

# **Northern Ireland Life and Times Survey 2003**

## **Technical Notes**

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## Contents

	Page
What is the Northern Ireland Life and Times Survey? .....	1
Links with other surveys .....	1
Technical details of the 2003 survey .....	2
The overall design .....	2
Survey content .....	2
Fieldwork .....	2
Advance mailshot .....	3
Sampling design .....	3
Response rate .....	3
Sampling errors and confidence intervals .....	4
Data preparation .....	4
Deriving social class variables .....	5
Getting the data .....	5
Using the data .....	5
Notes and errata .....	6
Comparison with other surveys .....	7
Contact information .....	9
Finding a module in the questionnaires .....	10
Other variables on the dataset.....	11

## What is the Northern Ireland Life and Times Survey?

The Northern Ireland Life and Times (NILT) Survey was launched in the autumn of 1998. Its mission is to monitor the attitudes and behaviour of people in Northern Ireland annually to provide a time-series and a public record of how our attitudes and behaviour develop on a wide range of social policy issues. The survey is run on a modular format and while two modules are repeated every year (*Political Attitudes* and *Community Relations*) the rest of the survey varies annually, with all the modules designed to be repeated in years to come.

The survey aims to provide:

- A local resource for use by the general public
- A data source for a more theoretical academic debate

We would like to take this opportunity to thank the funders for the 2003 survey who have been most supportive of the overall aims of the project. They include Office of the First Minister and Deputy First Minister (OFMDFM), Economic and Social Research Council (ESRC), The Nuffield Foundation and Atlantic Philanthropies.

### Links with other surveys

The Northern Ireland Life and Times Survey is a direct descendent of the Northern Ireland Social Attitudes Survey (NISA) which ran from 1989 to 1996. NISA was a sister survey to the British Social Attitudes Survey (BSA), and, by running the same modules as BSA, it provided a time-series of social attitudes allowing comparisons with Britain. Against the background of the new political arrangements in Northern Ireland it was agreed that the new Northern Ireland Life and Times Survey would be better served by cutting its links with its British counterpart. NILT now carries on the tradition of a time-series of attitudes but has shifted the focus away from comparisons with Britain. It is largely Northern Ireland focused, it is social policy focused, and it is designed to be used by the wider public in Northern Ireland. Nonetheless, every year includes a substantial component which either continues an old NISA time-series, or replicates a BSA module.

Each year over 38 countries participate in the International Social Survey Programme (ISSP) in which the same module of questions is asked cross-nationally. Northern Ireland has taken part in this exercise since 1989 via NISA until 1996, and then via NILT. The 2002 module covered **Family and Gender**. Full ISSP datasets can be obtained from the *ZentralArchiv* in Köln, Germany where the datasets from the member countries are assembled. Information on the ISSP can be found at their web site: <http://www.issp.org>, while the English version of the *ZentralArchiv* web site is at <http://www.gesis.org/en/za/index.htm>.

## Technical details of the 2003 survey

### The overall design

The 2003 Northern Ireland Life and Times Survey involved 1800 face-to-face interviews with adults aged 18 years or over. The main interview was carried out using computer assisted personal interviewing (CAPI) and the respondent was then asked to complete a self completion questionnaire.

In 1998, 1999 and 2000, the Young Life and Times Survey ran alongside the adult survey and interviewed young people aged 12 to 17. However, this methodology was reviewed in 2001. Leading on from this, the Young Life and Times restarted in 2003, but with a different methodology from before, and not linked to the adult survey. (Full details on the Young Life and Times Survey can be found at [www.ark.ac.uk/ylt](http://www.ark.ac.uk/ylt))

### Survey content

The modules included in the 2003 survey are:

**Background**

**Education**

**Attitudes to Older People**

**Political Attitudes**

**Disability**

**Community Relations**

### Fieldwork

All interviews were conducted during the period October 2003 to February 2004. Interviewing was carried out by social survey interviewers employed by Research and Evaluation Services (RES). All fieldworkers attended one of three briefing sessions conducted jointly by RES and members of the NILT project team. All interviews were conducted in the respondents' homes. Interviewers made up to a maximum of five calls before the person identified in the sample was deemed to be 'non-obtainable'. The self completion questionnaire was either completed and handed back to the interviewer at the time of the main interview, or the interviewer called back at a later stage to collect it.

