		Row %			
Total		27	38	35	100
Ease of getting to and from the hospital	Very easy	22	39	39	53
	Fairly easy	31	40	30	32
	Fairly or very difficult	37	32	32	16
Health professional knew all the relevant information about respondent at start of the appt	Strongly agree	26	38	36	58
	Tend to agree	26	40	35	25
	Neither/Don't know/Can't remember	31	38	31	6
	Tend to or strongly disagree	38	35	27	10
Overall satisfaction with care received from Hospital	Very satisfied	25	38	37	70
	Fairly satisfied	34	39	27	20
	Neither/Don't know/Can't remember	36	32	32	4
	Fairly or very dissatisfied	34	34	32	6
Unweighted bases (Hospital service users)		1,783	2,426	2,232	6,441
Weighted bases (Hospital service users)		284,471	395,657	359,804	1,039,933

Base: All adults who have attended an NHS Hospital appointment in the past 12 months.

Note: Shaded rows denote factors significantly related to levels of happiness yesterday in the relevant regression model below.

Table I.16 Multiple binary logistic regression: Low levels of happiness yesterday – NHS Hospital experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting to and from the hospital	Very easy (ref)						
	Fairly easy	0.184	0.099	0.065	1.201	0.989	1.460
	Fairly or very difficult	0.468	0.123	0.000	1.597	1.255	2.034
Health professional knew all the relevant information about respondent at start of the appt	Strongly agree (ref)						
	Tend to agree	-0.066	0.107	0.541	0.937	0.759	1.156
	Neither/Don't know/Can't remember	0.223	0.177	0.207	1.249	0.884	1.766
	Tend to or strongly disagree	0.401	0.154	0.010	1.493	1.103	2.020
Constant		-0.952	0.347	0.006	0.386	0.195	0.762

Unweighted base: Adults who had an NHS Hospital appointment in the past 12 months (4,159).

Note: Shaded rows denote factors significantly related to low levels of happiness yesterday when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.17 Multiple binary logistic regression: High levels of happiness yesterday – NHS Hospital experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting to and from the hospital	Very easy (ref)						
	Fairly easy	-0.221	0.091	0.015	0.802	0.671	0.958
	Fairly or very difficult	0.114	0.123	0.354	1.120	0.881	1.425
Overall satisfaction with care received from Hospital	Very satisfied (ref)						
	Fairly satisfied	-0.310	0.111	0.005	0.734	0.590	0.912
	Neither/Don't know/Can't remember	0.141	0.239	0.556	1.151	0.721	1.839
	Fairly or very dissatisfied	0.020	0.204	0.920	1.021	0.685	1.521
Constant		0.345	0.324	0.287	1.413	0.748	2.668

Unweighted base: Adults who had an NHS Hospital appointment in the past 12 months (4,621).

Note: Shaded rows denote factors significantly related to high levels of happiness yesterday when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Anxiety yesterday

Table I.18 Proportion of the population with high, medium, and low levels of anxiety yesterday, by GP Health service experience factors.

Factors included in regressions GP Users		Anxiety yesterday			Factor prevalence Column %
		Very high or high 6-10	Medium 2-5	Low 0-1 Row %	
Total		35	20	45	100
Ease of getting a GP appointment at a convenient time	Not applicable	35	22	44	10
	Very easy	31	20	49	34
	Fairly easy	37	21	41	26
	Fairly or very difficult	38	19	43	30
Ease of getting to and from the GP surgery	Very easy	32	20	47	68
	Fairly easy	40	20	40	26
	Fairly or very difficult	47	19	34	6
GP - Respondent or carer was given all the information needed	Strongly agree	35	20	45	61
	Tend to agree	33	20	47	28
	Neither/Don't know/Can't remember	35	22	44	5
	Tend to or strongly disagree	50	20	30	6
GP treated respondent with dignity and respect	Strongly agree	35	21	44	77
	Tend to agree	33	18	49	20
	Neither/Don't know/Can't remember	52	15	33	2
	Tend to or strongly disagree	43	23	34	2
Overall satisfaction with care received from GP	Very satisfied	33	20	47	68
	Fairly satisfied	40	21	39	23
	Neither/Don't know/Can't remember	40	22	38	4
	Fairly or very dissatisfied	45	19	36	5
Unweighted bases (GP service users)		3,989	2,302	5,218	11,509
Weighted bases (GP service users)		675,141	388,472	856,435	1,920,048

Base: All adults who have visited the GP in the past 12 months for their own health.

Note: Shaded cells denote factors significantly related to anxiety yesterday in the relevant regression model below.

