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Harmonized ELSA Documentation

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Preface

The English Longitudinal Study on Ageing (ELSA) is a longitudinal household survey dataset for the study of health, economic position, and quality of life among the elderly. It was modeled after the Health and Retirement Study (HRS), a similar longitudinal survey dataset in the United States. Part of the reason for the close connection is to allow cross-country comparisons using these data.

To facilitate such comparisons, we, with funding and support from NIA, have created the Harmonized ELSA files. To make the data more accessible to researchers, the RAND Center for the Study of Aging created the RAND HRS, a user-friendly version of a subset of the HRS. It contains cleaned and processed variables with consistent and intuitive naming conventions, model-based imputations and imputation flags, and spousal counterparts of most individual level variables. Following the RAND HRS, we have created a user-friendly version of a subset of the ELSA.

Harmonized ELSA includes variables with names and definitions that mimic corresponding RAND HRS variables as closely as possible. This document describes these data. Note, however, that ELSA license agreements do not allow us to disseminate the data directly. Instead, ELSA distributes the Harmonized ELSA dataset as part of its data files, which it makes available on the Economic and Social Data Service (ESDS) at http://www.esds.ac.uk/findingData/elsaTitles.asp. We also make available a Stata script ("do file") that generates these derived variables from the original ELSA data files that the user must obtain from the ESDS. Additional information about ELSA can be obtained from ELSA's website at http://www.elsa-project.ac.uk/.

The Harmonized ELSA initiative is part of a larger set of projects carried out by the USC Center for Global Aging Research to increase the availability and ease of use for data sets on aging around the world. In addition to the RAND HRS and Harmonized ELSA, this includes Harmonized SHARE (Europe + Israel), Harmonized KLoSA (South Korea), Harmonized JSTAR (Japan), Harmonized CHARLS (China), Harmonized LASI (India), Harmonized MHAS (Mexico), Harmonized TILDA (Ireland), and Harmonized CRELES (Costa Rica) data. This also includes a searchable website, https://g2aging.org/, with questionnaires, country-level data, and other meta-information on a larger number of related data sets to facilitate the creation of customized datasets using variables from the original data sets and the harmonized ones.

We are grateful for the continuing support of and funding from NIA. In interpreting the ELSA data, we greatly benefited from the help and insights of ELSA staff members, particularly James Banks, James Nazroo, Zoe Oldfield, Natasha Wood, and Margaret Blake. We have greatly benefited from the discussions with and the suggestions from our colleagues Arie Kapteyn, Jim Smith, Michael Hurd, Erik Meijer, Marco Angrisani, Susann Rohwedder, Bas Weerman, Kevin Feeney, and Jeremy Lupoli.

Requested Acknowledgment

We ask all users of the Harmonized ELSA to please inform our team of any written analysis using data from the Harmonized ELSA or information from the Harmonized ELSA Codebook by sending an email to papers@g2aging.org. We also ask users to include the following acknowledgement in their written work: "This analysis uses data or information from the Harmonized ELSA dataset and Codebook, Version E as of April 2017 developed by the Gateway to Global Aging Data. The development of the Harmonized ELSA was funded by the National Institute on Aging (R01 AG030153, RC2 AG036619, 1R03AG043052). For more information, please refer to www.g2aging.org."

ELSA Version and Acknowledgment

This document uses data from the 27th edition of the ELSA, released March, 2017. ELSA is the result of collaboration between University College London (UCL), the Institute for Fiscal Studies (IFS), and NatCen Social Research. Other academic collaborators based at the Universities of Cambridge, Exeter and East Anglia provided expert advice on specific modules. Funding for the first six waves of ELSA has been provided by the US National Institute on Aging, and a consortium of British Government departments, which are listed below:

- Department of Health;
- Department for Transport;
- Department for Work and Pensions;
- Communities and Local Government (formerly Office of the Deputy Prime Minister);
- HM Treasury;
- Department of Environment, Food and Rural Affairs;
- HMRC (formerly Inland Revenue and HM Customs and Excise);
- Office for National Statistics.

Contents

What's New in Version E of the Harmonized ELSA?

Version E incorporates the latest released version of ELSA data, which includes ten main modules and the associated datasets. It contains 18,489 observations or rows. It is a respondent-level file so each row represents a unique Respondent. It also adds new variables and makes adjustments and corrections.

We added Wave 7 data into the current version and applied it to all ten modules.

We have added the following variables to the file:

Demographics and Identifiers:

- We added **RAEDUCL**, a harmonized education level.
- We added **RABCOUNTRY**, whether the respondent was born in the country of interview.

Health:

- We added **RwSMOKEF**, the number of cigarettes that the respondent smokes per day.
- We added several ever diagnosed variables; **RwHCHOLE, RwCATRCTE, RwPARKINE, RwHIPE, RwALZHE** and **RwDEMENE** indicate whether the respondent has ever had high cholesterol, ever had cataracts, ever had Parkinson's disease, ever had hip fracture, ever had Alzheimer's disease and ever had dementia, respectively. We also added flag variables for each of the added doctor diagnosed health problem.

Cognition:

- We added the following variables in cognition module. **RwBWC20**, whether the respondent was able to successfully count backwards for 10 continuous numbers from 20. **RwSER7** provides the numbers of correct subtractions in the serial 7's test. **RwSCIS** and **RwCACT**, whether the respondent was able to correctly name the object scissors and cactus, respectively, based on a verbal description. **RwMNRC**, **RwPM** and **RwPRES** indicate whether the respondent was able to correctly name the current monarch, prime minister and the president of the United States.

Assets:

- We added **HwAHOWN**, whether the respondent and/or spouse owns their home.

Employment and history:

- We added **RwJPRESS**, which indicates if the respondent is under pressure due to workload.

Family History:

- We added the following variables in the family module. **RwDAU** and **RwSON,** which are the number of the respondent's living daughters and sons.

RwGRCHILD_E indicates the number of grandchildren/ great-grandchildren of the respondent.

We have made the following adjustments, improvements, and corrections to the data and documentation:

Demographics and Identifiers:

- We made an adjustment to how we identify whether the respondent responded to a self-completion survey in wave 6 and wave 7. These two waves have not yet been included in the Index file, as such, there is no derived variable that can be used. In this case, we assumed if the respondent answered at least one question in the self-completion survey, we consider the respondent to have responded to a self-completion survey. We now provide RAEDUCL to provide a more simplified version of internationally comparable educational achievement.

Income:

- We adjusted the period of time for, food consumption outside house and the total food consumption from 1 week to 1 month.

Family:

- Instead of using the core data file that ELSA has provided to create the number of people in household, number of living children, number of living siblings, number of living parents and parental mortality, we now used derived variables from the ifs_derived file to take advantage of additional information for the number of people in household (both adults and children), number of living siblings, whether mother is still alive, mother's age if still alive/when she died, whether father is still alive, father's age if still alive/when he died, and we also use the list of children to count how many children they have.

Employment and history:

- We changed the variable naming from RwJPHYS_E to RwJPHYSA, which indicates whether there is a level of physical effort at current job, in order to be more compatible with other harmonized datasets.

Pension:

- Instead of using the pension grid file to create the following variables: currently receiving any private pension, number of private pensions currently receiving, any pension from current job, number of pensions from current job, and type of pension from current job, we now use the ifs_derived file which already has derived variables for number of private pensions from which receiving income, currently receiving income from a private pension, number of occupational pensions currently contributing to, number of DB/DC/not known occupational pensions currently contributing to, currently contributing to an occupational pension, and currently contributing to a DB/DC/not known occupational pension.

1. Introduction and Overview

This report documents the Harmonized ELSA data files, a streamlined collection of variables derived from the English Longitudinal Survey of Ageing (ELSA). ELSA is a panel survey of people aged 50 and over and their partners, living in private households in England. Its main goal is to provide an interdisciplinary data resource on health, economic position and quality of life as people age. The survey elicits information about demographics, income, assets, health, cognition, family structure and connections, health care use and costs, housing, job status and history, expectations, and insurance.

ELSA is supported by collaboration between National Centre for Social Research, Institute for Fiscal Studies, University College of London, Department of Epidemiology and Public Health, and The University of Manchester School of Social Sciences. The samples have been drawn from households which previously responded to the Health Survey for England (HSE). The first wave of ELSA was conducted between March 2002 and March 2003. This initial sample included 11,050 respondents aged 50 and over on March 1, 2002. The second wave was conducted between June 2004 and June 2005. The third wave was conducted between May 2006 and August 2007 and included a refreshment sample selected from HSE 2001-04. The refreshment sample consisted of individuals aged between 50 and 53 and their partners. The fourth wave was conducted between May 2008 and July 2009 and included a refreshment sample selected from HSE 2006. The refreshment sample consisted of individuals aged between 50 to 74 and their partners. The fifth wave was conducted between June 2010 and July 2011. The sixth wave was conducted between May 2012 and June 2013 and included a refreshment sample selected from HSE 2009-2011. The refreshment sample consisted of individuals aged between 50 and 55 and their partners. The seventh wave was conducted between June 2014 and May 2015 and included a refreshment sample selected from HSE 2011-2012. The refreshment sample consisted of individuals aged between 50 and 51 year and their partners.

The data include any individual interviewed at least once. This includes individuals who were age-eligible (born in eligible years) at the time of their first interview, spouses who were not age-eligible at baseline, and spouses who married an age-eligible respondent between survey waves.

The ELSA data contain several auxiliary files. The Harmonized ELSA data file incorporates the core interview data, financial derived variables data, derived variables data, nurse data, life history data, pension gird, and the index file. It does not include any data which is not public release.

Documentation of the ELSA methodology can be found in English Longitudinal Study of Ageing (ELSA) - Wave 1 to Wave 7 - User Guide to the core datasets (2016).

1.1. Gateway to Global Aging Data

The Health and Retirement Study (HRS) has achieved remarkable scientific success, as demonstrated by an impressive number of users, research studies, and publications using it. Its success has generated substantial interest in collecting similar data as population aging has progressed in every region of the world.

The result has been a number of surveys designed to be comparable with the HRS: the Mexican Health & Aging Survey (MHAS), the English Longitudinal Study of Ageing (ELSA), the Survey of Health, Ageing and Retirement in Europe (SHARE), the Korean Longitudinal Study of Aging (KLoSA), the Japanese Study on Aging and Retirement (JSTAR), the Irish Longitudinal Study on Ageing (TILDA), the China Health and Retirement Longitudinal Study (CHARLS), and the Longitudinal Aging Study in India (LASI). The overview of this family of surveys, including their research designs, samples, and key domains can be found in Lee (2010).

As these surveys were designed with harmonization as a goal, they provide remarkable opportunities for cross-country studies. The value of comparative analyses, especially the opportunities they offer for learning lessons resulting from policies adopted elsewhere, is widely recognized. Yet there are only a limited number of empirical studies exploiting such opportunities. This is partly due to the difficulty associated with learning multiple surveys and the policies and institutions of each country.

Identifying comparable questions across surveys is the first step toward cross-country analyses. The Gateway to Global Aging Data (G2G) helps users understand and use these large-scale population surveys on health and retirement. The G2G includes several tools to facilitate cross-national health and retirement research. It includes a digital library of survey questions for all participating surveys. Its search engine enables users to find relevant survey questions. The G2G also includes a concordance with information comparing measures within and across surveys over time. Using these tools, researchers can identify all questions related to particular key words or within a domain. The G2G also includes population and sub-population estimates for key harmonized variables.

The G2G can be accessed at www.g2aging.org. For more information about using the G2G visit the Help page. For more information about obtaining the Harmonized ELSA from ESDS or downloading the Stata file used to create the Harmonized ELSA using the G2G see “Chapter 4. Distribution and Technical Notes.”

1.2. Units of Observation

We distinguish between three units of observation: individual, couple, and household. A "couple" in this sense means "single individual, or individual with his/her spouse, whatever applicable". In ELSA, once it was determined that there was an age-eligible member of the household, all age-eligible household members and their spouses or partners were eligible for interviewing, regardless of their age. As a result, there are households in the data in which more than one "couple" is interviewed, for example, a husband and wife who were older than 50 and the mother of one of them.

In the HRS, an age-eligible individual is sampled and then this individual and his or her spouse or partner is interviewed, but no other household members, even if they are age-eligible. Thus, in the HRS, there is usually no distinction between a "couple" and a "household". More precisely, "household" variables in the HRS (and the RAND HRS) are actually "couple" variables. But, as mentioned above, in ELSA, a household may consist of more than one "couple".

ELSA provides a limited amount of information about household members who are not interviewed. The household respondent provides information on all household members including, age, sex, marital or partner status, and the relationships between all household members. Only individuals over 50 and their spouses or partners are selected for a subsequent interview. In our files, we do not include non-respondents, and thus in particular we do not include the information about household members who were not eligible to be interviewed.

1.3. Data File Structure

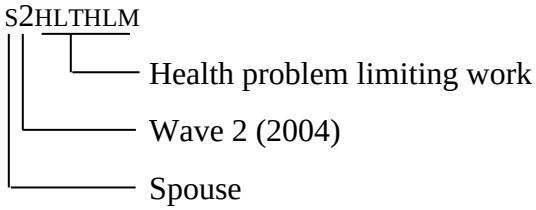
The Harmonized ELSA data are contained in a single file which includes the first six waves of ELSA. The data are stored in a “fat format” where each observation represents one respondent. The unit of observation is the individual. Each individual is uniquely identified by the unique identifier mergeid. Households are identified by wave-specific HHwHHID where ‘w’ refers the specific wave. Couples are identified by wave-specific HwCOUPID where “w” refers to the specific wave. It is important to note that unlike the RAND HRS, households in the ELSA can include multiple couples. This file may be merged with other ELSA data using idauniq. The Harmonized ELSA data are disturbed as part of the ELSA data.

1.4. Variable Naming Convention

With few exceptions, variable names in the Harmonized ELSA Data follow a consistent pattern. The first character indicates whether the variable refers to the reference person (“R”), spouse (“S”), the full household (“HH”), and a financial unit household (“H”).[1] [2] The second character indicates the wave to which the variable pertains: “1”, “2”, “3”, “4”, “5”, “6” , “7”or “A”. The “A” indicates “all,” i.e., the variable is not specific to any single wave. An example is RABDATE, the birth date of the respondent. The remaining characters describe the concept that the variable captures. For example:

[1] The reference person need not be the person who responded to the question. It is the person whose information is central to the data file observation.

[2] A financial unit household is comprised of either a single person or two-people determined by ELSA to be a couple. The financial unit household is imperative for comparisons to the RAND HRS definition of a household.



Variable S2HLTHLM captures whether the spouse of the reference person experiences an impairment or health problem that limits the kind or amount of paid work he/she can do. The name of the variable does not indicate who provided the information. For example, the spouse's health problem may have been reported by the spouse himself or herself, or it may have been reported by the reference person as a proxy. The ELSA obtains many variables, particularly on financial and family matters, reported by a proxy.

In the text below, we may refer to variables such as SWHLTHLM for example, without specifying the wave. This reference points at the group of variables S1HLTHLM, S2HLTHLM, S3HLTHLM, S4HLTHLM, S5HLTHLM, S6HLTHLM, S7HLTHLM.

Variable labels also follow a consistent pattern. The first characters denote the name of the variable, followed by a colon. Then the wave to which the variable pertains (W1, W2, W3, W4, W5, OR W6) follows. The remainder of the label describes the concept that the variable captures. For example, the variable label of S2HLTHLM is:

```
S2HLTHLM:W2 Hlth problems limit work
```

It may seem duplicative to include the name of the variable and the wave in the variable label. However, statistical packages often suppresses the variable name and instead uses its label in the presentation of results.