The names of all respondents who took part in the survey were entered into a draw with three prizes (£500, £300 and £200).

Advance mailshot

Households identified in the sample were sent an advance letter which explained the background to the survey, outlined the method by which an individual respondent would be selected from the household, and requested co-operation with the project. The letter provided households with contact details for the project team as well as for RES.

Sampling design

The survey was designed to yield a representative sample of men and women aged 18 and over living in Northern Ireland. The Postal Address File (PAF) was used as the sampling frame for the survey and a simple random sample of addresses was obtained after stratification into three geographic regions (Belfast, East of the Bann and West of the Bann). This was done to ensure the adequate representation of areas of lower population density and is standard practice in Northern Ireland social surveys. At selected addresses, a Kish grid procedure was utilised to randomly select one individual to be the subject of the survey.

The sample selected was slightly larger than necessary in order to provide reserve addresses. Interviewers were instructed to make a total of five calls, or to have received a refusal or other information confirming that an interview would not be obtained, before being issued with reserve addresses. This was to ensure optimal response from the main sample.

Response rate

**Table 1.1** shows the status of addresses, and the number of addresses in scope. **Table 1.2** shows the reason for non achievement of interviews with individuals drawn in the sample. **Table 1.3** shows the response rate for the self completion questionnaires.

<b>Table 1.1 Status of addresses</b>		
Total Addresses Issued	Vacant /Derelict/ Commercial	Total in scope
2985	43	2942

<b>Table 1.2 Breakdown of response</b>		
	No.	%
Achieved	1800	62
Refused	499	17
Non-contact	621	21
Other	22	<1
Total	2942	

<b>Table 1.3 Completion of self completion questionnaires</b>	
Number of main stage interviews	1800
Number of self completion achieved	1584
% of self completion achieved	88

### Sampling errors and confidence intervals

**Table 1.4** sets out sampling errors and confidence intervals at the 95% confidence level relating to a Simple Random Sample design as used in the survey. Note that the margin of error for all sample estimates is within the parameters of  $\pm 2.3\%$ .

<b>Table 1.4 Sampling errors and confidence intervals for key variables</b>				
		% p	Standard Error of p (%)	95% Confidence limits
<b>Age</b>	18 - 24	10.3	0.72	8.90 – 11.70
	25 - 44	33.8	1.11	31.61 – 35.99
	45 - 64	32.5	1.0	30.34 – 34.66
	65 - 74	13.7	0.81	12.11 – 15.29
	75+	9.4	0.69	8.05 – 10.75
<b>Sex</b>	Male	43.0	1.17	40.71 – 45.29
	Female	57.0	1.17	54.71 – 59.29
<b>Marital status</b>	Married/Cohabiting	51.7	1.18	49.39 – 54.01
	Single	24.6	1.02	22.61 – 26.59
	Widow/Div/Sep	23.7	1.00	21.74 – 25.66
<b>Religion</b>	Catholic	36.3	1.13	34.08 – 38.52
	Protestant	54.7	1.17	52.40 – 57.00
	None	7.8	0.63	6.56 – 9.04
	Other	0.6	0.18	0.24 – 0.96
	Refused	0.6	0.18	0.24 – 0.96

### Data preparation

Main survey data was collected via the 'Surveycraft' computer aided interviewing package. This was converted to SPSS format prior to analysis. All paper based data (self completion modules) were entered via the SPSS data entry system. All data were merged and subject to an extensive range of inter and intra variable logic checks.

### Deriving social class variables

Occupational variables from the data set were derived using the 'Computer Assisted Standard Occupational Coding' (CASOC) software. This programme enables a match to be made between the text describing the respondent's occupation and the most similar occupational description taken from the Registrar General's Standard Classification of Occupations. When a match is made, the system automatically assigns the official three digit code from the 'Standard Classification of Occupations' to this case. This three digit code is the direct basis for the derivation of related information on a social class grouping. The data set contains the National Statistics Socio-Economic Status (NS SEC) variable, which was introduced in 2001, as well as the Registrar General's Standard Classification (which is the predecessor of the NS SEC classification).