Table I.19 Multiple binary logistic regression: High anxiety yesterday - GP Health service experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting to and from the GP surgery	Very easy (ref)						
	Fairly easy	0.226	0.089	0.011	1.254	1.054	1.492
	Fairly or very difficult	0.271	0.140	0.052	1.311	0.997	1.724
GP - Respondent or carer was given all the information needed	Strongly agree (ref)						
	Tend to agree	-0.177	0.096	0.066	0.838	0.694	1.012
	Neither/Don't know/Can't remember	-0.336	0.161	0.037	0.714	0.521	0.979
	Tend to or strongly disagree	0.168	0.162	0.300	1.183	0.861	1.626
GP treated respondent with dignity and respect	Strongly agree (ref)						
	Tend to agree	0.146	0.111	0.185	1.158	0.932	1.438
	Neither/Don't know/Can't remember	0.649	0.267	0.015	1.913	1.134	3.228
	Tend to or strongly disagree	-0.228	0.264	0.390	0.796	0.474	1.338
Constant		-0.474	0.271	0.081	0.623	0.366	1.060

Base: Adults who have visited the GP in the past 12 months for their own health (6,235).

Note: Shaded rows denote factors significantly related to high anxiety yesterday when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.20 Multiple binary logistic regression: Low anxiety yesterday - GP Health service experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting a GP appointment at a convenient time	Not applicable	-0.137	0.140	0.327	0.872	0.662	1.147
	Very easy (ref)						
	Fairly easy	-0.153	0.091	0.093	0.859	0.718	1.026
	Fairly or very difficult	0.071	0.089	0.423	1.074	0.902	1.279
GP treated respondent with dignity and respect	Strongly agree (ref)						
	Tend to agree	0.439	0.092	0.000	1.551	1.294	1.857
	Neither agree nor disagree/Don't know/Can't remember	0.286	0.273	0.294	1.332	0.780	2.274
	Tend to or strongly disagree	0.052	0.298	0.863	1.053	0.587	1.889
Overall satisfaction with care received from GP	Very satisfied (ref)						
	Fairly satisfied	-0.331	0.087	0.000	0.718	0.605	0.853
	Neither satisfied nor dissatisfied/Don't know/Can't remember	-0.393	0.200	0.049	0.675	0.456	0.998
	Fairly or very dissatisfied	-0.333	0.204	0.102	0.717	0.481	1.068
Constant		0.469	0.262	0.074	1.598	0.956	2.671

Base: Adults who have visited the GP in the past 12 months for their own health (7,454).

Note: Shaded rows denote factors significantly related to anxiety yesterday when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.21 Proportion of the population with high, medium, and low levels of anxiety yesterday, by NHS Hospital experience factors.

Factors included in regressions		Anxiety yesterday			Factor prevalence
		Very high or high 6-10	Medium 2-5	Low 0-1 Row %	
Hospital users					Column %
Total		36	20	44	100
Ease of getting to and from the hospital	Very easy	31	19	50	53
	Fairly easy	40	23	37	32
	Fairly or very difficult	42	19	38	16
Health professional knew all the relevant information about respondent at start of the appt	Strongly agree	35	21	45	58
	Tend to agree	34	19	46	25
	Neither/Don't know/Can't remember	33	25	41	6
	Tend to or strongly disagree	48	17	35	10
Hospital - Respondent or carer was given all the information needed	Strongly agree	36	20	45	62
	Tend to agree	34	21	45	26
	Neither/Don't know/Can't remember	43	18	39	5
	Tend to or strongly disagree	40	21	39	7
Hospital treated respondent with dignity and respect	Strongly agree	35	21	44	77
	Tend to agree	37	18	45	19
	Neither/Don't know/Can't remember	36	24	40	2
	Tend to or strongly disagree	51	18	32	2
Overall satisfaction with care received from Hospital	Very satisfied	33	20	47	70
	Fairly satisfied	43	23	34	20
	Neither/Don't know/Can't remember	37	15	47	4
	Fairly or very dissatisfied	41	19	41	6
Unweighted bases (Hospital service users)		2,295	1,264	2,879	6,438
Weighted bases (Hospital service users)		371,698	210,068	456,455	1,038,221

Base: All adults who have attended an NHS Hospital appointment in the past 12 months.