Variable names in the Harmonized ELSA are generally based on the variable name used in the RAND HRS for the same measure. Measures which are exactly or near-exactly comparable between the Harmonized ELSA and RAND HRS use the exact same name. For instance RABYEAR is the variable name for the respondent birth year in both the Harmonized ELSA as well as the RAND HRS. If the Harmonized ELSA measure is deemed only somewhat comparable with RAND HRS version of that measure, the variable name in the Harmonized ELSA will often end in "_E." This variable name suffix indicates some ELSA-specific difference with RAND HRS version of this measure. For instance the Harmonized ELSA variable labor force status is named RwLBRF_E while the RAND HRS variable for lablor force status is named RwLBRF. The reason for this difference in variable name is that the ELSA used a different set of labor force statuses than the HRS. Other reasons for Harmonized ELSA-specific variable names include: differences in survey questions, differences in survey routing, and whether both sets of variables use imputed values. Harmonized ELSA-specific variable names are used to notify the user that there are substantial differences between the RAND HRS and Harmonized ELSA measure and clean harmonization between these measures is not possible.

The Harmonized ELSA includes some variables without Harmonized ELSA-specific variable names even though the Harmonized ELSA measure is significantly different from the RAND HRS measure of the same name. In particular wealth and income measures in the Harmonized ELSA do not use Harmonized ELSA-specific variable names even though wealth and income measures in the Harmonized ELSA are expressed in nominal pounds while income and wealth measures in the RAND HRS are always expressed in nominal dollars. Users should always check the "Differences with RAND HRS" section of each measure before comparing any Harmonized ELSA measure to the RAND HRS version of the same measures or any other Harmonized Dataset version of the same measure.

1.5. Missing Values, Nonresponse, and Imputations

Variables may contain missing values for several reasons. Stata offer the capability to distinguish multiple types of missing values, and we have attempted to record as much information as possible. Generally, the codes adhere to the classification in Table 1.

Table 1. Missing Codes

Code	Reason for missing
.	Reference person did not respond to this wave
.d	Don't know
.r	Refused
.n	N/A
.u	Reference person is not married (for spouse variables)
.v	Spouse did not respond this wave (for spousal variables)
.m	Other missing

The coding scheme varies across variables. Consult the Data Codebook for details on individual variables.

Item nonresponse for many variables is handled by imputation. ELSA uses a conditional hot-deck imputation procedure which is significantly different from the regression based imputation procedures used by the RAND HRS. Also different from the RAND HRS, ELSA does not impute values for respondents whose interview was conducted in an institution. A detailed description of ELSA's imputation strategy is provided in "Financial Derived Variables and Imputation Procedures" (2015). ELSA uses a conditional hot-deck imputation procedure.

1.6. Weighting and Accounting for Survey Design

The Harmonized ELSA includes variables to allow users to produce weighted estimates with survey design adjusted standard errors where provided by ELSA. ELSA data can be analyzed cross-sectionally or longitudinally. Cross-sectional analysis uses one wave of data. Longitudinal analysis involves using multiple waves of data to analyze the change between those waves. If

possible ELSA recommends conducting analysis on weighted data to help minimize the bias from differential non-response among key sub-groups. Because ELSA is a longitudinal study and non-response to one wave increases the likelihood of non-response to the next wave it is especially import to account for differential non-response when conducting analysis using later waves of ELSA.

All weights provided by ELSA are only calculated for core members living in private households who responded to the survey, included partial response and response by proxy. All other respondents have zero weights including, core member living in institutions and partners of core members. When performing weighted analysis, core members in institutions and non-core members should be excluded. Unlike the HRS, ELSA does not provide separate weights for households. Instead ELSA suggests that the person-level analysis weights should also be used to weight households.

ELSA produces two types of respondent-level weights for the core survey, cross-sectional weights and longitudinal weights. ELSA's Wave 1 cross-sectional weight was calculated as the inverse of the predicted probability of response at two-stages, consent of age-eligible individuals to be re-interviewed post-HSE and agreement to be interviewed for ELSA Wave 1. The weight was then calibrated to match the weighted responding sample to the population of interest, accounting for non-response to the HSE. The Wave 3 cross-sectional weight was calculated separately for two different groups, the original sample chosen from HSE 1998-2001 and the refreshment sample chosen from HSE 2001-2004. The two calculations were similar, the inverse of the predicted probability of response at two-stages, consent of age-eligible individuals to be re-interviewed post-HSE and agreement to be interviewed for ELSA Wave 3. The resulting values were then calibrated so that both weighted responding samples match to the population of interest, taken from the 2006 household population estimates by ONS. All cross-sectional weights following the Wave 3 cross-sectional weight are produced in the same manner as the Wave 3 cross-sectional weight, splitting up the sample into groups based on the HSE survey the respondent was originally sampled from, calculating the inverse of the predicted probability of response for each group at the two-stages, and calibrating the combined weight to match the population of interest.

Starting in Wave 2 ELSA produces respondent-level longitudinal weights for the core survey. ELSA's Wave 2 longitudinal weight was calculated as the inverse predicted probably of response to the Wave 2 survey among Wave 1 respondents who were eligible for Wave 2. This weight was then multiplied by the Wave 1 weight giving only respondents who participated in both Wave 1 and Wave 2 a longitudinal weight. ELSA's Wave 3 longitudinal weight was calculated as the inverse predicted probably of response to the Wave 3 survey among respondents who responded to both Wave 1 and Wave 2 and who were eligible for Wave 3. The longitudinal weight was then multiplied by the Wave 2 weight, giving only respondents who participated in all waves a longitudinal weight value. All longitudinal weights following the Wave 3 longitudinal weight are designed in a similar manner to the Wave 3 longitudinal weight, calculating the inverse predicted probability of response among respondents who responded to all previous waves and multiplying that weight by the previous wave's longitudinal weight.

ELSA also produces respondent-level cross-sectional weights for the self-completions survey. The self-completion survey was completed by between 80% - 90% of the core sample. None-response to the self-completion was not random among core sample respondents so ELSA provided self-completion weights for users implementing measures of wellbeing, quality of life, and social circumstances included in the self-completion survey. The cross-sectional self-completion weights are calculated in a similar method to the core survey cross-sectional weights.

In addition to weights ELSA also provides some stratification and cluster variables to account for ELSA's complex survey design. Currently stratification and cluster variables are only available for Wave 1 and 2 of ELSA. While ELSA provides one panel-level cluster measure, the strata measures provided by ELSA are wave-specific and cannot be combined as they use different scales. Given these limitations survey design adjusted standard errors can only be produced for cross-sectional analysis on Wave 1 and Wave 2. When performing longitudinal analysis or cross-sectional analysis on Waves 3 or later, it is important to remember that standard errors have not been adjusted to account to account for ELSA's complex survey design. The standard errors produced by analysis without adjustment for complex survey design will probably be smaller than they should be. See ELSA Wave 1 Technical Report for a comparison between true standard errors and uncorrected standard errors.

Stata includes the facility to account for survey design using svy commands. Prepare the data for analysis using the svyset command. For instance if we were interested in conducting a cross-sectional analysis on Wave 1 core survey data we could use the following svyset command:

```
svyset raeclust [pweight=r1cwtresp], strata(r1strat)
```

Using this weighted and survey design adjusted data we could use one of Stata's many svy estimation commands to produce weighted estimates with corrected standard errors. For instance if we wanted to estimate the frequency of smoking we could use the following svy command:

```
svy, subpop(r1cohort_e==1): proportion r1smoken
```

making sure to exclude any non-core sample members from our estimation using the svy subpop option.

2. Wealth and Income Variables

2.1 Units of Observation and financial respondent

It is important to distinguish the unit of observation for ELSA wealth and income measures because financial questions can be asked about the individual, the individual and a spouse, and all household respondents and their spouses. In ELSA all age-eligible household members and their spouses or partners were eligible for interviewing. ELSA does not impute values for non-responding spouses, so couple-level financial variable where one spouse is missing are left missing.

For married or cohabiting couples, ELSA asks income and asset questions at the individual level or at the couple level, depending on whether the spouses kept their finances separate or together. If finances were kept together, one spouse was designated as the financial respondent, who answered the income and asset questions for the couple. If spouses kept finances separate each individual in the couple answered the income and asset questions for themselves. Pension questions are always asked at the individual level.

Some asset variables, namely, value of the house, mortgages or loans on the house, and other real estate, are asked of the housing respondent on behalf of the whole household. Note that it is a requirement that this individual is a respondent and thus must be otherwise eligible for interview, that is, be 50 years or older or the spouse or partner of someone 50 or older. Even though ELSA asks these questions at the full-household level, some of these measures are transformed to couple-level in the ELSA financial derived variable files by attributing the wealth only to the individuals who are named on the property (and their spouses) and where owners are in different couple units, dividing housing wealth accordingly.

For harmonization purposes, we need to use the same unit of observation in the different harmonized data sets, and because the HRS does not have information on wealth and income of household members outside the couple and does not have individual-level asset information, the unit of observation is the individual for certain income variables (earnings, pensions, and benefits) and the couple-level for other income variables (e.g. asset income) and wealth variables. Thus, in constructing our couple-level variables, we ignore income and wealth from household members outside the couple. These couple-level variables can be compared to the RAND HRS income and wealth household measures.

ELSA's financial derived variables files provide asset and income variables at both the individual and the household level. Given our emphasis on harmonization, we combine the individual-level asset and income variables into couple-level variables for those variables for which the RAND HRS provides couple-level variables. ELSA does not impute values for non-responding spouses in all situations, so couple-level financial variable based on the combination of individual-level variables when spouse information is missing are left missing. More information

on ELSA Financial Variables and their imputations can be found in Financial Derived Variables User Guide (2015).

2.2. Currency

All ELSA financial variables are expressed in current pounds.

ELSA asset questions are asked about current asset values.

ELSA income questions use a variety of different timings. Some income questions ask for income in the last month, some ask for income in the last year, and other ask for income over both last month and last year. There are also income questions which ask the average weekly or monthly value in the last 12 months. Additionally, other income variables ask the time period covered by a usual payment and then ask the usual value for a payment. Additionally still, other income variables ask the time period covered by a last payment and then ask the usual value for that last payment. Even though ELSA uses a variety of timings when asking income questions all of these income measures are expressed as weekly equivalents in the ELSA financial derived variable files. For Harmonization purposes all financial variables in the Harmonized ELSA are expressed in yearly equivalents. These income variables expressed in yearly equivalents can be compared to the RAND HRS income measures.

2.3. Differences between Harmonized ELSA and RAND HRS

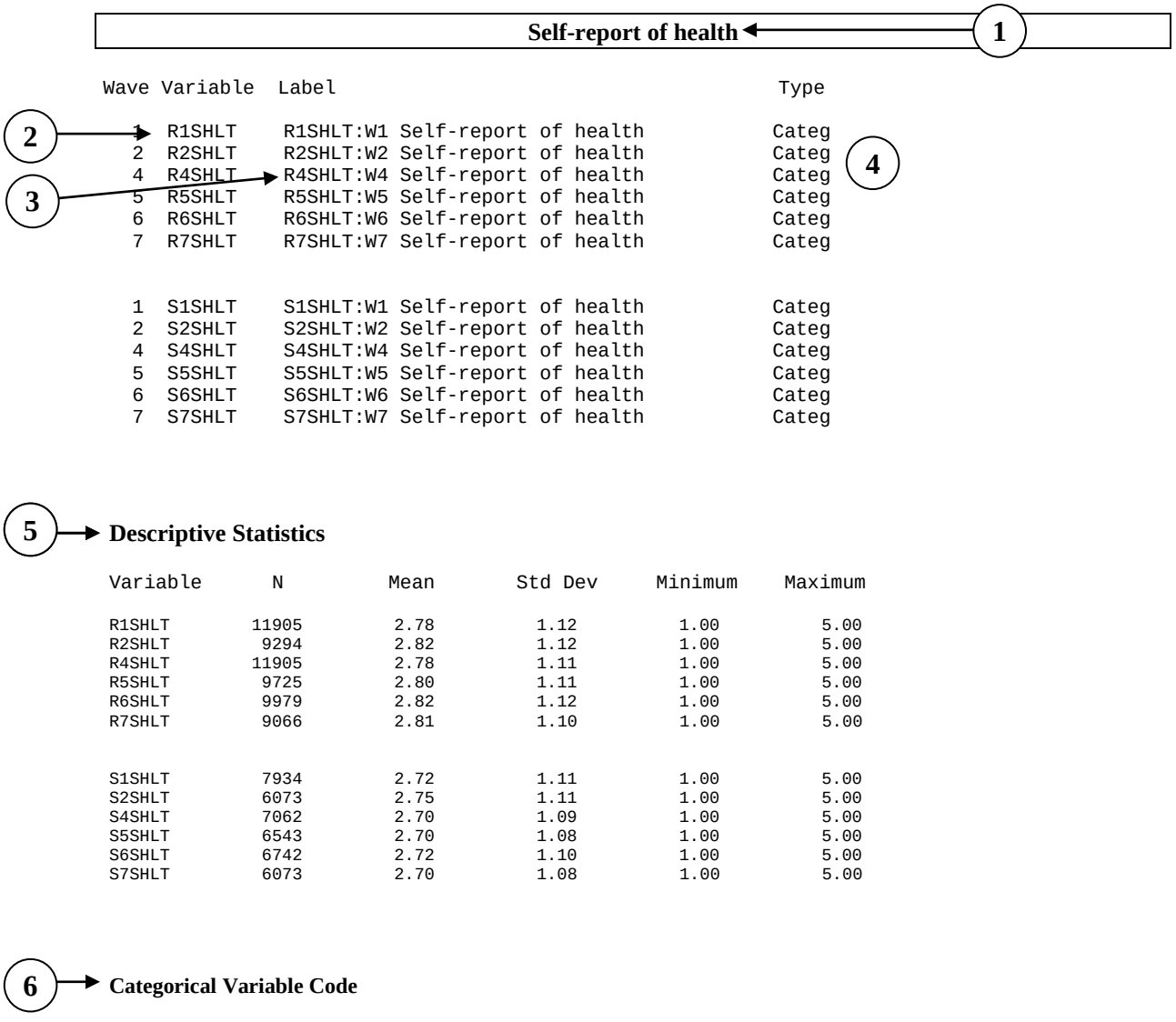
Harmonized ELSA is intended to be as comparable to the RAND HRS as possible. See Chien et al. (2015) for the documentation of the RAND HRS. However, there inevitably remain some differences between the two data sets. In the codebook, notable differences in definition, construction, or question text between the variables in Harmonized ELSA and the corresponding variables in the RAND HRS are indicated on a per variable basis. For a full list of those RAND HRS measures which are not available in the Harmonized ELSA see www.g2aging.org.

Furthermore, the imputation flags in the Harmonized ELSA are slightly different from the imputation flags in the RAND HRS. This is because the imputation flags in the RAND HRS categorize values which are imputed using information obtained from an unfolding bracket sequence as either complete or incomplete bracket, referring to whether the respondent completed the entire bracket sequence. In the Harmonized ELSA values which are imputed using information obtained from an unfolding bracket sequence are either categorized as closed range or open range, referring to whether the bracket sequence (regardless of whether it was completed) yielded an open range of the form more than x amount or a closed range of the form between x amount and y amount. Both categorizations attempt to provide information about how much information was available for the imputation but the two categorization are not directly comparable. Harmonized ELSA imputation flags also include 2 codes not found in the RAND HRS imputation flags. These two additional codes identify cases

were an imputation was not derived either because the interview was conducted in a nursing home or because of a non-responding spouse.

3. Structure of Codebook

The Data Codebook contains the codebook documenting all variables in the Harmonized ELSA Data. This section explains how to interpret the codebook entries. The figure below shows a typical codebook page; the numbers in circles correspond to comments below.



