

1. Personal details and contact information of lead researcher

Name	
Phone No	
Email	
Date of Birth	
Nationality	

2. If you are leading a research team, please provide the names of all members of the team.

Name	Date of Birth	Nationality

3. Title of the research proposal:

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4. Brief description of the project (up to 50 words):

*Please include reference to the project's statistical purpose, e.g. matching data sets, econometric analysis.*

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Project Number

5. Please provide a full and detailed description of the purpose/s for which the micro-data is/are requested, describing the aims of the study/research. Where research is part of a larger programme, please include details below. Alternatively you can attach the information in a separate document

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6. In order to justify as to why access to detailed micro-data is needed, please state why other data sources are not sufficient for your purpose/s.

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7. Intended outputs/publications arising from the use of this data:

<input type="checkbox"/>	Refereed journals
<input type="checkbox"/>	Report for Government Department, Research Councils or other sponsors
<input type="checkbox"/>	Internal ONS reports
<input type="checkbox"/>	Other; please specify:

8. Please indicate the source of funding for your project alongside the following headings:

<input type="checkbox"/>	Office for National Statistics
<input type="checkbox"/>	Other Government Department; please specify:
<input type="checkbox"/>	Research Council, Charitable Foundation; please specify:
<input type="checkbox"/>	Other; please specify:
<input type="checkbox"/>	Unfunded

9. Duration of access

From                      To

10. Please indicate which data set you require to access:

- Business micro-data (please continue with **part A on page 3**)
- ONS Longitudinal Study (please continue with **part B on page 5**)
- Controlled Access Micro-data Sample (please continue with **part C on page 9**)

Project Number

**SUPPLEMENT PART B**  
**Access to the ONS Longitudinal Study**

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**B1** Please indicate the main theme(s) of your project:

Ageing	<input type="checkbox"/>	Ethnic minority populations	<input type="checkbox"/>	Housing and households	<input type="checkbox"/>
Childhood and Youth	<input type="checkbox"/>	Health and mortality	<input type="checkbox"/>	Internal migration, population distribution and environment	<input type="checkbox"/>
Other, please specify:					

**B2** Will you require access to your Longitudinal Study Research Version data extract at the Virtual Microdata Laboratory?

Yes     No

**B3** Location(s) where analysis of outputs will be conducted

*Only outputs that have been disclosure checked will be released from the VML to Approved Researchers. You must specify the details of all locations where these outputs will be accessed. In case of more than one location, please give also details for all sites where research will be conducted.*

Organisation:	
Address:	
Country:	

**B4** With regard to secure use of the data, please state measures in place to protect the technical and physical security and confidentiality of outputs.

*Refer to the Guide to Good Practice: Microdata Handling and Security before proceeding: <http://www.esds.ac.uk/news/microDataHandlingandSecurity.pdf>.*

**B5** Provide a description of the population selected for the study:

*(For example, all female LS members enumerated at the 1971 and 2001 Censuses and aged 16-49 years at the 1971 Census).*

**B6** What files will the data be drawn from?

*See Annex A for a description of the data in each of the LS files.*

Census data	Events data	Events dates
1971 <input type="checkbox"/> Yes / <input type="checkbox"/> No	Births of LS member <input type="checkbox"/> Yes / <input type="checkbox"/> No	From: To:
1981 <input type="checkbox"/> Yes / <input type="checkbox"/> No	Births to LS member <input type="checkbox"/> Yes / <input type="checkbox"/> No	From: To:
1991 <input type="checkbox"/> Yes / <input type="checkbox"/> No	Cancer	From:

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	registrations <input type="checkbox"/> Yes / <input type="checkbox"/> No	To:
2001 <input type="checkbox"/> Yes / <input type="checkbox"/> No	Deaths of LS member <input type="checkbox"/> Yes / <input type="checkbox"/> No	From: To:
Ecological variables <input type="checkbox"/> Yes / <input type="checkbox"/> No		

Other census data:	Other events data:
	From: To:
	From: To:

**B7** What variables will you need?

*If possible, please list in more detail the variables you need. This section should be completed using the LS Data Dictionary. A few selected variables are listed in Annex B. Otherwise, give a broad indication of the type of variables you are likely to use. This is to assist with the creation of your data extract. Should additional variables from the LS Research Version be needed for the same project, you will not be required to reapply.*

Filename	Name of variable	Short description of variable

**B8** Derived variable(s):

*List the input variables to be used in the derivation and, where possible, show how the variable will be derived.*

*(Example: Number of earners in the LS household in 1981 derived using input variables: AGE8, SEX, ECONACT8, and URESIND8. Algorithm: count of people in a household who are usually resident, for whom ECONACT = 1 or 2 and age is 16-65 years for men or 16-60 years for women.)*

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**B9** In summary:

Number of variables to be investigated (approximate):

Estimate of number of subjects in study population:

**B10** What outputs will you need from the Longitudinal Study?  
 (Please tick those that apply)

	SPSS	Stata	SAS	Plain text file	Excel	Other (specify):
Cross tabulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Aggregated data set of frequency records	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Regression coefficients	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**B11** Will you do further output manipulation at your own site using disclosure-controlled outputs?