Note: Shaded rows denote factors significantly related to anxiety yesterday when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.22 Multiple binary logistic regression: High anxiety yesterday – NHS Hospital experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Health professional knew all the relevant information about respondent at start of the appt	Strongly agree (ref)						
	Tend to agree	0.221	0.140	0.115	1.247	0.948	1.641
	Neither/Don't know/Can't remember	-0.056	0.212	0.791	0.945	0.624	1.433
	Tend to or strongly disagree	0.599	0.184	0.001	1.821	1.270	2.613
Hospital - Respondent or carer was given all the information needed	Strongly agree (ref)						
	Tend to agree	-0.311	0.138	0.024	0.733	0.560	0.960
	Neither/Don't know/Can't remember	0.190	0.221	0.391	1.209	0.783	1.866
	Tend to or strongly disagree	-0.419	0.216	0.053	0.658	0.430	1.005
Constant		-0.517	0.377	0.170	0.597	0.285	1.249

Base: Adults who had an NHS Hospital appointment in the past 12 months (3,527).

Note: Shaded rows denote factors significantly related to high anxiety yesterday when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Table I.23 Multiple binary logistic regression: Low anxiety yesterday – NHS Hospital experience factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Ease of getting to and from the hospital	Very easy (ref)						
	Fairly easy	-0.410	0.107	0.000	0.664	0.539	0.818
	Fairly or very difficult	-0.128	0.136	0.344	0.880	0.674	1.147
Hospital treated resp with dignity and respect	Strongly agree (ref)						
	Tend to agree	0.329	0.123	0.007	1.390	1.092	1.769
	Neither/Don't know/Can't remember	-0.297	0.359	0.407	0.743	0.367	1.501
	Tend to or strongly disagree	0.015	0.387	0.969	1.015	0.475	2.167
Overall satisfaction with care received from Hospital	Very satisfied (ref)						
	Fairly satisfied	-0.411	0.123	0.001	0.663	0.521	0.843
	Neither/Don't know/Can't remember	0.355	0.284	0.211	1.426	0.817	2.489
	Fairly or very dissatisfied	-0.023	0.255	0.928	0.977	0.593	1.611
Constant		0.722	0.373	0.053	2.058	0.990	4.275

Base: Adults who had an NHS Hospital appointment in the past 12 months (4,106).

Note: Shaded rows denote factors significantly related to low anxiety yesterday when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; general health and long-term limiting illness.

Appendix J: Child's education as a predictor of parental wellbeing

Note: The National Survey asks parents questions separately regarding primary school and secondary school. The responses were combined to a single set of 'school' variables regardless of the level of schooling. For parents with both primary and secondary school aged children, for each education variable, the schooling level which the parent was less satisfied with was used. This was done in order to capture the total variation in parental experience of the education system which might be related to their wellbeing.

Life satisfaction

Table J.1 Proportion of the population with high, medium, and low levels of life satisfaction, by parental experience of child's education service factors.

Factors included in regressions		Life satisfaction			Factor prevalence
		Very low or low 0-4	Medium 5-8	High 9-10 Row %	
Parents					Column %
Total		20	49	31	100
Overall satisfaction with child's school	Very satisfied	17	46	37	54
	Fairly satisfied	19	54	26	32
	Neither satisfied nor dissatisfied, no opinion or don't know	24	57	19	6
	Fairly or very dissatisfied	32	44	24	8
Kept informed as much as want to be about child's progress	Strongly agree	18	50	32	57
	Tend to agree	20	47	33	30
	Neither agree nor disagree, no opinion or don't know	20	62	19	6
	Tend to or strongly disagree	28	41	31	7
Involved as much as want to be in decisions about child's education	Strongly agree	18	47	35	47
	Tend to agree	17	51	32	33
	Neither agree nor disagree, no opinion or don't know	22	61	18	9
	Tend to or strongly disagree	30	45	24	10
<i>Unweighted bases (Parents)</i>		557	1,356	792	2,705
<i>Weighted bases (Parents)</i>		96,823	244,594	156,304	497,722

Base: Parents with dependent children attending state school.

Note: Shaded cells denote factors significantly related to life satisfaction in the relevant regression model below.