Value	R1SHLT	R2SHLT	R4SHLT	R5SHLT	R6SHLT	R7SHLT
.d:DK	14	5	4	8	4	3
.m:Missing		9				
.p:proxy	175	123	446	537	614	597
.r:Refuse	5	1	6	4	4	
1.excellent	1576	1179	1353	1180	1212	1076
2.very good	3467	2598	3091	2902	2892	2640
3.good	3709	2934	3375	3094	3156	2989
4.fair	2264	1877	1994	1792	1919	1682
5.poor	889	706	781	757	800	679

Value	S1SHLT	S2SHLT	S4SHLT	S5SHLT	S6SHLT	S7SHLT
.d:DK	10	4	2	6	3	3
.m:Missing		7				
.p:proxy	122	93	333	418	494	484
.r:Refuse	4	1	5	1	3	
.u:Unmar	3561	2671	2932	2742	2802	2548
.v:SP NR	468	583	716	568	557	558
1.excellent	1135	838	984	872	914	817
2.very good	2404	1788	2198	2092	2081	1917
3.good	2495	1926	2282	2105	2160	1992
4.fair	1361	1116	1172	1069	1152	981
5.poor	539	405	426	401	435	366

7 → **How Constructed**

RwSHLT is the respondent's self-reported general health status using a scale ranging from Excellent to Poor. Codes range from 1 to 5. This scale of self-reported general health status is used in the 1st wave, 2nd wave, and every other wave following Wave 2 of the ELSA. Don't know, refused, or other missing responses to RwSHLT are assigned special missing values .d, .r, .m respectively. RwSHLT is set to special missing (.p) if the health status question was skipped because the interview was by proxy. RwSHLT is set to plain missing (.) for respondents who did not respond to the current wave.

SwSHLT is the respondent's spouse's self-reported general health status taken directly from spouses' values of RwSHLT. In addition to the special missing codes used in RwSHLT, SwSHLT employs two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

8 → **Cross-Wave Differences in ELSA**

The first scale of self-reported general health status is used in every wave except the 3rd wave of the ELSA. The second (alternative) scale of self-reported general health status is used in the 1st wave and 3rd wave of the ELSA.

9 → **Differences with the RAND HRS**

Unlike the HRS, the ELSA varied when the respondent was asked RwSHLT inside the health module during Wave 1. R1SHLTF indicates this timing.

Unlike the HRS, ELSA also employs a second scale of self-reported general health status. HwSHLTA is the respondent's self-reported general health status using a scale ranging from Very Good to Very Bad.

10 → **ELSA Variables Used**

```
Wave 1 Core:
    HEHELF     Would you say your health is ... ? {start of section}
    HEHELFB    How is your health in general? Would you say it was …? {end of section
Wave 2 Core:
    HEHELF     self-reported general health
Wave 4 Core:
    HEHELF     self-reported general health
Wave 5 Core:
    HEHELF     self-reported general health
Wave 6 Core:
    HEHELF     self-reported general health
Wave 7 Core:
    HEHELF     self-reported general health
```

1. *Title*: The variables are documented in groups according to the concept that they measure. For example, there are eight variables related to self-reported health, corresponding to four waves and respondent/spouse. The title is often followed by a short description of the concept that is captured.

2. *Variable Names*: This entry shows the waves of variables in the group. Not all waves are present for all variables. For example, R1SHLT is available for the first wave but R3SHLT wasn't created for the third wave because the US version of self-reported health wasn't asked in ELSA Wave 3.

3. *Variable Labels*: This entry shows the Stata variable labels. As discussed above, the labels typically include the name of the variable, the file on which it is present, and a description of its contents.

4. *Variable Type*: This entry indicates the type of variable. It may be continuous (Cont), categorical (Categ), or character (Char).

5. *Descriptive Statistics*: This entry shows descriptive statistics on each variable. They include the number of nonmissing values, the mean, standard deviation, minimum value, and maximum value.

6. *Categorical Value Codes*: This entry shows the value label codes. These are only relevant for categorical variables. The first character(s) of the value labels indicate the value to which each label has been assigned. For example, value "1" is mapped into "1. Excellent" (not just "Excellent"). The entry also indicates which labels are assigned to which variables, and shows frequency tabulations for all categorical variables.

7. *How Constructed*: This entry provides background on the manner in which variables were constructed.

8. *Cross-Wave Differences in ELSA*: This entry briefly describes differences in question wording or contents between interview waves.

9. *Differences with the RAND HRS*: This entry describes any differences between the RAND HRS version of the variable and the Harmonized ELSA version of the variable. It is imperative these differences are understood when using harmonized measures.

10. *ELSA Variables Used*: This entry provides the names and labels of raw ELSA variables that were used to construct the new variables.

4. Distribution and Technical Notes

The Harmonized ELSA Data file is distributed by Economic and Social Data Service (ESDS) along with the original ELSA data. The Harmonized ELSA Data file is made available free of charge but only to users who register with ESDS and agree to the standard conditions. For more information on obtaining access to the ELSA data visit: https://discover.ukdataservice.ac.uk/series/?sn=200011.

The Harmonized ELSA Data file is distributed in Stata, SAS, SPSS, and tab delimited dataset formats.

This is version ***E*** of the Harmonized ELSA Data.

A copy harmonized ELSA and a copy of this Harmonized ELSA Codebook can be obtained on the Gateway to Global Aging Data (www.g2aging.org) under the Download tabs.

5. Data Codebook

Section A: Demographics, Identifiers, and Weights

Person Specific Identifier

Wave	Variable	Label	Type
1	IDAUNIQ	Unique individual serial number	Cont
1	IDAUNIQC	unique individual serial number /6-char	Char
1	PN	person number within household	Cont
1	PNC	person number within household (char)	Char

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
IDAUNIQ	18489	128347.81	30431.74	100001.00	900034.00
PN	18489	1.43	0.58	1.00	10.00

How Constructed

ELSA identifies individual respondents with a unique id. IDAUNIQ is the numeric version of the respondent identifier used by ELSA. IDAUNIQ identifies respondents throughout all waves. IDAUNIQC is the 6-character version of the respondent identifier used by ELSA, with leading zeros. For example if the unique identifier in ELSA is 012345 then IDAUNIQ is 12345 and IDAUNIQC is “012345”.

IDAUNIQ and IDAUNIQC should be used for merging since they are the only identifiers that track respondents between waves.

PN is the 2-digit person number obtained from the household grid. A person number was assigned to each person in the household at the time of the HSE interview. The numbering was continued for new household members. Like the RAND HRS, ELSA retains person number over different waves. PNC is the 2-character version of the person number, with leading zeros. For example if the person number in ELSA is 2 then PN is 2 and PNC is “02”.

Cross Wave Differences in ELSA

Because Wave 6 and Wave 7 are not currently included in the ELSA index file, both the unique individual serial number and the person number within the household for respondents who joined the sample in wave 6 and wave 7 are not derived from the index file but from the wave specific core data.

Differences with the RAND HRS

Unlike the RAND HRS, household identifiers change between waves so PN cannot be combined with a household identifier to form a unique identifier between waves.

The RAND HRS uses HHIDPN and RAHHIDPN to uniquely identify individuals.

ELSA Variables Used

Index File:		
	IDAUNIQ	unique individual serial number
	PERSNO	person number within household
Wave 6 Core:		
	IDAUNIQ	unique individual serial number
	PERID	household number (persno)
Wave 7 Core:		
	IDAUNIQ	unique individual serial number
	PERID	person number (persno)

Household Identifier

Wave	Variable	Label	Type
1	HH1HHID	wave 1 specific household serial number /num	Cont
2	HH2HHID	wave 2 specific household serial number /num	Cont
3	HH3HHID	wave 3 specific household serial number /num	Cont
4	HH4HHID	wave 4 specific household serial number /num	Cont
5	HH5HHID	wave 5 specific household serial number /num	Cont
6	HH6HHID	wave 6 specific household serial number /num	Cont
7	HH7HHID	wave 7 specific household serial number /num	Cont
1	HH1HHIDC	wave 1 specific household serial number /5-char	Char
2	HH2HHIDC	wave 2 specific household serial number /5-char	Char
3	HH3HHIDC	wave 3 specific household serial number /5-char	Char
4	HH4HHIDC	wave 4 specific household serial number /5-char	Char
5	HH5HHIDC	wave 5 specific household serial number /5-char	Char
6	HH6HHIDC	wave 6 specific household serial number /5-char	Char
7	HH7HHIDC	wave 7 specific household serial number /5-char	Char

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1HHID	12351	13962.13	2290.39	10001.00	17935.00
HH2HHID	9746	13135.22	1806.14	10001.00	16277.00
HH3HHID	10331	13263.50	1889.94	10001.00	20021.00
HH4HHID	11478	13659.13	2106.18	10001.00	17286.00
HH5HHID	10841	13361.69	1946.52	10000.00	16731.00
HH6HHID	10601	13458.44	2002.32	10001.00	16931.00
HH7HHID	9666	13169.36	1829.05	10001.00	16342.00

How Constructed

HHwHHID is the numeric version of the household identifier used by ELSA. HHwHHID uniquely identifies a household in a given wave. HHwHHIDC is the 5-character version, with leading zeros. For example, if the household identifier is 01234 then HHwHHID is 1234 and HHwHHIDC is “01234”.

HHwHHID and HHwHHIDC do not uniquely identify households across waves as the household id changes in every wave of ELSA. Therefore, neither of these variables should be used for merging.

Cross Wave Differences in ELSA

Because Wave 6 and Wave 7 are not currently included in the ELSA index file, these two waves' household identifier is not derived from the index file but from the wave specific core data.

Differences with the RAND HRS

Unlike the HRS, ELSA was conducted on any eligible individual present at the household during the time of the interview. In this regard, there are households which contain a couple and other uncoupled individuals or households with two or more uncoupled individuals. The use of a couple ID is imperative for identifying sub-households and for comparison to the RAND HRS concept of household.

ELSA Variables Used

Index File:

IDAHHW1	analytical wave 1 household serial number
IDAHHW2	analytical wave 2 household serial number
IDAHHW3	analytical wave 3 household serial number
IDAHHW4	analytical wave 4 household serial number

```
    IDAHHW5         analytical wave 5 household serial number
Wave 6 Core:
    IDAHHW6         analytical wave 6 household serial number
Wave 7 Core:
    IDAHHW7         analytical wave 7 household serial number
```

Couple Identifier

Wave	Variable	Label	Type
1	H1COUPID	wave 1 specific couple id number /num	Cont
2	H2COUPID	wave 2 specific couple id number /num	Cont
3	H3COUPID	wave 3 specific couple id number /num	Cont
4	H4COUPID	wave 4 specific couple id number /num	Cont
5	H5COUPID	wave 5 specific couple id number /num	Cont
6	H6COUPID	wave 6 specific couple id number /num	Cont
7	H7COUPID	wave 7 specific couple id number /num	Cont
1	H1COUPIDC	wave 1 specific couple id number /5-char	Char
2	H2COUPIDC	wave 2 specific couple id number /5-char	Char
3	H3COUPIDC	wave 3 specific couple id number /5-char	Char
4	H4COUPIDC	wave 4 specific couple id number /5-char	Char
5	H5COUPIDC	wave 5 specific couple id number /5-char	Char
6	H6COUPIDC	wave 6 specific couple id number /5-char	Char
7	H7COUPIDC	wave 7 specific couple id number /5-char	Char

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1COUPID	12099	6038.73	3490.20	1.00	12046.00
H2COUPID	9432	4308.42	2481.78	1.00	8624.00
H3COUPID	9771	5617.22	3267.15	1.00	11339.00
H4COUPID	11050	6306.37	3643.20	1.00	12587.00
H5COUPID	10274	6011.08	3486.78	1.00	12127.00
H6COUPID	10601	6438.24	3770.62	1.00	12949.00
H7COUPID	9666	6162.21	3605.81	1.00	12446.00

How Constructed

HwCOUPID is the numeric version of the couple identifier derived by ELSA. HwCOUPID uniquely identifies a couple in a given wave. HwCOUPIDC is the character version of the couple identifier derived by ELSA, with leading zeros. For example if the couple identifier is 01234 then HwCOUPID is 1234 and HwCOUPIDC is “01234”.

Every respondent to a given wave was assigned a couple ID in ELSA unless the interview was conducted in an institution. Similarly, HwCOUPID and HwCOUPIDC are set to plain missing (.) if the respondent did not respond to the particular wave or the respondent’s interview was conducted in an institution.

The HwCOUPID and HwCOUPIDC variables are used to identify all spouse data. Spouse data is not present for any respondent in an institution.

HwCOUPID and HwCOUPIDC are not unique identifiers between waves as the couple number changes in every wave of the ELSA. Neither of these variables should be used for merging.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, ELSA was conducted on any eligible individual present at the household during the time of the interview. In this regard, ELSA households can consist of a couple, more than one couple, and uncoupled individuals. The use of couple ID is imperative for identifying sub-households and for comparison to the RAND HRS concept of household.

ELSA Variables Used

```
Wave 1 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 2 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 3 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 4 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 5 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 6 Financial:
    COUPID         couple id - splits couples where one member in an instit
Wave 7 Financial:
    COUPID         couple id - splits couples where one member in an instit
```

Spouse Identifier

Wave	Variable	Label	Type
1	S1IDAUNIQ	s1idauniq:w1 spouse idauniq	Cont
2	S2IDAUNIQ	s2idauniq:w2 spouse idauniq	Cont
3	S3IDAUNIQ	s3idauniq:w3 spouse idauniq	Cont
4	S4IDAUNIQ	s4idauniq:w4 spouse idauniq	Cont
5	S5IDAUNIQ	s5idauniq:w5 spouse idauniq	Cont
6	S6IDAUNIQ	s6idauniq:w6 spouse idauniq	Cont
7	S7IDAUNIQ	s7idauniq:w7 spouse idauniq	Cont
1	RASPCT	raspct: # of spouses with pn	Cont
1	RASPID1	raspid1: idauniq of 1st spouse	Cont
1	RASPID2	raspid2: idauniq of 2nd spouse	Cont
1	RASPID3	raspid3: idauniq of 3rd spouse	Cont
1	RASPID4	raspid4: idauniq of 4th spouse	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
S1IDAUNIQ	12099	74688.84	52998.46	0.00	121300.00
S2IDAUNIQ	9432	73453.53	53534.25	0.00	121338.00
S3IDAUNIQ	9771	78519.33	60100.02	0.00	705145.00
S4IDAUNIQ	11050	87113.53	64875.37	0.00	705927.00
S5IDAUNIQ	10274	87791.38	65063.04	0.00	706571.00
S6IDAUNIQ	10601	91687.02	67652.54	0.00	706571.00
S7IDAUNIQ	9666	92255.21	69044.78	0.00	900034.00
RASPCT	18489	1.26	1.33	0.00	7.00
RASPID1	13454	129091.84	29705.19	100001.00	900034.00
RASPID2	33	140117.00	22328.87	119179.00	167760.00
RASPID3	0	.	.	.	.
RASPID4	0	.	.	.	.

How Constructed

SwIDAUNIQ is the IDAUNIQ of the respondent’s spouse in a particular wave as identified by the couple ID derived by ELSA in the Financial Derived Variables datasets (See description above).

Because ELSA’s couple ID does not directly correspond to marriage status there are a number of individuals who are counted as a couple where one or both individuals report themselves as being unmarried. These cases of unmarried but coupled individuals can best be thought of as cohabiting partners who would also be counted as spouses in the RAND HRS.

RASPCT tells how many spouses R has over all waves. Each spouse’s SwIDAUNIQ is recorded in RASPID1-RASPID4. Following the RAND HRS, 4 spouses’ unique IDs are recoded over all waves. These are numeric versions of the unique ids provided by ELSA.