Yes     No

**B12** Cross-classification of some variables (e.g. ethnicity, rare causes of death, small geographical areas) may breach confidentiality. If this happens would you accept outputs which are further aggregated?

Yes     No

**B13** Other comments:

**A User Support Officer should complete the following section. It applies to work carried out within the ONS.**

**B14** Name and employer of person expected to extract and prepare the data from the Longitudinal Study:

**B15** Source(s) of data:

Model 204 database:     Yes     No

LSLOAD:                     Yes     No

**B16** What software packages will be needed to produce the output from the LS?

SAS	<input type="checkbox"/> Yes <input type="checkbox"/> No
SPSS	<input type="checkbox"/> Yes <input type="checkbox"/> No
STATA	<input type="checkbox"/> Yes <input type="checkbox"/> No
MIWin	<input type="checkbox"/> Yes <input type="checkbox"/> No
Other (please specify)	

**B17** Will ONS need to add the user's own look-up tables to the LS data?

Yes     No

## ANNEX B: ONS LONGITUDINAL STUDY - FILES CONTAINING DATA ON LS MEMBERS

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### Commonly-used files

	File description	File-name	Description
	Core file	core	Core number for each member, sex, year of birth, presence at Census & tracing indicators
C	1971 Census LS members	me71	Census data on LS members
C	1981 Census LS members	me81	Census data on LS members
C	1991 Census LS members	me91	Census data on LS members
C	2001 Census LS members	me01	Census data on LS members
C	1971 Census non LS members	nm71	Census data on people living with LS members
C	1981 Census non LS members	nm81	Census data on people living with LS members
C	1991 Census non LS members	nm91	Census data on people living with LS members
C	2001 Census non LS members	nm01	Census data on people living with LS members
E	New births	nbir	Births of new LS members; added to LS
E	Immigrants	immg	Immigrations of new LS members; added to LS
E	Deaths	deth	Deaths of LS members; leave LS permanently
E	Embarkations	embr	Emigrations; no further events; can re-enter
E	Cancer registrations	canc	Cancers registered to LS members
E	Live births to sample mothers	lbsm	Records of births to female LS members
E	Still births to sample mothers	sbsm	Records of stillbirths to female LS members
C	Ecological variables	geog	Small-area statistics; assigned to geographical areas (1971 only)

C - Census data files. E - Events files.

**Other files available**

	<b>File description</b>	<b>File-name</b>	<b>Description</b>
C	1981 Census absent usually resident LS members	am81	Census data for LS members away at Census
C	1981 Census non-LS members in households with an absent usually resident LS members	na81	Census data on people living with LS member who was away at Census
C	1991 Census absent usually resident LS members	am91	Census data from LS members usual residence for LS members away at the Census
C	1991 Census non LS members in households with an absent usually resident LS members	na91	Census data on people living with LS member who was away at Census
C	2001 Census multiple enumerated LS members	mm01	Census data from multiple enumerated LS members – secondary and subsequent enumerations.
C	2001 Census non-LS members in households with multiple enumerated LS members	mn01	Census data for people enumerated with multiple enumerated LS members – secondary and subsequent enumerations of LS members
E	Live births to sample fathers	lbsf	Records of births to male LS members (1971-78, 81 only)
E	Still births to sample fathers	sbsf	Records of stillbirths to male LS members (1971-78, 81 only)
E	Infant mortality	idmi	Infant deaths to a birth to a sample mother
E	Infant mortality	idfi	Infant deaths to a birth to a sample father
E	Widow(er)hoods	wdow	Deaths of LS members' spouses
E	Enlistments	enls	Enlistments into the armed forces
E	Re-entrants	reen	Re-entry to LS after a previous embarkation of an LS member
E	Long stay psychiatric	psyc	1971-83 only, not more than 60 a year
C	Internal migration	ifpc	1971-74 only

C - Census data files. E - Events files.



## ANNEX C: ONS LONGITUDINAL STUDY - STARTER VARIABLE LIST

Here is a selection of variables from the Longitudinal Study that are commonly used. They should help get you started when specifying your extract.