Table J.2 Multiple binary logistic regression: High life satisfaction – Child's education service factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Overall satisfaction with child's school	Very satisfied						
	Fairly satisfied	-0.478	0.141	0.001	0.620	0.470	0.818
	Neither satisfied nor dissatisfied, no opinion or don't know	-0.724	0.298	0.015	0.485	0.270	0.871
	Fairly or very dissatisfied	-0.572	0.288	0.047	0.565	0.321	0.994
Kept informed as much as want to be about child's progress	Strongly agree						
	Tend to agree	0.676	0.181	0.000	1.966	1.378	2.805
	Neither agree nor disagree, no opinion or don't know	0.480	0.376	0.203	1.615	0.772	3.380
	Tend to or strongly disagree	1.210	0.286	0.000	3.354	1.913	5.878
Involved as much as want to be in decisions about child's education	Strongly agree						
	Tend to agree	-0.323	0.171	0.059	0.724	0.517	1.012
	Neither agree nor disagree, no opinion or don't know	-0.935	0.301	0.002	0.393	0.218	0.708
	Tend to or strongly disagree	-0.606	0.265	0.022	0.546	0.325	0.917
Constant		0.138	0.479	0.774	1.148	0.449	2.936

Unweighted base: Parents with dependent children attending state school (2,144).

Note: Shaded rows denote factors significantly related to high life satisfaction when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; child wellbeing and age of the youngest child.

Things done in life are worthwhile

Table J.3 Proportion of the population with high, medium, and low levels level of things done being worthwhile, by parental experience of child's education service factors.

Factors included in regressions		Things done in life are worthwhile			Factor prevalence
		Very low or low	Medium	High	
		0-4	5-8	9-10	Column %
Parents				Row %	
Total		13	50	37	100
Able to meet child's teachers within a reasonable period of time	Strongly agree	11	50	39	57
	Tend to agree	15	52	34	32
	Neither agree nor disagree, no opinion or don't know	21	49	30	6
	Tend to or strongly disagree	13	47	41	5
Involved as much as want to be in decisions about child's education	Strongly agree	11	47	42	47
	Tend to agree	14	52	34	33
	Neither agree nor disagree, no opinion or don't know	15	61	24	9
	Tend to or strongly disagree	18	49	33	10
Unweighted bases (Parents)		370	1,334	1,001	2,705
Weighted bases (Parents)		65,369	249,744	182,121	497,234

Base: Parents with dependent children attending state school.

Note: Shaded cells denote factors significantly related to things being worthwhile in the relevant regression model below.

Table J.4 Multiple binary logistic regression: High level of things done being worthwhile - Child's education service factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Able to meet child's teachers within a reasonable period of time	Strongly agree						
	Tend to agree	0.233	0.144	0.106	1.262	0.952	1.674
	Neither agree nor disagree, no opinion or don't know	0.245	0.240	0.308	1.277	0.798	2.045
	Tend to or strongly disagree	0.825	0.287	0.004	2.281	1.300	4.002
Involved as much as want to be in decisions about child's education	Strongly agree						
	Tend to agree	-0.384	0.141	0.007	0.681	0.517	0.898
	Neither agree nor disagree, no opinion or don't know	-0.789	0.244	0.001	0.455	0.282	0.733
	Tend to or strongly disagree	-0.379	0.200	0.059	0.685	0.463	1.014
Constant		0.599	0.435	0.168	1.821	0.776	4.274

Unweighted base: Parents with dependent children attending state school (2,331).

Note: Shaded rows denote factors significantly related to high life satisfaction when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; child wellbeing and age of the youngest child.

Happiness yesterday

Table J.5 Proportion of the population with high, medium, and low levels of happiness yesterday, by parental experience of child's education service factors.

Factors included in regressions		Happy yesterday			Factor prevalence Column %
		Very low or low 0-4	Medium 5-8	High 9-10	
				Row %	
Parents					
Total		26	40	35	100
Able to meet child's teachers within a reasonable period of time	Strongly agree	25	39	36	57
	Tend to agree	25	41	34	32
	Neither agree nor disagree, no opinion or don't know	32	39	29	6
	Tend to or strongly disagree	33	40	26	5
Involved as much as want to be in decisions about child's education	Strongly agree	23	42	35	47
	Tend to agree	26	36	38	33
	Neither agree nor disagree, no opinion or don't know	31	39	29	9
	Tend to or strongly disagree	32	38	29	10
Kept informed as much as want to be about child's progress	Strongly agree	24	42	35	57
	Tend to agree	28	35	36	30
	Neither agree nor disagree, no opinion or don't know	25	42	33	6
	Tend to or strongly disagree	30	41	30	7
Unweighted bases (Parents)		736	1,058	913	2,707
Weighted bases (Parents)		127,695	198,003	172,620	498,318

Base: Parents with dependent children attending state school.

Note: Shaded cells denote factors significantly related to happiness yesterday in the relevant regression model below.