If there is no spouse in a given wave, SwIDAUNIQ is set to zero. If SwIDAUNIQ is unknown, R did not respond in a given wave, or R is in an institution, SwIDAUNIQ is set to missing (.).

Following the RAND HRS, the Harmonized ELSA contains spouse versions of many variables. Spouse variables are generated for the spouse in each wave as identified by the couple id derived by ELSA. For example, S1BDATE and S2BDATE are the birth dates for the wave 1 and wave 2 spouses, respectively. If the spouse in wave 1 is the same as the spouse in wave 2, these dates will be identical. If the spouse in wave 1 is different from the spouse in wave 2, these will probably be different dates. If these spouse variables are missing because R is not coupled and R is assumed to be single, they are set to a special missing

(.u). If these spouse variables are missing because R’s spouse was not present for the interview, they are set to a special missing (.v).

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

In the RAND HRS spousehood is derived from the household id and spouse person numbers in the Tracker file of the HRS. In the Harmonized ELSA spousehood is determined solely by couple id which is a variable derived by ELSA and provided in their Financially Derived Variables files. Spousehood is only identified when both members of the couple are respondents in the survey.

ELSA Variables Used

```
Index File:
    IDAUNIQ        unique individual serial number
Wave 1 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 2 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 3 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 4 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 5 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 6 Financial:
    COUPID         couple id - splits couples where one member in an instit
Wave 7 Financial:
    COUPID         couple id - splits couples where one member in an instit
```

Wave Status: Response Indicator

Wave	Variable	Label	Type
1	INW1	inw1: =1 if respondent w1	Categ
2	INW2	inw2: =1 if respondent w2	Categ
3	INW3	inw3: =1 if respondent w3	Categ
4	INW4	inw4: =1 if respondent w4	Categ
5	INW5	inw5: =1 if respondent w5	Categ
6	INW6	inw6: =1 if respondent w6	Categ
7	INW7	inw7: =1 if respondent w7	Categ
1	INW1SC	inw1sc: =1 if respondent w1 self-completion	Categ
2	INW2SC	inw2sc: =1 if respondent w2 self-completion	Categ
3	INW3SC	inw3sc: =1 if respondent w3 self-completion	Categ
4	INW4SC	inw4sc: =1 if respondent w4 self-completion	Categ
5	INW5SC	inw5sc: =1 if respondent w5 self-completion	Categ
6	INW6SC	inw6sc: =1 if respondent w6 self-completion	Categ
7	INW7SC	inw7sc: =1 if respondent w7 self-completion	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
INW1	18489	0.65	0.48	0.00	1.00
INW2	18489	0.51	0.50	0.00	1.00
INW3	18489	0.53	0.50	0.00	1.00
INW4	18489	0.60	0.49	0.00	1.00
INW5	18489	0.56	0.50	0.00	1.00
INW6	18489	0.57	0.49	0.00	1.00
INW7	18489	0.52	0.50	0.00	1.00
INW1SC	18489	0.59	0.49	0.00	1.00
INW2SC	18489	0.45	0.50	0.00	1.00
INW3SC	18489	0.45	0.50	0.00	1.00
INW4SC	18489	0.50	0.50	0.00	1.00
INW5SC	18489	0.49	0.50	0.00	1.00
INW6SC	18489	0.49	0.50	0.00	1.00
INW7SC	18489	0.44	0.50	0.00	1.00

Categorical Variable Codes

Value	INW1	INW2	INW3	INW4	INW5	INW6	INW7
0.nonresp	6390	9057	8718	7439	8215	7888	8823
1.resp,alive	12099	9432	9771	11050	10274	10601	9666

Value	INW1SC	INW2SC	INW3SC	INW4SC	INW5SC	INW6SC	INW7SC
0.nonresp	7505	10135	10252	9276	9459	9493	10292
1.self-completion resp	10984	8354	8237	9213	9030	8996	8197

How Constructed

INWw indicates whether an individual responded to a particular wave. INWw is derived from individual wave specific outcomes in the ELSA Index file. Respondents identified as having either a full or partial interview either in person, through a proxy, or at an institution are considered to have responded.

INWwSC indicates whether an individual responded to a particular wave's self-completion survey. A code of 0 indicates the respondent is not considered part of the self-completion sample. Exclusion from the self-completion sample can be due to many factors including, not being applicable for the self-completion survey, not returning a self-completion survey to ELSA, and a returned self-completion survey with

majority questions unanswered. A code of 1 indicates the respondent's self-completion questionnaire was received by ELSA with the majority of questions answered.

Cross Wave Differences in ELSA

Individual Wave 6 and Wave 7 outcomes are not currently available in the ELSA index file so INW6 and INW7 are determined using Wave 6 and Wave 7 outcomes included in the wave specific core data.

Individuals in institutions were not surveyed in ELSA Wave 1 and Wave 2. Starting in Wave 3, ELSA surveys respondents in institutions by proxy or in person.

Differences with the RAND HRS

The HRS sample excludes individuals in institutions from each initial cohort sampling. However, respondents who move to nursing homes after their baseline wave continue to be interviewed by proxy and in person.

ELSA Variables Used

```
Index File:
    OUTINDW1       wave 1 individual outcome (updated with mortality inform
    OUTINDW2       wave 2 individual outcome (updated with mortality inform
    OUTINDW3       wave 3 individual outcome (updated with mortality inform
    OUTINDW4       wave 4 individual outcome code
    OUTINDW5       w5 individual outcome codes (not updated with mortality)
Wave 6 Core:
    W6INDOUT       wave 6 individual outcome code (not updated with mortali
Wave 7 Core:
    W7INDOUT       pname: interviewer: record individual outcome code for p
```

Wave Status: Interview Status

Wave	Variable	Label	Type
1	R1IWSTAT	r1iwstat:w1 r interview status	Categ
2	R2IWSTAT	r2iwstat:w2 r interview status	Categ
3	R3IWSTAT	r3iwstat:w3 r interview status	Categ
4	R4IWSTAT	r4iwstat:w4 r interview status	Categ
5	R5IWSTAT	r5iwstat:w5 r interview status	Categ
6	R6IWSTAT	r6iwstat:w6 r interview status	Categ
7	R7IWSTAT	r7iwstat:w7 r interview status	Categ
1	S1IWSTAT	s1iwstat:w1 s interview status	Categ
2	S2IWSTAT	s2iwstat:w2 s interview status	Categ
3	S3IWSTAT	s3iwstat:w3 s interview status	Categ
4	S4IWSTAT	s4iwstat:w4 s interview status	Categ
5	S5IWSTAT	s5iwstat:w5 s interview status	Categ
6	S6IWSTAT	s6iwstat:w6 s interview status	Categ
7	S7IWSTAT	s7iwstat:w7 s interview status	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1IWSTAT	18489	0.71	0.62	0.00	9.00
R2IWSTAT	18489	1.70	2.65	0.00	9.00
R3IWSTAT	18489	2.30	3.06	0.00	9.00
R4IWSTAT	18489	2.94	3.28	0.00	9.00
R5IWSTAT	18489	3.23	3.39	0.00	9.00
R6IWSTAT	18489	3.69	3.50	0.00	9.00
R7IWSTAT	18489	4.37	3.66	1.00	9.00
S1IWSTAT	8070	1.00	0.00	1.00	1.00
S2IWSTAT	6178	1.00	0.00	1.00	1.00
S3IWSTAT	6386	1.00	0.07	1.00	5.00
S4IWSTAT	7402	1.00	0.00	1.00	1.00
S5IWSTAT	6964	1.00	0.00	1.00	1.00
S6IWSTAT	7242	1.00	0.00	1.00	1.00
S7IWSTAT	6560	1.00	0.00	1.00	1.00

Categorical Variable Codes

Value	R1IWSTAT	R2IWSTAT	R3IWSTAT	R4IWSTAT	R5IWSTAT	R6IWSTAT	R7IWSTAT
0.inap.	6142	5983	4305	1709	1671	497	
1.resp, alive	12099	9432	9767	11050	10274	10601	9666
4.nr, alive	243	719	683	554	410		
5.nr, died this wv		508	534	589	608	518	
6.nr, died prev wv			508	1042	1631	2239	2757
7.nr, dropped from samp			1		8	8	8
9.nr, dk if alive or died	5	1847	2691	3545	3887	4626	6058

Value	S1IWSTAT	S2IWSTAT	S3IWSTAT	S4IWSTAT	S5IWSTAT	S6IWSTAT	S7IWSTAT
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.resp, alive	8070	6178	6384	7402	6964	7242	6560
5.nr, died this wv			2				

How Constructed

RwIWSTAT variable gives the response and mortality status of the respondent at each wave. Respondents are identified by code 1, while non-respondents are identified by codes 4-7, and 9.

Mortality status is derived from individual wave specific outcomes in the ELSA Index File. Similar to the RAND HRS, non-response code 4 means that the respondent is alive so far as we know but did not respond. A code of 5 means that the respondent died between the last interview and the current one, and 6 means that the respondent had died in a previous wave. A code of 9 means that we don't know if the individual is alive or not.

SwIWSTAT gives the response and mortality status of the current wave's spouse. It is taken from the spouse's values to RwIWSTAT. Note that when a spouse dies the spouse interview status for the surviving spouse will have a code of .u=respondent unmarried if the widow does not remarry. A .v missing code indicates that there is no information in the Tracker file on why the spouse did not respond. Note also that SwIWSTAT is set to plain missing (.) if an individual did not respond at a particular interview, including if he/she died.

Cross Wave Differences in ELSA

Wave 6 and 7 mortality status is not currently provided by ELSA as the ELSA Index file does not currently include Wave 6 and 7 data.

There is no wave 7 end of life data file to determine if an end of life interview was conducted in place of the regular interview in wave 7 because the respondent died after wave 6.

Differences with the RAND HRS

Unlike the RAND RHS, SwIWSTAT is only generated for couples sharing a couple id which is only generated when both members of the couple are respondents to the survey so SwIWSTAT only takes a value 1 and special missing values.

ELSA Variables Used

```
Index File:
    OUTINDW1       wave 1 individual outcome (updated with mortality inform
    OUTINDW2       wave 2 individual outcome (updated with mortality inform
    OUTINDW3       wave 3 individual outcome (updated with mortality inform
    OUTINDW4       wave 4 individual outcome code
    OUTINDW5       w5 individual outcome codes (not updated with mortality)
Wave 6 Core:
    W6INDOUT       wave 6 individual outcome code (not updated with mortali
Wave 7 Core:
    W7INDOUT       pname: interviewer: record individual outcome code for p
```

Sample Cohort

Wave	Variable	Label	Type
1	R1COHORT_E	r1cohort_e:w1 r sample cohort, ELSA specific	Categ
2	R2COHORT_E	r2cohort_e:w2 r sample cohort, ELSA specific	Categ
3	R3COHORT_E	r3cohort_e:w3 r sample cohort, ELSA specific	Categ
4	R4COHORT_E	r4cohort_e:w4 r sample cohort, ELSA specific	Categ
5	R5COHORT_E	r5cohort_e:w5 r sample cohort, ELSA specific	Categ
6	R6COHORT_E	r6cohort_e:w6 r sample cohort, ELSA specific	Categ
7	R7COHORT_E	r7cohort_e:w7 r sample cohort, ELSA specific	Categ
1	S1COHORT_E	s1cohort_e:w1 s sample cohort, ELSA specific	Categ
2	S2COHORT_E	s2cohort_e:w2 s sample cohort, ELSA specific	Categ
3	S3COHORT_E	s3cohort_e:w3 s sample cohort, ELSA specific	Categ
4	S4COHORT_E	s4cohort_e:w4 s sample cohort, ELSA specific	Categ
5	S5COHORT_E	s5cohort_e:w5 s sample cohort, ELSA specific	Categ
6	S6COHORT_E	s6cohort_e:w6 s sample cohort, ELSA specific	Categ
7	S7COHORT_E	s7cohort_e:w7 s sample cohort, ELSA specific	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1COHORT_E	12347	1.11	0.46	1.00	3.00
R2COHORT_E	12396	1.12	0.46	1.00	3.00
R3COHORT_E	14106	1.55	1.29	1.00	7.00
R4COHORT_E	16780	2.61	2.75	1.00	11.00
R5COHORT_E	16818	2.62	2.75	1.00	11.00
R6COHORT_E	10601	4.15	4.12	1.00	15.00
R7COHORT_E	9666	4.71	4.80	1.00	19.00
S1COHORT_E	8070	1.16	0.54	1.00	3.00
S2COHORT_E	6178	1.17	0.54	1.00	3.00
S3COHORT_E	6386	1.89	1.61	1.00	7.00
S4COHORT_E	7402	3.49	3.20	1.00	11.00
S5COHORT_E	6964	3.35	3.10	1.00	11.00
S6COHORT_E	7242	4.48	4.24	1.00	15.00
S7COHORT_E	6560	5.09	4.95	1.00	19.00

Categorical Variable Codes

Value	R1COHORT_E	R2COHORT_E	R3COHORT_E	R4COHORT_E	R5COHORT_E	R6COHORT_E	R7COHORT_E
1.original HSE sample (HSE	11595	11595	11595	11595	11595	5783	5000
2.partners of original samp	89	138	171	193	204	119	107
3.young partner of original	663	663	559	559	559	271	246
4.w3 refreshment sample (HS			1289	1289	1289	900	798
5.partners of w3 refreshmen			27	40	53	36	39
6.young partner of w3 refre			308	308	308	194	174
7.older partner of w3 refre			157	157	157	93	85
8.w4 refreshment sample (HS				2328	2328	1822	1627
9.partners of w4 refreshmen				18	32	29	28
10.young partner of w4 refr				123	123	91	79
11.older partner of w4 refr				170	170	109	93
12.w6 refreshment sample (H						854	688
13.partners of w6 refreshme						10	14
14.young partner of w6 refr						146	119
15.older partner of w6 refr						144	113
16.w7 refreshment sample (H							304
17.partners of w7 refreshme							2
18.young partner of w7 refr							73
19.older partner of w7 refr							77

Value	S1COHORT_E	S2COHORT_E	S3COHORT_E	S4COHORT_E	S5COHORT_E	S6COHORT_E	S7COHORT_E
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.original HSE sample (HSE	7385	5613	4669	4100	3940	3569	3057
2.partners of original samp	72	93	99	116	116	118	102
3.young partner of original	613	472	293	268	269	260	234
4.w3 refreshment sample (HS			886	683	691	648	568
5.partners of w3 refreshmen			21	24	35	36	36
6.young partner of w3 refre			283	218	204	190	165
7.older partner of w3 refre			135	102	96	92	83
8.w4 refreshment sample (HS				1599	1364	1254	1091
9.partners of w4 refreshmen				15	26	28	24
10.young partner of w4 refr				118	99	87	75
11.older partner of w4 refr				159	124	106	89
12.w6 refreshment sample (H						561	460
13.partners of w6 refreshme						10	14
14.young partner of w6 refr						142	115
15.older partner of w6 refr						141	109
16.w7 refreshment sample (H							191
17.partners of w7 refreshme							2
18.young partner of w7 refr							70
19.older partner of w7 refr							75

How Constructed

RwCOHORT_E identifies the wave-specific ELSA cohort categorization. A code of 1 indicates that the respondent is part of the original sample (HSE 1998-2001). A code of 2 indicates that the respondent is a partner of an original sample respondent. A code of 3 indicates that the respondent is a young partner of an original sample respondent. A code of 4 indicates that the respondent is part of the Wave 3 refreshment sample (HSE 2001-2004). A code of 5 indicates that the respondent is a partner of a Wave 3 refreshment sample respondent. A code of 6 indicates that the respondent is a young partner of a Wave 3 refreshment sample respondent. A code of 7 indicates that the respondent is an older partner of a Wave 3 refreshment respondent. A code of 8 indicates that the respondent is part of the Wave 4 refreshment sample (HSE 2006). A code of 9 indicates that the respondent is a partner of a Wave 4 refreshment sample respondent. A code of 10 indicates that the respondent is a young partner of a Wave 4 refreshment sample respondent. A code of 11 indicates that the respondent is an older partner of a Wave 4 refreshment respondent. A code of 12 indicates that the respondent is part of the Wave 6 refreshment sample (HSE 2009-2011). A code of 13 indicates that the respondent is a partner of a Wave 6 refreshment sample respondent. A code of 14 indicates that the respondent is a young partner of a Wave 6 refreshment sample respondent. A code of 15 indicates that the respondent is an older partner of a Wave 6 refreshment respondent. A code of 16 indicates that the respondent is part of the Wave 7 refreshment sample (HSE 2011-2012). A code of 17 indicates that the respondent is a partner of a Wave 7 refreshment sample respondent. A code of 18 indicates that the respondent is a young partner of a Wave 7 refreshment sample respondent. A code of 19 indicates that the respondent is an older partner of a Wave 7 refreshment respondent.