### Getting the data

Survey results are put on the Internet six months after the end of fieldwork (<http://www.ark.ac.uk/nilt>), with frequencies for every question and a breakdown by age, gender and religion on offer.

A 'query' service or helpline is run for those who need additional tables or have any query about the survey. Users can contact one of the Life and Times team directly (see Contact Information on page ix). A leaflet advertising the existence of the data and how to get hold of it is also sent to schools, voluntary groups, civil servants, journalists and assembly members. The funders of the survey receive the dataset somewhat earlier than the public (three months after the end of fieldwork). Nonetheless, one of the guiding principles of the survey is that the information is made available to all and that no one person or organisation has ownership of the results. The web site also allows users to download the data in order to carry out their own particular statistical analyses.

### Using the data

The documentation provided here is not a traditional 'technical report' and is designed to be easy to use rather than technically exhaustive. Users who intend to carry out sophisticated statistical analyses or to manipulate the data to investigate particular features may well want to come back to us for more precise details on the survey set-up.

The data have been tested extensively, but if you do find anything that looks like a mistake, please let us know as soon as you can.

**Please note that all analyses of the adult data should be weighted in order to allow for disproportionate household size. The weighting variable is called *WTFCTOR*. The only exceptions are the few household variables (for example, tenure and household income), which do not need to be weighted.**

## Notes and Errata

### Categorisation of Religion

At the back of this documentation is a list of other variables on the dataset. This includes the variable RELIGCAT, which categorises the variable RELIGION into 3 groups: Catholic, Protestant and No religion.

The Protestant category was created by grouping together the following denominations:

- Church of Ireland/Anglican/Episcopal
- Baptist
- Methodist
- Presbyterian
- Free Presbyterian
- Brethren
- United Reform Church (URC)/Congregational
- Pentecostal
- Church of Scotland
- Elim Pentecostal
- Reformed Presbyterian
- Non-subscribing Presbyterian
- Salvation Army
- Church of Nazarene
- Jehovah's Witness
- Mormon
- Other
- Protestant – no denomination
- Christian – no denomination

We have omitted other religious groups from the RELIGCAT variable as the number of respondents within these groups are too small to use for meaningful analysis.

In order to maintain anonymity of respondents, the RELIGION and FARMRELIG variables have been recoded with a category 'Other Christian' consisting of the following:

- Brethren
- United Reform Church (URC)/Congregational
- Pentecostal
- Church of Scotland
- Elim Pentecostal
- Reformed Presbyterian
- Non-subscribing Presbyterian
- Salvation Army
- Church of Nazarene
- Jehovah's Witness
- Mormon
- Other

All non-Christian religions have been grouped together into the 'Non-Christian' category

The RACE1 and ORIENT variables have been omitted from the dataset available on the website, again to maintain anonymity of respondents.

If you have any queries, please contact Paula Devine (see contact details on page 9)

## Comparison with other surveys

### Comparison of household characteristics

		NILT 2003*	CHS 2002/03	Northern Ireland Census 2001
<i>Characteristics of sampled households</i>				
<i>Tenure</i>	Owner occupied	71	77	70
	Rented, NIHE	19	13	19
	Rented, Other**	8	9	9
	Other (eg rent free)	2	1	3
Base=100%		1800	5164	626718

\* Household characteristics are based on unweighted data from the NILT survey

\*\* 'Rented, Other' includes rented from a housing association and rented privately

### Comparison of individual characteristics

		NILT 2003	CHS 2002/03	Northern Ireland Census 2001
		%		
<i>Individual characteristics</i>				
<i>Sex</i>	Male	46	47	48
	Female	54	53	52
<i>Age</i>	18-24	14	12	13
	25-34	12	18	20
	35-44	20	21	20
	45-54	19	17	16
	55-59	10	8	7
	60-64	7	6	6
	65 and over	18	18	18
Base=100%		1800	5166	1233753
<i>Marital Status</i>	Single	25	27	30*
	Married/Cohabiting	60	57	56
	Widowed	7	8	7
	Divorced/Separated	8	7	7
Base=100%		1800	5166	1261257
		%		
<i>Economic activity</i>	Working	51	53	58**
	Unemployed	5	4	4
	Economically inactive	45	397	38
	Refused/missing	-	6	-
Base=100%		1800	5166	1133621