Table J.6 Multiple binary logistic regression: Low levels of happiness yesterday - Child's education service factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Able to meet child's teachers within a reasonable period of time	Strongly agree						
	Tend to agree	-0.399	0.164	0.015	0.671	0.487	0.926
	Neither agree nor disagree, no opinion or don't know	0.030	0.263	0.909	1.030	0.615	1.725
	Tend to or strongly disagree	-0.233	0.273	0.393	0.792	0.463	1.353
Involved as much as want to be in decisions about child's education	Strongly agree						
	Tend to agree	0.485	0.159	0.002	1.624	1.190	2.217
	Neither agree nor disagree, no opinion or don't know	0.615	0.235	0.009	1.849	1.165	2.935
	Tend to or strongly disagree	0.560	0.235	0.017	1.751	1.104	2.778
Constant		-0.701	0.501	0.162	0.496	0.186	1.325

Unweighted base: Parents with dependent children attending state school (1,792).

Note: Shaded rows denote factors significantly related to high life satisfaction when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; child wellbeing and age of the youngest child.

Table J.7 Multiple binary logistic regression: High levels of happiness yesterday - Child's education service factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Kept informed as much as want to be about child's progress	Strongly agree						
	Tend to agree	0.348	0.137	0.011	1.417	1.084	1.852
	Neither agree nor disagree, no opinion or don't know	0.460	0.286	0.108	1.584	0.904	2.776
	Tend to or strongly disagree	0.073	0.209	0.727	1.076	0.714	1.619
Constant		1.142	0.511	0.026	3.132	1.150	8.527

Unweighted base: Parents with dependent children attending state school (1,967).

Note: Shaded rows denote factors significantly related to high life satisfaction when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; child wellbeing and age of the youngest child.

Anxiety yesterday

Table J.8 Proportion of the population with high, medium, and low levels of anxiety yesterday, by parental experience of child's education service factors.

Factors included in regressions Parents		Anxiety yesterday			Factor prevalence Column %
		Very high or high 6-10	Medium 2-5	Low 0-1 Row %	
Total		36	19	45	100
Overall satisfaction with child's school	Very satisfied	33	18	49	54
	Fairly satisfied	37	20	43	32
	Neither satisfied nor dissatisfied, no opinion or don't know	45	18	36	6
	Fairly or very dissatisfied	42	25	34	8
Kept informed as much as want to be about child's progress	Strongly agree	34	20	46	57
	Tend to agree	35	19	46	30
	Neither agree nor disagree, no opinion or don't know	47	18	35	6
	Tend to or strongly disagree	41	20	39	7
Involved as much as want to be in decisions about child's education	Strongly agree	34	18	48	47
	Tend to agree	35	20	45	33
	Neither agree nor disagree, no opinion or don't know	40	25	36	9
	Tend to or strongly disagree	41	19	40	10
Unweighted bases (Parents)		937	537	1,228	2,702
Weighted bases (Parents)		176,882	95,739	225,038	497,659

Base: Parents with dependent children attending state school.

Note: Shaded cells denote factors significantly related to anxiety yesterday in the relevant regression model below.

Table J.9 Multiple binary logistic regression: High anxiety yesterday - Child's education service factors (while controlling for socio-demographic and health factors)

		Coeff.	Std. Err.	P>t	Odds Ratio	95% Conf interval OR	
						Low	High
Overall satisfaction with child's school	Very satisfied						
	Fairly satisfied	-0.238	0.155	0.125	0.788	0.581	1.069
	Neither satisfied nor dissatisfied, no opinion or don't know	-0.154	0.312	0.622	0.857	0.465	1.581
	Fairly or very dissatisfied	-0.828	0.314	0.008	0.437	0.236	0.809
Kept informed as much as want to be about child's progress	Strongly agree						
	Tend to agree	0.514	0.191	0.007	1.672	1.149	2.434
	Neither agree nor disagree, no opinion or don't know	0.816	0.369	0.027	2.260	1.096	4.663
	Tend to or strongly disagree	0.617	0.342	0.071	1.854	0.948	3.625
Involved as much as want to be in decisions about child's education	Strongly agree						
	Tend to agree	-0.358	0.184	0.051	0.699	0.488	1.002
	Neither agree nor disagree, no opinion or don't know	-0.677	0.287	0.018	0.508	0.289	0.892
	Tend to or strongly disagree	-0.248	0.309	0.421	0.780	0.426	1.429
Constant		1.894	0.468	0.000	6.648	2.656	16.641

Unweighted base: Parents with dependent children attending state school (1,760).

Note: Shaded rows denote factors significantly related to high life satisfaction when controlling for age; gender; ethnicity; marital status; household type; highest level of qualification; social class (NS-SEC); housing tenure; child wellbeing and age of the youngest child.