SwCOHORT_E gives the cohort of the current wave's spouse. It is taken from the spouse's values to RwCOHORT_E. If the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used. Note also that SwCOHORT_E is set to plain missing (.) if an individual did not respond at a particular interview, including if he/she died.

Cross Wave Differences in ELSA

At Wave 3, ELSA expanded their sample with the Wave 3 Refreshment sample. The original intention for the Wave 3 Refreshment sample was to include those aged 50, 51, 52 and 53, sampled from HSE 2001-2006. However due to an error those aged 53 were excluded. To adjust for this omission younger partners from the original sample and older partners from the refreshment sample who were 53 at the Wave 3 survey were reclassified as core Wave 3 Refreshment sample.

At Wave 4, ELSA expanded their sample with the Wave 4 refreshment sample which included individuals 50 - 74, sampled from HSE 2006.

At Wave 6, ELSA expanded their sample with the Wave 6 refreshment sample which included individuals 50 - 55, sampled from HSE 2009-2011.

At Wave 7, ELSA expanded their sample with the Wave 7 refreshment sample which included individuals 50 and 51 years old, sampled from HSE 2011 and 2012.

Differences with the RAND HRS

The sampling framework of the HRS is different from the sampling framework of the ELSA. The HRS used a national probability sample of U.S. households which contained at least one age-eligible household member. Different sets of age-eligibility were used for different cohorts. HRS households can consist of a single unmarried age-eligible person, a married couple in which both persons are age-eligible, or a married couple in which only one spouse is age-eligible. RAND HRS's cohort is a household level variable representing the importance of the household age-eligibility for each cohort.

Harmonized ELSA variables RwCOHORT_E and SwCOHORT_E refer to a completely different set of categories than the RAND HRS variables RACOHORT and SwCOHORT. Sampling cohorts differ for each study, this variable only categorizes sampling cohort by study and should not be considered to harmonize any information across studies.

ELSA Variables Used

```
Index File:
    FINSTATW1      final status after wave 1 fieldwork
    FINSTATW2      final status after wave 2 fieldwork
    FINSTATW3      final status after wave 3 fieldwork
    FINSTATW4      final status after wave 4 fieldwork
    FINSTATW5      final status after w5 fieldwork (from outcome file used
Wave 6 Core:
    FINSTATW6      final status after wave 6 fieldwork
Wave 7 Core:
    FINSTATW7      final status after w7 fieldwork
```

Whether Eligible for Sample

Wave	Variable	Label	Type
1	RAELSAMP	raelsamp:ELSA r sample-age eligible/Wave 1 Resp	Categ
1	S1ELSAMP	s1elsamp:ELSA s sample-age eligible/Wave 1 Resp	Categ
2	S2ELSAMP	s2elsamp:ELSA s sample-age eligible/Wave 1 Resp	Categ
3	S3ELSAMP	s3elsamp:ELSA s sample-age eligible/Wave 1 Resp	Categ
4	S4ELSAMP	s4elsamp:ELSA s sample-age eligible/Wave 1 Resp	Categ
5	S5ELSAMP	s5elsamp:ELSA s sample-age eligible/Wave 1 Resp	Categ
6	S6ELSAMP	s6elsamp:ELSA s sample-age eligible/Wave 1 Resp	Categ
7	S7ELSAMP	s7elsamp:ELSA s sample-age eligible/Wave 1 Resp	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RAELSAMP	18489	0.62	0.49	0.00	1.00
S1ELSAMP	8070	0.92	0.26	0.00	1.00
S2ELSAMP	6178	0.91	0.29	0.00	1.00
S3ELSAMP	6386	0.72	0.45	0.00	1.00
S4ELSAMP	7402	0.54	0.50	0.00	1.00
S5ELSAMP	6964	0.55	0.50	0.00	1.00
S6ELSAMP	7242	0.48	0.50	0.00	1.00
S7ELSAMP	6560	0.45	0.50	0.00	1.00

Categorical Variable Codes

Value	RAELSAMP
0.not in sample	7026
1.in sample, ELSA Wave 1	11463

Value	S1ELSAMP	S2ELSAMP	S3ELSAMP	S4ELSAMP	S5ELSAMP	S6ELSAMP	S7ELSAMP
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.not in sample	613	572	1769	3368	3113	3769	3585
1.in sample, ELSA Wave 1	7457	5606	4617	4034	3851	3473	2975

How Constructed

RAELSAMP identifies ELSA-eligible individuals defined as those who were age-eligible and responded to Wave 1. ELSA age-eligible individuals are those born before March 1st, 1952. A value of 1 indicates that the individual was ELSA eligible and responded to Wave 1 and a 0 indicates they are not.

SwELSAMP indicates whether the current wave's spouse was age-eligible and responded to wave 1. It is taken from the spouse's values to RAELSAMP. If the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used. Note also that SwELSAMP is set to plain missing (.) if an individual did not respond at a particular interview, including if he/she died.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

RAELSAMP is the Harmonized ELSA corollary to the RAND HRS's RAHRSAMP. Both variables capture whether a respondent was age-eligible at the time of the first wave of their study.

ELSA Variables Used

Wave 1 Core:
    ELIGW1   eligibility at w1

Sampling Weight

Wave	Variable	Label	Type
1	R1STRAT	w1 hse stratification variable	Cont
2	R2STRAT	w2 hse stratification variable	Cont
1	RACLUST	hse clustering variable	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1STRAT	12027	445.06	248.30	1.00	860.00
R2STRAT	9338	51.66	27.81	1.00	100.00
RACLUST	12207	866.94	495.85	1.00	1718.00

How Constructed

RwSTRAT and RACLUST are taken directly from the ELSA wave 1 variables, astratif and ahsecls2, and the Wave 2 variables, astratif and hseclst. ELSA provides stratification and clustering variables to account for the impact of complex sample design on standard errors. Refer to the Section 1.5 for more information on producing estimates with corrected standard errors by accounting for ELSA's complex sample design.

Unlike the cluster values in ELSA, the stratification values supplied with Wave 1 do not match the stratification values for the stratification variable supplied with Wave 2. The two different stratification values use different scales. R1STRAT only has values for Wave 1 respondents and R2STRAT only has values for Wave 2 respondents. Given the current absence of a panel-level stratification variable, we provide both R1STRAT and R2STRAT.

Cross Wave Differences in ELSA

Cluster values are only currently available from ELSA for Wave 1 and Wave 2 respondents. Stratification values are also only available from ELSA for Wave 1 and Wave 2 but the Wave 1 and Wave 2 stratification values use different scales.

Differences with the RAND HRS

The RAND HRS does not provide a clustering variable. The RAND HRS stratification variable RAESTRAT is the only one available for the HRS cohort of respondents in 1992, conversely RwESTRAT is a wave-specific variable which will continue to be updated as ELSA includes this information in its public use data.

ELSA Variables Used

	AHSECLS2	data archive hse clustering variable
	ASTRATIF	hse stratification variable
Wave 2 Core:		
	ASTRATIF	hse stratification variable
	HSECLST	data archive hse clustering variable

Person-Level Analysis Weight

Wave	Variable	Label	Type
1	R1CWTRESP	r1cwtresp:w1 r person-level cross-sectional weight, core sam	Cont
3	R3CWTRESP	r3cwtresp:w3 r person-level cross-sectional weight, core sam	Cont
4	R4CWTRESP	r4cwtresp:w4 r person-level cross-sectional weight, core sam	Cont
5	R5CWTRESP	r5cwtresp:w5 r person-level cross-sectional weight, core sam	Cont
6	R6CWTRESP	r6cwtresp:w6 r person-level cross-sectional weight, core sam	Cont
7	R7CWTRESP	r7cwtresp:w7 r person-level cross-sectional weight, core sam	Cont
1	S1CWTRESP	s1cwtresp:w1 s person-level cross-sectional weight, core sam	Cont
3	S3CWTRESP	s3cwtresp:w3 s person-level cross-sectional weight, core sam	Cont
4	S4CWTRESP	s4cwtresp:w4 s person-level cross-sectional weight, core sam	Cont
5	S5CWTRESP	s5cwtresp:w5 s person-level cross-sectional weight, core sam	Cont
6	S6CWTRESP	s6cwtresp:w6 s person-level cross-sectional weight, core sam	Cont
7	S7CWTRESP	s7cwtresp:w7 s person-level cross-sectional weight, core sam	Cont
2	R2LWTRESP	r2lwtresp:w2 r person-level longitudinal weight, core sample	Cont
3	R3LWTRESP	r3lwtresp:w3 r person-level longitudinal weight, core sample	Cont
4	R4LWTRESP	r4lwtresp:w4 r person-level longitudinal weight, core sample	Cont
5	R5LWTRESP	r5lwtresp:w5 r person-level longitudinal weight, core sample	Cont
6	R6LWTRESP	r6lwtresp:w6 r person-level longitudinal weight, core sample	Cont
7	R7LWTRESP	r7lwtresp:w7 r person-level longitudinal weight, core sample	Cont
2	S2LWTRESP	s2lwtresp:w2 s person-level longitudinal weight, core sample	Cont
3	S3LWTRESP	s3lwtresp:w3 s person-level longitudinal weight, core sample	Cont
4	S4LWTRESP	s4lwtresp:w4 s person-level longitudinal weight, core sample	Cont
5	S5LWTRESP	s5lwtresp:w5 s person-level longitudinal weight, core sample	Cont
6	S6LWTRESP	s6lwtresp:w6 s person-level longitudinal weight, core sample	Cont
7	S7LWTRESP	s7lwtresp:w7 s person-level longitudinal weight, core sample	Cont
2	R2SCWTRESP	r2scwtresp:w2 r person-level weight, self-completion sample	Cont
4	R4SCWTRESP	r4scwtresp:w4 r person-level weight, self-completion sample	Cont
5	R5SCWTRESP	r5scwtresp:w5 r person-level weight, self-completion sample	Cont
6	R6SCWTRESP	r6scwtresp:w6 r person-level weight, self-completion sample	Cont
7	R7SCWTRESP	r7scwtresp:w7 r person-level weight, self-completion sample	Cont
2	S2SCWTRESP	s2scwtresp:w2 s person-level weight, self-completion sample	Cont
4	S4SCWTRESP	s4scwtresp:w4 s person-level weight, self-completion sample	Cont
5	S5SCWTRESP	s5scwtresp:w5 s person-level weight, self-completion sample	Cont
6	S6SCWTRESP	s6scwtresp:w6 s person-level weight, self-completion sample	Cont
7	S7SCWTRESP	s7scwtresp:w7 s person-level weight, self-completion sample	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1CWTRESP	12099	0.94	0.29	0.00	2.52
R3CWTRESP	9771	0.89	0.39	0.00	3.96
R4CWTRESP	11050	0.89	0.45	0.00	4.08
R5CWTRESP	10274	0.87	0.45	0.00	3.62
R6CWTRESP	10601	0.86	0.66	0.00	6.09
R7CWTRESP	9666	0.84	0.74	0.00	7.52
S1CWTRESP	8070	0.91	0.32	0.00	2.21
S3CWTRESP	6386	0.85	0.42	0.00	2.95
S4CWTRESP	7402	0.85	0.48	0.00	3.40
S5CWTRESP	6964	0.84	0.48	0.00	2.93
S6CWTRESP	7242	0.82	0.68	0.00	6.08
S7CWTRESP	6560	0.81	0.77	0.00	7.52

R2LWTRESP	9432	0.93	0.33	0.00	3.28
R3LWTRESP	7168	1.00	0.26	0.56	4.18
R4LWTRESP	5971	1.00	0.30	0.52	3.88
R5LWTRESP	5262	1.00	0.32	0.50	3.89
R6LWTRESP	4711	1.00	0.33	0.48	3.76
R7LWTRESP	4062	1.00	0.34	0.47	3.40
S2LWTRESP	6178	0.90	0.35	0.00	2.39
S3LWTRESP	4421	1.00	0.24	0.57	2.88
S4LWTRESP	3670	1.01	0.28	0.54	3.58
S5LWTRESP	3266	1.01	0.29	0.52	3.56
S6LWTRESP	2932	1.01	0.30	0.53	3.75
S7LWTRESP	2514	1.02	0.32	0.52	3.40
R2SCWTRESP	7803	1.00	0.27	0.57	4.15
R4SCWTRESP	8310	1.00	0.41	0.34	5.61
R5SCWTRESP	8075	1.00	0.39	0.41	5.60
R6SCWTRESP	7903	1.00	0.68	0.36	7.79
R7SCWTRESP	7095	1.00	0.75	0.21	8.52
S2SCWTRESP	5195	0.96	0.21	0.58	2.57
S4SCWTRESP	5568	0.96	0.36	0.35	3.87
S5SCWTRESP	5311	1.00	0.36	0.42	4.09
S6SCWTRESP	5188	1.00	0.67	0.38	7.79
S7SCWTRESP	4615	1.01	0.75	0.23	8.52

How Constructed

RwWTRESP is the person-level cross-sectional weight as defined by ELSA. RwWTRESP is provided to account for any bias from non-response in order to make the respondent sample more representative of the population. These cross-sectional weights also allow for the inclusion of new respondents from the refreshment samples who would not have a longitudinal weight.

SwWTRESP is the current wave’s spouse’s person-level cross-sectional weight. It is taken from the spouse's values to RwWTRESP. If the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used. Note also that SwWTRESP is set to plain missing (.) if an individual did not respond at a particular interview, including if he/she died.

New or young partners will always have missing values of RwWTRESP but can have non-missing values of SwWTRESP if their spouse is a core sample member.

RwLWTRESP is the person-level longitudinal weight as defined by ELSA for each wave after wave 2. RwLWTRESP is only defined for respondents who have taken part in all previous waves as well as the current wave. RwLWTRESP is provided to account for any bias arising from sample attrition.

SwLWTRESP is the current wave’s spouse’s person-level cross-sectional weight. It is taken from the spouse's values to RwLWTRESP. If the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used. Note also that SwLWTRESP is set to plain missing (.) if an individual did not respond at a particular interview, including if he/she died.

RwSCWTRESP is the person-level self-completion weight as defined by ELSA for each wave. ELSA calculates weights for core members (not partners) whose self-completion questionnaire was received with the majority of questions answered (i.e. they had a value of 1 for the self-completion outcome code, which is named INWwSC). ELSA does not calculate person-level weights for new or young partners so RwSCWTRESP is set to plain missing (.) for non-core respondents and anyone non-responding to the particular wave.