\* Based on total population aged 16 years and over

\*\* Based on total population aged 18 – 74 years

**Individual characteristics – NILT 2003**

	18-24	25-34	35-44	45-64	65 and over	All
	%					
Single	90	39	13	9	10	25
Married/cohabiting	9	57	73	74	59	60
Divorced/separated/ widowed	1	4	13	17	32	15
Base=100%	249	222	367	633	326	1797

**Individual characteristics – CHS 2002/03**

	18-24	25-34	35-44	45-64	65 and over	All
	%					
Single	95	44	14	9	12	27
Married/cohabiting	5	50	74	75	50	50
Divorced/separated/ widowed	<1	6	11	16	38	15
Base=100%	611	950	1068	1609	928	5166

**Stated religious denomination**

	NILT 2003	CHS 2002/03	Northern Ireland Census 2001
	%		
Protestant	53	44	48
Catholic	38	31	38
Other religion	1	<1	<1
No religion	8	2	13*
Unwilling to say/Don't know	1	22	-
Base=100%	1800	5166	1233751

\* Include 'no religion' and religion not stated

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**Finding a module in the questionnaires**

	Main Questionnaire	Self completion Questionnaire
<b>Background</b>	2 – 4, 50 – 60	N/A
<b>Education</b>	5 – 8	2– 3
<b>Attitudes to Older People</b>	9 – 16	N/A
<b>Political Attitudes</b>	17 – 27	5 – 9
<b>Disability</b>	28 – 39	4
<b>Community Relations</b>	40 – 49	N/A

## Other variables on the dataset

<i>WTFACOR</i>	<b>Weighting variable</b>
<i>RAGECAT</i>	<b>Age of respondent (categorised)</b>  1      18-24 2      25-34 3      35-44 4      45-54 5      55-64 6      65+
<i>RAGEGRP</i> <i>P2AGEGP –</i> <i>P12AGEGP</i>	<b>Age (categorised)</b>  1      0-17 2      18-24 3      25-44 4      45-64 5      65-74 6      75+
<i>NIPARTY</i>	<b>NI Party identification (Derived from NIPTYID1 and NIPTYID3)</b>  4      Ulster Unionist Party (UUP) 5      Social Democratic and Labour Party (SDLP) 6      Democratic Unionist Party (DUP) 7      Alliance Party 8      Sinn Fein 9      Progressive Unionist Party (PUP) 10     Ulster Democratic Party (UDP) 11     Women's Coalition 15     Other Party 16     Other answer 17     Northern Ireland Unionist Party 18     None 98     Don't know 99     Refused/not answered
<i>RELIGCAT</i>	<b>Religion of respondent (categorised)</b>  1      Catholic 2      Protestant 3      No religion
<i>SOCLASS1</i> <i>(Respondent)</i> <i>SOCLASS2</i> <i>(Partner)</i> <i>SOCLASS</i>	<b>Overall social class</b>  0      Professional 1      Managerial/technical 2      Skilled non-manual 3      Skilled manual 4      Partly skilled 5      Unskilled 9      Unknown  SOCLASS is based on the respondent's social class. If this is missing, then it is based on the partner's social class (if applicable).

<p><i>ANSSECA</i> (Respondent) <i>ANSSECB</i> (Partner)</p>	<p><b>National Statistics Socio Economic Classification (NS SEC)</b></p> <p>1.1 Large employers and higher managerial occupations  1.2 Higher professional occupations  2 Lower managerial and professional occupations  3 Intermediate occupations  4 Small employers and own account workers  5 Lower supervisory and technical occupations  6 Semi-routine occupations  7 Routine occupations  8 Never worked and long-term unemployed  9 Not classified</p>
<p><i>CHILDREN</i></p>	<p><b>Has respondent got children aged 16 or under, either living with them or not living with them? (Derived from CHILDU16 and other household information)</b></p> <p>1 Yes  2 No</p>