### Key population selection variables

Description	Variable Name	Filename
Case number identifying LS members Present on every file	coreno	core
Year of birth	dobyr	core
Age at 1971 Census	age7	me71
Age at 1981 Census	age8	me81
Age at 1991 Census	age9	me91
Age at 2001 Census	agep0	me01
Indicator of discrepancy in date of birth data	dob001 to dobd006	core
Sex	sex	core
Indicator of discrepancy in sex data	sexd001 to sexd006	core
Presence at 1971, 1981, 1991 or 2001 Census	hiscen71 hiscen81 hiscen91 hiscen01	core
Indicator of period LS member was traced	trace	core
Identifies whether person is usually resident or a visitor to the household	visind7 uresind8 uresind9	me71 me81 me91
Relationship of non-LS Member to LS Member	lsrelat7 nlsrelt8 nlsrelt9 lsrelat0	me71 me81 me91 me01

### Key event selection variables

Description	Variable Name	Filename
Day, month and year of live birth to sample mother	bidyabm bimtabm or biyrabm edatebm	Lbsm
Day, month and year of death	dedybde demtbde or deyrbde edatede	Deth
Day, month and year of immigration	evdybir evmtbir or evyrbir edateir	lmmg
Year of birth of members born into the LS. Day and month are protected	biyranb	Nbir
Day, month and year of embarkation	evdyeem evmteem or evyreem edateem	Embr
Shows date order of events in each event file	eventord	lbsm, deth, lmmg, nbir, canc, embr

**Other useful variables**

<b>Description</b>	<b>me71</b>	<b>me81</b>	<b>me91</b>	<b>me01</b>
Housing tenure (missing for people in communal establishments)	tenure7	tenure8	tenure9	tenh0
Standard region of usual residence (1971-1991)* Government Office region 2001	strgx7	strgxua8	srguaea9	gors0
Economic position	econp7	econact8	econpo89 econpo9	ecop80 ecop0
Social class	socs7	soc8	sclas9	Social class at 2001**
National Statistics SEC (NS-SEC)			NS-SEC at 1991**	nssp0
Marital status	marcon7	marstat8	marstat9	mstp0
Number of children ever born within marriage to 1971 Census	numch7			
Ethnic group	ethor7 ethorx7		ethnic9	ethgrp0
Minimal household unit variables: can be used to identify families / couples, members position in them & people in communal establishments	mhutyp7 mhupos7 mhucom7	mhutyp8 mhupos8 mhucom8	mhutyp9 mhupos9 mhucom9	mhutyp0 mhupos0 mhucom0
Type of communal establishment		nonprie8	estabty9	cetc0

\* An algorithm is available to convert standard region to government office region

\*\* Under development

**Other variables for 2001 Census data in the LS**

This is a list of some of the commonly used 2001 Census variables on the file for LS Members (ME01). There will be an equivalent variable on the file for non-members (NM01), if appropriate.

Imputation indicators for variables, which indicate whether a value has been imputed or not, can be found in the Data Dictionary and end in IMP (eg AGEPIIMP is the imputation indicator for AGEPO). Note that imputation indicators have not been computed for all derived variables.

	<b>Description</b>	<b>Variable Name</b>
Presence at Census	Present at 2001 Census indicator	hiscen01
	Multiple Enumeration indicator 2001	meind
Personal	Age 2001	agep0
	Marital status 2001	mstp0
	Student indicator 2001	stup0
	Term-time address indicator 2001	ttind0
Accommodation	Household tenure 2001	tenh0
	Owns/Rents 2001	ownren0
	Landlord 2001	lanh0
	Number of cars 2001	cavh0
	Central Heating 2001	cnhh0
	Availability of bath/shower 2001	bsth0

Communal Establishment	Establishment type 2001	cetc0
	Management type (Communal Establishment) 2001	cemtype0
	Combined type and management (Communal Establishment) 2001	cectmc0
Occupation	Occupation 2001	occp0
	SOC 90 code 2001	soc900
	NS-SEC 2001	nssp0
	Employment type 2001	emtp0
	Company size 2001	sizp0
	Economic position (coded for compatibility with 1981 & 1991) 2001	ecop80
	Economic activity 2001	ecop0
	Supervisor 2001	sump0
	Industry 2001 (SIC92)	indp0
	Hours worked 2001	houp0
Qualifications	Qualifications 2001	qup0
	Professional qualifications 2001	pqup0
	Highest qualification 2001	hlqp0
Migration	Usual address 1 year ago 2001	migp0
	Distance of move between 1991 and 2001 censuses (in kms)	dismov10
	10 year migration indicator 2001	mig100
	Government Office region 2001	gors0
Health	Limiting long-term illness 2001	illp0
	Health 2001	heap0
	Carer 2001	help0
Ethnicity & Religion	Ethnic Group 2001	ethgrp0
	Ethnicity 2001	ethp0
	Practising religion 2001 (voluntary question)	relp0
	Country of birth 2001	cobp0
Family & Household	Relationship to LS member 2001	lsrelat0
	Family reference person	frpp0
	Household reference person	hrpp0
	Family status 2001	fmsp0
	Family type 2001	fntfam0
	Generation in family 2001	geninf0
	Family type in generation 1. 2001	ft10
	Family type in generation 2. 2001	ft20
	Number of dependent children in household 2001	dpch0
	Household size 2001	sizh0
	Household composition 2001	hhch0
	Minimal Household type 2001	mhutyp0
	Position of LS member within MHU 2001	mhupos0
Combination of MHUs within household 2001	mhucom0	