SwSCWTRESP is the current wave’s spouse’s person-level self-completion weight. It is taken from the spouse's values to RwSCWTRESP. If the respondent is not designated as coupled in the current wave and

assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used. Note also that SwSCWTRESP is set to plain missing (.) if an individual did not respond to a particular interview, including if he/she died.

Cross Wave Differences in ELSA

Wave 1 and Wave 2 cross-sectional weights have not currently been made available by ELSA.

Longitudinal weights are only available beginning in wave 2.

Wave 1 and Wave 3 self-completion weights are not included in the current version of the ELSA datasets.

Differences with the RAND HRS

Person-level weights in the HRS are provided to allow inferences about the U.S. population and involve post-stratifying each wave's weights to the March CPS on the basis of the birth cohorts of the respondent and spouse and on the basis of respondent gender race/ethnicity, accounting for sample design and providing adjustment for sample attrition and mortality. Because of the equal probability design of the HSE sample and the fact that ELSA sample included all eligible adults from the HSE, there is no need to provide a weight to account for selection probabilities. Person-level weights in ELSA Wave 1 and 2 are provided to account for non-response at HSE, refusal to be re-interviewed post-HSE and non-response at ELSA. The person-level weight involves inverting the predicted probability of response for the responding households which is then calibrated with an estimated probability of response to each household to explain the discrepancy between the survey age-sex distribution and the population age-sex distribution.

Unlike the HRS, ELSA does not provide separate weights for households. Instead ELSA suggests that the person-level weights should also be used to weight households.

Also unlike the HRS, ELSA provides one cross-sectional weight and one longitudinal weight for each wave after wave 2, except where noted above.

ELSA Variables Used

```
Wave 1 Core:
    W1WGT          w1 weight for all core sm to account for non-response
Wave 2 Core:
    SCW2WGT        self-completion weight at wave 2
    SCW2WGT        self-completion weight at wave 2
    W2WGT          w2 weight for all core members to account for non-respon
Wave 3 Core:
    W3LWGT         wave 3 longitudinal weight
    W3XWGT         wave 3 cross sectional weight
Wave 4 Core:
    W4LWGT         wave 4 longitudinal weight
    W4SCWT         wave 4 self-completion weight
    W4XWGT         wave 4 cross-sectional weight
Wave 5 Core:
    W5LWGT         wave 5 longitudinal weight
    W5SCWT         wave 5 self-completion weight
    W5XWGT         w5 cross-sectional weight
Wave 6 Core:
    W6LWGT         wave 6 longitudinal weight
    W6SCWT         wave 6 main self-completion weight
    W6XWGT         w6 cross-sectional weight
Wave 7 Core:
    W7LWGT         wave 7 longitudinal weight
    W7SCWT         wave 7 main self-completion weight
    W7XWGT         wave 7 cross-sectional weight
```

Number of Household Respondents

Wave	Variable	Label	Type
1	HH1HHRESP	hh1hhresp:w1 # core respondents in hh	Cont
2	HH2HHRESP	hh2hhresp:w2 # core respondents in hh	Cont
3	HH3HHRESP	hh3hhresp:w3 # core respondents in hh	Cont
4	HH4HHRESP	hh4hhresp:w4 # core respondents in hh	Cont
5	HH5HHRESP	hh5hhresp:w5 # core respondents in hh	Cont
6	HH6HHRESP	hh6hhresp:w6 # core respondents in hh	Cont
7	HH7HHRESP	hh7hhresp:w7 # core respondents in hh	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1HHRESP	12099	1.69	0.48	1.00	3.00
HH2HHRESP	9432	1.67	0.48	1.00	3.00
HH3HHRESP	9771	1.67	0.48	1.00	3.00
HH4HHRESP	11050	1.68	0.47	1.00	3.00
HH5HHRESP	10274	1.69	0.47	1.00	3.00
HH6HHRESP	10601	1.69	0.46	1.00	3.00
HH7HHRESP	9666	1.69	0.46	1.00	3.00

How Constructed

HHwHHRESP is the number of individuals in the house who actually responded at each wave. It counts the number of respondents sharing the same household id. HHwHHRESP is set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, the ELSA surveys any eligible individual present at the household during the time of the interview. So unlike the RAND HRS, HHwHHRESP contains values greater than 2 when more than two people were interviewed in the same household.

ELSA Variables Used

Index File:		
	IDAHHW1	analytical wave 1 household serial number
	IDAHHW2	analytical wave 2 household serial number
	IDAHHW3	analytical wave 3 household serial number
	IDAHHW4	analytical wave 4 household serial number
	IDAHHW5	analytical wave 5 household serial number
Wave 6 Core:		
	IDAHHW6	analytical wave 6 household serial number
Wave 7 Core:		
	IDAHHW7	analytical wave 7 household serial number

Whether Couple Household

Wave	Variable	Label	Type
1	H1CPL	h1cpl:w1 whether coupled	Categ
2	H2CPL	h2cpl:w2 whether coupled	Categ
3	H3CPL	h3cpl:w3 whether coupled	Categ
4	H4CPL	h4cpl:w4 whether coupled	Categ
5	H5CPL	h5cpl:w5 whether coupled	Categ
6	H6CPL	h6cpl:w6 whether coupled	Categ
7	H7CPL	h7cpl:w7 whether coupled	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1CPL	12099	0.67	0.47	0.00	1.00
H2CPL	9432	0.66	0.48	0.00	1.00
H3CPL	9771	0.65	0.48	0.00	1.00
H4CPL	11050	0.67	0.47	0.00	1.00
H5CPL	10274	0.68	0.47	0.00	1.00
H6CPL	10601	0.68	0.47	0.00	1.00
H7CPL	9666	0.68	0.47	0.00	1.00

Categorical Variable Codes

Value	H1CPL	H2CPL	H3CPL	H4CPL	H5CPL	H6CPL	H7CPL
0.not coupled	4029	3254	3385	3648	3310	3359	3106
1.coupled	8070	6178	6386	7402	6964	7242	6560

How Constructed

HwCPL indicates whether this couple id refers to one person or a couple. HwCPL is set to 1 if the couple includes two coupled respondents in the current wave. HwCPL is set to 0 if the couple id only refers to one respondent in the current wave. HwCPL is set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

HwCPL is the Harmonized ELSA corollary to the RAND HRS's HwCPL. Because households in ELSA are not limited to one couple HwCPL is specified at the household couple level instead of the whole household level.

ELSA Variables Used

Wave 1 Financial:
    COUPID couple identifier - splits couples in institutions
Wave 2 Financial:
    COUPID couple identifier - splits couples in institutions
Wave 3 Financial:
    COUPID couple identifier - splits couples in institutions
Wave 4 Financial:
    COUPID couple identifier - splits couples in institutions
Wave 5 Financial:
    COUPID couple identifier - splits couples in institutions

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Wave 6 Financial:
    COUPID          couple id - splits couples where one member in an instit
Wave 7 Financial:
    COUPID          couple id - splits couples where one member in an instit
```

Financial Respondent, Household Respondent, Housing Respondent

Wave	Variable	Label	Type
1	R1FINR	r1finr:w1 r whether financial resp	Categ
2	R2FINR	r2finr:w2 r whether financial resp	Categ
3	R3FINR	r3finr:w3 r whether financial resp	Categ
4	R4FINR	r4finr:w4 r whether financial resp	Categ
5	R5FINR	r5finr:w5 r whether financial resp	Categ
6	R6FINR	r6finr:w6 r whether financial resp	Categ
7	R7FINR	r7finr:w7 r whether financial resp	Categ
1	S1FINR	s1finr:w1 s whether financial resp	Categ
2	S2FINR	s2finr:w2 s whether financial resp	Categ
3	S3FINR	s3finr:w3 s whether financial resp	Categ
4	S4FINR	s4finr:w4 s whether financial resp	Categ
5	S5FINR	s5finr:w5 s whether financial resp	Categ
6	S6FINR	s6finr:w6 s whether financial resp	Categ
7	S7FINR	s7finr:w7 s whether financial resp	Categ
1	H1ANYFIN	h1anyfin:w1 whether any finr in couple	Categ
2	H2ANYFIN	h2anyfin:w2 whether any finr in couple	Categ
3	H3ANYFIN	h3anyfin:w3 whether any finr in couple	Categ
4	H4ANYFIN	h4anyfin:w4 whether any finr in couple	Categ
5	H5ANYFIN	h5anyfin:w5 whether any finr in couple	Categ
6	H6ANYFIN	h6anyfin:w6 whether any finr in couple	Categ
7	H7ANYFIN	h7anyfin:w7 whether any finr in couple	Categ
1	R1HHR	r1hhr:w1 r whether hh resp	Categ
2	R2HHR	r2hhr:w2 r whether hh resp	Categ
3	R3HHR	r3hhr:w3 r whether hh resp	Categ
4	R4HHR	r4hhr:w4 r whether hh resp	Categ
5	R5HHR	r5hhr:w5 r whether hh resp	Categ
6	R6HHR	r6hhr:w6 r whether hh resp	Categ
7	R7HHR	r7hhr:w7 r whether hh resp	Categ
1	S1HHR	s1hhr:w1 s whether hh resp	Categ
2	S2HHR	s2hhr:w2 s whether hh resp	Categ
3	S3HHR	s3hhr:w3 s whether hh resp	Categ
4	S4HHR	s4hhr:w4 s whether hh resp	Categ
5	S5HHR	s5hhr:w5 s whether hh resp	Categ
6	S6HHR	s6hhr:w6 s whether hh resp	Categ
7	S7HHR	s7hhr:w7 s whether hh resp	Categ
1	R1HOR	r1hor:w1 r whether housing resp	Categ
2	R2HOR	r2hor:w2 r whether housing resp	Categ
3	R3HOR	r3hor:w3 r whether housing resp	Categ
4	R4HOR	r4hor:w4 r whether housing resp	Categ
5	R5HOR	r5hor:w5 r whether housing resp	Categ
6	R6HOR	r6hor:w6 r whether housing resp	Categ
7	R7HOR	r7hor:w7 r whether housing resp	Categ
1	S1HOR	s1hor:w1 s whether housing resp	Categ
2	S2HOR	s2hor:w2 s whether housing resp	Categ
3	S3HOR	s3hor:w3 s whether housing resp	Categ
4	S4HOR	s4hor:w4 s whether housing resp	Categ
5	S5HOR	s5hor:w5 s whether housing resp	Categ
6	S6HOR	s6hor:w6 s whether housing resp	Categ
7	S7HOR	s7hor:w7 s whether housing resp	Categ
1	HH1ANYHO	hh1anyho:w1 whether any hor in hh	Categ

2	HH2ANYHO	hh2anyho:w2 whether any hor in hh	Categ
3	HH3ANYHO	hh3anyho:w3 whether any hor in hh	Categ
4	HH4ANYHO	hh4anyho:w4 whether any hor in hh	Categ
5	HH5ANYHO	hh5anyho:w5 whether any hor in hh	Categ
6	HH6ANYHO	hh6anyho:w6 whether any hor in hh	Categ
7	HH7ANYHO	hh7anyho:w7 whether any hor in hh	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1FINR	12099	0.72	0.45	0.00	1.00
R2FINR	9432	0.73	0.45	0.00	1.00
R3FINR	9771	0.73	0.45	0.00	1.00
R4FINR	11050	0.73	0.45	0.00	1.00
R5FINR	10274	0.72	0.45	0.00	1.00
R6FINR	10601	0.72	0.45	0.00	1.00
R7FINR	9666	0.72	0.45	0.00	1.00
S1FINR	8070	0.58	0.49	0.00	1.00
S2FINR	6178	0.58	0.49	0.00	1.00
S3FINR	6386	0.58	0.49	0.00	1.00
S4FINR	7402	0.60	0.49	0.00	1.00
S5FINR	6964	0.59	0.49	0.00	1.00
S6FINR	7242	0.59	0.49	0.00	1.00
S7FINR	6560	0.59	0.49	0.00	1.00
H1ANYFIN	12099	1.00	0.07	0.00	1.00
H2ANYFIN	9432	1.00	0.05	0.00	1.00
H3ANYFIN	9771	1.00	0.06	0.00	1.00
H4ANYFIN	11050	1.00	0.06	0.00	1.00
H5ANYFIN	10274	1.00	0.06	0.00	1.00
H6ANYFIN	10601	1.00	0.05	0.00	1.00
H7ANYFIN	9666	1.00	0.05	0.00	1.00
R1HHR	12099	0.65	0.48	0.00	1.00
R2HHR	9432	0.66	0.47	0.00	1.00
R3HHR	9771	0.66	0.47	0.00	1.00
R4HHR	11050	0.65	0.48	0.00	1.00
R5HHR	10274	0.64	0.48	0.00	1.00
R6HHR	10601	0.64	0.48	0.00	1.00
R7HHR	18489	0.81	0.39	0.00	1.00
S1HHR	8070	0.50	0.50	0.00	1.00
S2HHR	6178	0.50	0.50	0.00	1.00
S3HHR	6386	0.50	0.50	0.00	1.00
S4HHR	7402	0.50	0.50	0.00	1.00
S5HHR	6964	0.50	0.50	0.00	1.00
S6HHR	7242	0.50	0.50	0.00	1.00
S7HHR	6560	0.50	0.50	0.00	1.00
R1HOR	12099	0.65	0.48	0.00	1.00
R2HOR	9432	0.66	0.47	0.00	1.00
R3HOR	9771	0.66	0.47	0.00	1.00
R4HOR	11050	0.65	0.48	0.00	1.00
R5HOR	10274	0.65	0.48	0.00	1.00
R6HOR	10601	0.65	0.48	0.00	1.00
R7HOR	9666	0.65	0.48	0.00	1.00
S1HOR	8070	0.50	0.50	0.00	1.00
S2HOR	6178	0.50	0.50	0.00	1.00
S3HOR	6386	0.49	0.50	0.00	1.00
S4HOR	7402	0.50	0.50	0.00	1.00

S5HOR	6964	0.50	0.50	0.00	1.00
S6HOR	7242	0.49	0.50	0.00	1.00
S7HOR	6560	0.49	0.50	0.00	1.00
HH1ANYHO	12099	1.00	0.05	0.00	1.00
HH2ANYHO	9432	1.00	0.03	0.00	1.00
HH3ANYHO	9771	1.00	0.03	0.00	1.00
HH4ANYHO	11050	0.99	0.08	0.00	1.00
HH5ANYHO	10274	1.00	0.00	1.00	1.00
HH6ANYHO	10601	1.00	0.00	1.00	1.00
HH7ANYHO	9666	1.00	0.00	1.00	1.00

Categorical Variable Codes

Value	R1FINR	R2FINR	R3FINR	R4FINR	R5FINR	R6FINR	R7FINR
0.no	3387	2588	2687	3026	2883	2972	2733
1.yes	8712	6844	7084	8024	7391	7629	6933

Value	S1FINR	S2FINR	S3FINR	S4FINR	S5FINR	S6FINR	S7FINR
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	3370	2581	2659	2994	2853	2956	2711
1.yes	4700	3597	3727	4408	4111	4286	3849

Value	H1ANYFIN	H2ANYFIN	H3ANYFIN	H4ANYFIN	H5ANYFIN	H6ANYFIN	H7ANYFIN
0.no	54	21	31	41	38	30	26
1.yes	12045	9411	9740	11009	10236	10571	9640

Value	R1HHR	R2HHR	R3HHR	R4HHR	R5HHR	R6HHR	R7HHR
0.no	4192	3192	3353	3908	3671	3787	3439
1.yes	7907	6240	6418	7142	6603	6814	15050

Value	S1HHR	S2HHR	S3HHR	S4HHR	S5HHR	S6HHR	S7HHR
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	4038	3102	3212	3735	3515	3640	3305
1.yes	4032	3076	3174	3667	3449	3602	3255

Value	R1HOR	R2HOR	R3HOR	R4HOR	R5HOR	R6HOR	R7HOR
0.no	4188	3162	3345	3907	3600	3736	3377
1.yes	7911	6270	6426	7143	6674	6865	6289

Value	S1HOR	S2HOR	S3HOR	S4HOR	S5HOR	S6HOR	S7HOR
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	4046	3092	3230	3733	3514	3665	3320
1.yes	4024	3086	3156	3669	3450	3577	3240

Value	HH1ANYHO	HH2ANYHO	HH3ANYHO	HH4ANYHO	HH5ANYHO	HH6ANYHO	HH7ANYHO
0.no	26	9	11	77			
1.yes	12073	9423	9760	10973	10274	10601	9666

How Constructed

In households with a couple, couples were asked whether they kept their finances together or separate. If kept together, they were considered to be a single financial unit that required only one financial respondent. If their finances were kept separately, each person needed to answer the financial questions separately. For single respondents, each respondent needed to answer their own financial questions.

RwFINR indicates whether the respondent or the spouse answered the financial questions. A value of 1 for RwFINR indicates that the respondent answered the financial questions, while a value of 0 indicates that the respondent did not answer the financial questions.

SwFINR indicates whether the current wave’s spouse was the financial respondent. It is taken from the spouse's values to RwFINR. If the respondent is not designated as coupled in the current wave and assumed

to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used.

HwANYFIN indicates whether anyone in the couple id answered the financial questions. A value of 1 for HwANYFIN indicates that there is a financial respondent, while a value of 0 indicates that there is no financial respondent. RwFINR, SwFINR, and HwANYFIN are set to plain missing (.) for respondents who did not respond to the current wave.

For each household, one respondent was asked to answer all household demographic questions for every individual in the household. These questions included basic demographic information about everyone living the household.

RwHHR indicates whether the respondent answered the household demographic questions for the household. A value of 1 for RwHHR indicates that the respondent answered the household demographic questions, while a value of 0 indicates that the respondent did not answer the household demographic questions.

SwHHR indicates whether the current wave’s spouse was the household respondent. It is taken from the spouse's values to RwHHR. If the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used.

RwHHR and SwHHR are set to plain missing (.) for respondents who did not respond to the current wave.

For each household, one eligible ELSA respondent was asked to answer the housing questions for the household. The answers to these household questions were copied to every individual in the household.

RwHOR indicates whether the respondent answered the housing questions for the household. A value of 1 for RwHOR indicates that the respondent answered the housing questions, while a value of 0 indicates that the respondent did not answer the housing questions.

SwHOR indicates whether the current wave’s spouse was the housing respondent. It is taken from the spouse's values to RwHOR. If the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used.

HHwANYHO indicates whether anyone in the household answered the housing questions. A value of 1 for HHwANYHO indicates that there is a housing respondent, while a value of 0 indicates that there is no housing respondent. RwHOR, SwHOR, and HHwANYHO are set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, the ELSA does not use a position called family respondent. Instead, the ELSA uses a household and a housing respondent. In the HRS the family respondent answers questions about parents, siblings, children, and grandchildren for both members of the couple if the respondent is coupled. In the ELSA these questions are asked to each individual specifically.

ELSA Variables Used

```
Wave 1 Core:
    HHRESP          person number of hh respondent (hh resp=person who answe
    HOPID           person who answered ho for household
    IAPID           person who answered ia for financial unit
    PERID           person id (same as person number in household grid)
Wave 2 Core:
    HHRESP          person number of household grid (hd) respondent
    HOPID           person who answered ho for household
    IAPID           person number of person who answered ia
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    PERSNO          person number
Wave 3 Core:
    HHRESP          person number of household grid (hd) respondent
    HOPID           person who answered ho for household
    IAPID           person number of person who answered ia
    PERID           person number in the household
Wave 4 Core:
    HHRESP          person number of household grid (hd) respondent
    HOPID           person who answered ho for household
    IAPID           person number of person who answered ia
    PERID           household number (persno)
Wave 5 Core:
    HHRESP          person who answered the household grid. (qhd.dhresp)
    HOPID           person who answered ho for household
    IAPID           person number of person who answered ia
    PERID           household number (persno)
Wave 6 Core:
    HHRESP          person who answered the household grid. (qhd.dhresp)
    HOPID           person who answered ho for household
    IAPID           person number of person who answered ia
    PERID           household number (persno)
Wave 7 Core:
    HHRESP          person who answered the household grid. (qhd.dhresp)
    HOPID           person who answered ho for household
    IAPID           person number of person who answered ia
    PERID           person number (persno)
```

Whether Proxy Interview

Wave	Variable	Label	Type
1	R1PROXY	r1proxy:w1 r whether proxy interview	Categ
2	R2PROXY	r2proxy:w2 r whether proxy interview	Categ
3	R3PROXY	r3proxy:w3 r whether proxy interview	Categ
4	R4PROXY	r4proxy:w4 r whether proxy interview	Categ
5	R5PROXY	r5proxy:w5 r whether proxy interview	Categ
6	R6PROXY	r6proxy:w6 r whether proxy interview	Categ
7	R7PROXY	r7proxy:w7 r whether proxy interview	Categ
1	S1PROXY	s1proxy:w1 s whether proxy interview	Categ
2	S2PROXY	s2proxy:w2 s whether proxy interview	Categ
3	S3PROXY	s3proxy:w3 s whether proxy interview	Categ
4	S4PROXY	s4proxy:w4 s whether proxy interview	Categ
5	S5PROXY	s5proxy:w5 s whether proxy interview	Categ
6	S6PROXY	s6proxy:w6 s whether proxy interview	Categ
7	S7PROXY	s7proxy:w7 s whether proxy interview	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PROXY	12099	0.01	0.12	0.00	1.00
R2PROXY	9432	0.01	0.11	0.00	1.00
R3PROXY	9771	0.02	0.15	0.00	1.00
R4PROXY	11050	0.04	0.20	0.00	1.00
R5PROXY	10274	0.05	0.22	0.00	1.00
R6PROXY	10601	0.06	0.23	0.00	1.00
R7PROXY	9666	0.06	0.24	0.00	1.00
S1PROXY	8070	0.02	0.12	0.00	1.00
S2PROXY	6178	0.02	0.12	0.00	1.00
S3PROXY	6386	0.02	0.16	0.00	1.00
S4PROXY	7402	0.04	0.21	0.00	1.00
S5PROXY	6964	0.06	0.24	0.00	1.00
S6PROXY	7242	0.07	0.25	0.00	1.00
S7PROXY	6560	0.07	0.26	0.00	1.00

Categorical Variable Codes

Value	R1PROXY	R2PROXY	R3PROXY	R4PROXY	R5PROXY	R6PROXY	R7PROXY
0.not proxy	11924	9307	9539	10604	9737	9987	9069
1.proxy	175	125	232	446	537	614	597

Value	S1PROXY	S2PROXY	S3PROXY	S4PROXY	S5PROXY	S6PROXY	S7PROXY
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.not proxy	7948	6083	6228	7069	6546	6748	6076
1.proxy	122	95	158	333	418	494	484

How Constructed

RwPROXY is set to 1 if the interview is by proxy in the current wave. It is set to 0 if the respondent did not use a proxy. RwPROXY is set to plain missing (.) for respondents who did not respond to the current wave.

SwPROXY indicates whether the current wave’s spouse’s interview was conducted by a proxy. It is taken from the spouse's values to RwPROXY. If the respondent is not designated as coupled in the current wave

and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

```
Wave 1 Core:
    ASKPX1          whether interviewed by proxy
Wave 2 Core:
    ASKPX1          whether interviewed by proxy
Wave 3 Core:
    ASKPX           whether respondent had a proxy interview
Wave 4 Core:
    ASKPX           whether respondent had an interview by proxy
Wave 5 Core:
    ASKPX           whether respondent had an interview by proxy
Wave 6 Core:
    ASKPX           whether respondent had an interview by proxy
Wave 7 Core:
    ASKPX           whether respondent had an interview by proxy
```

Interview Dates

Wave	Variable	Label	Type
1	HH1IWHH	hh1iwhh:w1 household interview date	Cont
2	HH2IWHH	hh2iwhh:w2 household interview date	Cont
3	HH3IWHH	hh3iwhh:w3 household interview date	Cont
4	HH4IWHH	hh4iwhh:w4 household interview date	Cont
1	HH1IWHHF	hh1iwhhf:w1 household interview date flag	Categ
2	HH2IWHHF	hh2iwhhf:w2 household interview date flag	Categ
3	HH3IWHHF	hh3iwhhf:w3 household interview date flag	Categ
4	HH4IWHHF	hh4iwhhf:w4 household interview date flag	Categ
1	R1IWIND	r1iwind:w1 r individual interview date	Cont
2	R2IWIND	r2iwind:w2 r individual interview date	Cont
3	R3IWIND	r3iwind:w3 r individual interview date	Cont
4	R4IWIND	r4iwind:w4 r individual interview date	Cont
5	R5IWIND	r5iwind:w5 r individual interview date	Cont
6	R6IWIND	r6iwind:w6 r individual interview date	Cont
7	R7IWIND	r7iwind:w7 r individual interview date	Cont
1	S1IWIND	s1iwind:w1 s individual interview date	Cont
2	S2IWIND	s2iwind:w2 s individual interview date	Cont
3	S3IWIND	s3iwind:w3 s individual interview date	Cont
4	S4IWIND	s4iwind:w4 s individual interview date	Cont
5	S5IWIND	s5iwind:w5 s individual interview date	Cont
6	S6IWIND	s6iwind:w6 s individual interview date	Cont
7	S7IWIND	s7iwind:w7 s individual interview date	Cont
1	R1IWINDF	r1iwindf:w1 r individual interview date flag	Categ
2	R2IWINDF	r2iwindf:w2 r individual interview date flag	Categ
3	R3IWINDF	r3iwindf:w3 r individual interview date flag	Categ
4	R4IWINDF	r4iwindf:w4 r individual interview date flag	Categ
5	R5IWINDF	r5iwindf:w5 r individual interview date flag	Categ
6	R6IWINDF	r6iwindf:w6 r individual interview date flag	Categ
7	R7IWINDF	r7iwindf:w7 r individual interview date flag	Categ
1	S1IWINDF	s1iwindf:w1 s individual interview date flag	Categ
2	S2IWINDF	s2iwindf:w2 s individual interview date flag	Categ
3	S3IWINDF	s3iwindf:w3 s individual interview date flag	Categ
4	S4IWINDF	s4iwindf:w4 s individual interview date flag	Categ
5	S5IWINDF	s5iwindf:w5 s individual interview date flag	Categ
6	S6IWINDF	s6iwindf:w6 s individual interview date flag	Categ
7	S7IWINDF	s7iwindf:w7 s individual interview date flag	Categ
1	HH1IWHHM	hh1iwhhm:w1 household interview month	Cont
2	HH2IWHHM	hh2iwhhm:w2 household interview month	Cont
3	HH3IWHHM	hh3iwhhm:w3 household interview month	Cont
4	HH4IWHHM	hh4iwhhm:w4 household interview month	Cont
1	HH1IWHHY	hh1iwhhy:w1 household interview year	Cont
2	HH2IWHHY	hh2iwhhy:w2 household interview year	Cont
3	HH3IWHHY	hh3iwhhy:w3 household interview year	Cont
4	HH4IWHHY	hh4iwhhy:w4 household interview year	Cont
1	R1IWINDM	r1iwindm:w1 r individual interview month	Cont
2	R2IWINDM	r2iwindm:w2 r individual interview month	Cont
3	R3IWINDM	r3iwindm:w3 r individual interview month	Cont
4	R4IWINDM	r4iwindm:w4 r individual interview month	Cont
5	R5IWINDM	r5iwindm:w5 r individual interview month	Cont

```
  6  R6IWINDM      r6iwindm:w6 r individual interview month                    Cont
  7  R7IWINDM      r7iwindm:w7 r individual interview month                    Cont

  1  S1IWINDM      s1iwindm:w1 s individual interview month                    Cont
  2  S2IWINDM      s2iwindm:w2 s individual interview month                    Cont
  3  S3IWINDM      s3iwindm:w3 s individual interview month                    Cont
  4  S4IWINDM      s4iwindm:w4 s individual interview month                    Cont
  5  S5IWINDM      s5iwindm:w5 s individual interview month                    Cont
  6  S6IWINDM      s6iwindm:w6 s individual interview month                    Cont
  7  S7IWINDM      s7iwindm:w7 s individual interview month                    Cont

  1  R1IWINDY      r1iwindy:w1 r individual interview year                     Cont
  2  R2IWINDY      r2iwindy:w2 r individual interview year                     Cont
  3  R3IWINDY      r3iwindy:w3 r individual interview year                     Cont
  4  R4IWINDY      r4iwindy:w4 r individual interview year                     Cont
  5  R5IWINDY      r5iwindy:w5 r individual interview year                     Cont
  6  R6IWINDY      r6iwindy:w6 r individual interview year                     Cont
  7  R7IWINDY      r7iwindy:w7 r individual interview year                     Cont

  1  S1IWINDY      s1iwindy:w1 s individual interview year                     Cont
  2  S2IWINDY      s2iwindy:w2 s individual interview year                     Cont
  3  S3IWINDY      s3iwindy:w3 s individual interview year                     Cont
  4  S4IWINDY      s4iwindy:w4 s individual interview year                     Cont
  5  S5IWINDY      s5iwindy:w5 s individual interview year                     Cont
  6  S6IWINDY      s6iwindy:w6 s individual interview year                     Cont
  7  S7IWINDY      s7iwindy:w7 s individual interview year                     Cont
```

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1IWHH	12099	510.94	2.94	506.00	518.00
HH2IWHH	9432	538.59	2.78	533.00	546.00
HH3IWHH	9771	560.53	2.95	556.00	571.00
HH4IWHH	11050	585.60	3.31	581.00	594.00
HH1IWHHF	12099	0.00	0.00	0.00	0.00
HH2IWHHF	9432	0.00	0.00	0.00	0.00
HH3IWHHF	9771	0.00	0.00	0.00	0.00
HH4IWHHF	11050	0.00	0.00	0.00	0.00
R1IWIND	12099	510.96	2.94	506.00	518.00
R2IWIND	9432	538.61	2.78	533.00	546.00
R3IWIND	9771	560.54	2.96	556.00	571.00
R4IWIND	11050	585.61	3.31	581.00	594.00
R5IWIND	10274	609.89	2.53	606.00	617.00
R6IWIND	10601	632.82	2.43	628.00	640.00
R7IWIND	9666	657.09	2.67	653.00	664.00
S1IWIND	8070	510.95	2.94	506.00	518.00
S2IWIND	6178	538.64	2.76	533.00	545.00
S3IWIND	6386	560.60	2.96	556.00	571.00
S4IWIND	7402	585.67	3.28	581.00	594.00
S5IWIND	6964	609.98	2.51	606.00	617.00
S6IWIND	7242	632.90	2.42	628.00	640.00
S7IWIND	6560	657.15	2.69	653.00	664.00
R1IWINDF	12099	0.00	0.00	0.00	0.00
R2IWINDF	9432	0.00	0.00	0.00	0.00
R3IWINDF	9771	0.00	0.00	0.00	0.00
R4IWINDF	11050	0.00	0.00	0.00	0.00
R5IWINDF	10274	0.00	0.00	0.00	0.00
R6IWINDF	10601	0.00	0.00	0.00	0.00

R7IWINDF	9666	0.00	0.00	0.00	0.00
S1IWINDF	8070	0.00	0.00	0.00	0.00
S2IWINDF	6178	0.00	0.00	0.00	0.00
S3IWINDF	6386	0.00	0.00	0.00	0.00
S4IWINDF	7402	0.00	0.00	0.00	0.00
S5IWINDF	6964	0.00	0.00	0.00	0.00
S6IWINDF	7242	0.00	0.00	0.00	0.00
S7IWINDF	6560	0.00	0.00	0.00	0.00
HH1IWHHM	12099	6.45	2.88	1.00	12.00
HH2IWHHM	9432	6.28	3.84	1.00	12.00
HH3IWHHM	9771	7.49	3.17	1.00	12.00
HH4IWHHM	11050	6.35	3.53	1.00	12.00
HH1IWHHY	12099	2002.12	0.33	2002.00	2003.00
HH2IWHHY	9432	2004.44	0.50	2004.00	2005.00
HH3IWHHY	9771	2006.17	0.38	2006.00	2007.00
HH4IWHHY	11050	2008.35	0.48	2008.00	2009.00
R1IWINDM	12099	6.46	2.89	1.00	12.00
R2IWINDM	9432	6.28	3.84	1.00	12.00
R3IWINDM	9771	7.49	3.17	1.00	12.00
R4IWINDM	11050	6.35	3.53	1.00	12.00
R5IWINDM	10274	7.14	3.78	1.00	12.00
R6IWINDM	10601	8.06	3.16	1.00	12.00
R7IWINDM	9666	7.64	3.29	1.00	12.00
S1IWINDM	8070	6.44	2.88	1.00	12.00
S2IWINDM	6178	6.23	3.84	1.00	12.00
S3IWINDM	6386	7.50	3.19	1.00	12.00
S4IWINDM	7402	6.33	3.55	1.00	12.00
S5IWINDM	6964	7.05	3.83	1.00	12.00
S6IWINDM	7242	8.07	3.19	1.00	12.00
S7IWINDM	6560	7.57	3.33	1.00	12.00
R1IWINDY	12099	2002.13	0.33	2002.00	2003.00
R2IWINDY	9432	2004.44	0.50	2004.00	2005.00
R3IWINDY	9771	2006.17	0.38	2006.00	2007.00
R4IWINDY	11050	2008.36	0.48	2008.00	2009.00
R5IWINDY	10274	2010.31	0.46	2010.00	2011.00
R6IWINDY	10601	2012.15	0.35	2012.00	2013.00
R7IWINDY	9666	2014.20	0.40	2014.00	2015.00
S1IWINDY	8070	2002.13	0.33	2002.00	2003.00
S2IWINDY	6178	2004.45	0.50	2004.00	2005.00
S3IWINDY	6386	2006.17	0.38	2006.00	2007.00
S4IWINDY	7402	2008.36	0.48	2008.00	2009.00
S5IWINDY	6964	2010.33	0.47	2010.00	2011.00
S6IWINDY	7242	2012.15	0.36	2012.00	2013.00
S7IWINDY	6560	2014.21	0.41	2014.00	2015.00

Categorical Variable Codes

Value	HH1IWHHF	HH2IWHHF	HH3IWHHF	HH4IWHHF
0.m/y ok	12099	9432	9771	11050

Value	R1IWINDF	R2IWINDF	R3IWINDF	R4IWINDF	R5IWINDF	R6IWINDF	R7IWINDF
0.m/y ok	12099	9432	9771	11050	10274	10601	9666

Value	S1IWINDF	S2IWINDF	S3IWINDF	S4IWINDF	S5IWINDF	S6IWINDF	S7IWINDF
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558

0.m/y ok	8070	6178	6386	7402	6964	7242	6560

How Constructed

HHwIWHH indicates the household interview date in Stata date format. Stata date format stores dates as the number of months since January 1960. HHwIWHHM and HHwIWHHY indicate the household interview month and year, respectively, not in Stata date format. HHwIWHH, HHwIWHHM, and HHwIWHHY are set to plain missing (.) for respondents who did not respond to the current wave.

RwIWIND indicates the individual interview date in Stata date format, which is the number of months relative to January 1960. RwIWINDM and RwIWINDY indicate the household interview month and year, respectively, not in Stata date format. RwIWIND, RwIWINDM, and RwIWINDY are set to plain missing (.) for respondents who did not respond to the current wave.

SwIWIND, SwIWINDM, and SwIWINDY indicate the current wave’s spouse’s individual interview date, month, and year, respectively. They are taken from the spouse's values to RwIWIND, RwIWINDM, and RwIWINDY, respectively. If the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used.

HHwIWHHF and RwIWINDF are flag variables which flag household and interview dates, respectively, when they are missing either month or year information. A code of 0 indicates that both month and year information was correct. A code of 1 indicates that the interview month was not available. A code of 2 indicates that the interview year was missing, possibly in addition to a missing interview month. HHwIWHHF and RwIWINDF are set to plain missing (.) for respondents who did not respond to the current wave.

SwIWINDF flags the current wave’s spouse’s individual interview date. SwIWINDF is taken from the spouse's values to RwIWINDF. If the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used.

Cross Wave Differences in ELSA

The variables month of household interview and year of household interview are not available starting in the wave 5 raw data files.

Differences with the RAND HRS

Unlike the HRS, ELSA does not mark interviews with beginning and end dates. Instead, ELSA provides one interview date for the household interview and one interview date for the individual interview. ELSA provides interview date information down to the year and month. Because ELSA does not provide beginning or ending dates, there are no midpoint calculations provided here, unlike in the RAND HRS.

ELSA Variables Used

```
Wave 1 Core:
    IINTDTM        month of individual interview: month of date: today~s da
    IINTDTY        year of individual interview: year of date: today~s date
    INTDATM        month of household interview
    INTDATY        year of household interview
Wave 2 Core:
    IINTDTM        month of individual interview
    IINTDTY        year of individual interview
    INTDATM        month of household interview
    INTDATY        year of household interview
Wave 3 Core:
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
    INTDATM        month of household interview
    INTDATY        year of household interview
Wave 4 Core:
```

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    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
    INTDATM        month of household interview
    INTDATY        year of household interview
Wave 5 Core:
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 6 Core:
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 7 Core:
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
```

Birth Date: Year

Wave	Variable	Label	Type
1	RABYEAR	rabyear: r birth year	Cont
1	S1BYEAR	s1byear:w1 s birth year	Cont
2	S2BYEAR	s2byear:w2 s birth year	Cont
3	S3BYEAR	s3byear:w3 s birth year	Cont
4	S4BYEAR	s4byear:w4 s birth year	Cont
5	S5BYEAR	s5byear:w5 s birth year	Cont
6	S6BYEAR	s6byear:w6 s birth year	Cont
7	S7BYEAR	s7byear:w7 s birth year	Cont
1	RAFBYEAR	rafbyear: r flag birth year bottom-coded	Categ
1	S1FBYEAR	s1fbyear:w1 s flag birth year bottom-coded	Categ
2	S2FBYEAR	s2fbyear:w2 s flag birth year bottom-coded	Categ
3	S3FBYEAR	s3fbyear:w3 s flag birth year bottom-coded	Categ
4	S4FBYEAR	s4fbyear:w4 s flag birth year bottom-coded	Categ
5	S5FBYEAR	s5fbyear:w5 s flag birth year bottom-coded	Categ
6	S6FBYEAR	s6fbyear:w6 s flag birth year bottom-coded	Categ
7	S7FBYEAR	s7fbyear:w7 s flag birth year bottom-coded	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RABYEAR	18488	1942.56	12.30	1908.00	1987.00
S1BYEAR	8070	1939.68	10.00	1912.00	1981.00
S2BYEAR	6178	1940.38	9.66	1912.00	1987.00
S3BYEAR	6385	1943.62	10.13	1912.00	1987.00
S4BYEAR	7402	1944.58	9.38	1912.00	1984.00
S5BYEAR	6964	1945.08	8.96	1915.00	1984.00
S6BYEAR	7242	1947.07	9.33	1915.00	1984.00
S7BYEAR	6560	1948.14	9.45	1915.00	1985.00
RAFBYEAR	18488	0.01	0.09	0.00	7.00
S1FBYEAR	8070	0.00	0.04	0.00	1.00
S2FBYEAR	6178	0.00	0.03	0.00	1.00
S3FBYEAR	6385	0.00	0.02	0.00	1.00
S4FBYEAR	7402	0.00	0.00	0.00	0.00
S5FBYEAR	6964	0.00	0.00	0.00	0.00
S6FBYEAR	7242	0.00	0.00	0.00	0.00
S7FBYEAR	6560	0.00	0.09	0.00	7.00

Categorical Variable Codes

Value	RAFBYEAR
.d:DK	1
0. =year	18395
1. =1912 if 90 or older at	92
7. =1922 if 90 or older at	1

Value	S1FBYEAR	S2FBYEAR	S3FBYEAR	S4FBYEAR	S5FBYEAR	S6FBYEAR	S7FBYEAR
.d:DK			1				
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0. =year	8060	6172	6383	7402	6964	7242	6559

```
1. =1912 if 90 or older at |          10          6          2
7. =1922 if 90 or older at |                                                                  1
```

How Constructed

RABYEAR is the respondent’s reported birth year. ELSA does not provide birth year information for individuals 90 years old or older at any given survey. If birth year is first available in ELSA Wave 1 data, respondents born on or before 02/29/1912 have a value of 1912 in RABYEAR. If birth year is first available in ELSA Wave 2 data, respondents born on or before 02/29/1914 have a value of 1914 in RABYEAR. If birth year is first available in ELSA Wave 3 data, respondents born on or before 02/29/1916 have a value of 1916 in RABYEAR. If birth year is first available in ELSA Wave 4 data, respondents born on or before 02/29/1918 have a value of 1918 in RABYEAR. If birth year is first available in ELSA Wave 5 data, respondents born on or before 02/29/1920 have a value of 1920 in RABYEAR. If birth year is first available in ELSA Wave 6 data, respondents born on or before 02/29/1922 have a value of 1922 in RABYEAR. If birth year is first available in ELSA Wave 7 data, respondents born on or before 02/29/1924 have a value of 1924 in RABYEAR. RABYEAR is set to plain missing (.) for respondents who did not respond to any wave.

RAFBYEAR is a flag indicating whether or not the respondent's age in RABYEAR is bottom-coded. A code of 0 indicates that the respondent's value in RABYEAR represents the respondent's reported birth year. A code of 1 indicates that the respondent's value in RABYEAR is a bottom-coded value of 1912 because the respondent was born on or before 02/29/1912. A code of 2 indicates that the respondent's value in RABYEAR is a bottom-coded value of 1914 because the respondent was born on or before 02/29/1914. A code of 3 indicates that the respondent's value in RABYEAR is a bottom-coded value of 1916 because the respondent was born on or before 02/29/1916. A code of 4 indicates that the respondent's value in RABYEAR is a bottom-coded value of 1918 because the respondent was born on or before 02/29/1918. A code of 5 indicates that the respondent's value in RABYEAR is a bottom-coded value of 1920 because the respondent was born on or before 02/29/1920. A code of 6 indicates that the respondent's value in RABYEAR is a bottom-coded value of 1922 because the respondent was born on or before 02/29/1922. A code of 7 indicates that the respondent's value in RABYEAR is a bottom-coded value of 1924 because the respondent was born on or before 02/29/1924.

SwBYEAR is the current wave’s spouse’s birth year. It is taken from the spouse's values to RABYEAR. SwFBYEAR is a flag indicating whether or not the respondent's spouse's age in SwBYEAR is bottom-coded. It is taken from the spouse's values to RAFBYEAR. For these spouse variables, if the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used.

Cross Wave Differences in ELSA

Although the wording of birth year questions do not change between waves of ELSA, the birth year data provided by ELSA does. In the Index file, birth year is top-coded if the respondent is aged 99 or older as of 2013. In the core files for each wave birth year is top-coded for those respondents aged 90 or over at the time of the interview. RABYEAR is based on the birth year provided by whichever file provides the earliest non-top-coded birth year. These cases can be identified using the flag variable RAFBYEAR.

Wave 6 and 7 respondents are not currently included in the Index file, so the values are taken from the corresponding wave's core data file.

Differences with the RAND HRS

Unlike the HRS, ELSA does not give birthdate information beyond the birth year. Because ELSA does not give birth date information beyond the birth year there is no reason to calculate birthdate from anything other than the respondent’s birth year. Also unlike the HRS, ELSA does not provide birth year information for individual’s age 90 or older at the time of time survey.

ELSA Variables Used

```
Index File:
    DOBYEAR        year of birth, collapsed for those aged 99 or over
Wave 1 Core:
```

```
    INDOBYR        year of birth combined hh grid and individual demographi
Wave 2 Core:
    INDOBYR        definitive year of birth collapsed at 90 plus. priority:
Wave 3 Core:
    INDOBYR        definitive year of birth collapsed at 90 plus. priority:
Wave 4 Core:
    INDOBYR        definitive year of birth collapsed at 90 plus. priority:
Wave 5 Core:
    INDOBYR        definitive year of birth collapsed at 90 plus. priority:
Wave 6 Core:
    INDOBYR        definitive year of birth collapsed at 90 plus
Wave 7 Core:
    INDOBYR        definitive year of birth collapsed at 90 plus
```

Death Date: Year

Wave	Variable	Label	Type
1	RADYEAR	radyear: r death year	Cont
1	S1DYEAR	s1dyear:w1 s death year	Cont
2	S2DYEAR	s2dyear:w2 s death year	Cont
3	S3DYEAR	s3dyear:w3 s death year	Cont
4	S4DYEAR	s4dyear:w4 s death year	Cont
5	S5DYEAR	s5dyear:w5 s death year	Cont
6	S6DYEAR	s6dyear:w6 s death year	Cont
7	S7DYEAR	s7dyear:w7 s death year	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RADYEAR	2543	2007.38	2.80	2000.00	2012.00
S1DYEAR	1223	2007.33	2.78	2002.00	2012.00
S2DYEAR	716	2008.37	2.12	2004.00	2012.00
S3DYEAR	448	2009.26	1.54	2006.00	2012.00
S4DYEAR	285	2010.12	0.94	2008.00	2012.00
S5DYEAR	87	2011.05	0.50	2010.00	2012.00
S6DYEAR	31	2011.42	0.62	2010.00	2012.00
S7DYEAR	0	.	.	.	.

How Constructed

RADYEAR is the respondent’s reported death year. In waves 1-5, RADYEAR is derived from individual wave specific outcomes in the ELSA Index file. In wave 6, RADYEAR is derived from the Wave 6 End of Life Archive. If there is no death date, a missing code of .X is assigned to RADYEAR.

SwDYEAR is the current wave's spouse's death year. It is taken from the spouse's values to RADYEAR. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

While the respondent's reported death year is derived from the ELSA Index file in waves 1-5, death year is unavailable for wave 6 in the Index file. For Wave 6, death year is derived from the Wave 6 End of Life Archive. The end of life data is not yet available for Wave 7.

Differences with the RAND HRS

While the Rand HRS provides death date, month, and year for the respondent, ELSA only provides the respondent's death year.

ELSA Variables Used

Index File:
    YRDEATH year of death - updated feb 2012
Wave 6 End of Life:
    EIDATEY year of death

Age at Interview (In Years)

Wave	Variable	Label	Type
1	R1AGEY	r1agey:w1 r age (years) at ivw	Cont
2	R2AGEY	r2agey:w2 r age (years) at ivw	Cont
3	R3AGEY	r3agey:w3 r age (years) at ivw	Cont
4	R4AGEY	r4agey:w4 r age (years) at ivw	Cont
5	R5AGEY	r5agey:w5 r age (years) at ivw	Cont
6	R6AGEY	r6agey:w6 r age (years) at ivw	Cont
7	R7AGEY	r7agey:w7 r age (years) at ivw	Cont
1	S1AGEY	s1agey:w1 s age (years) at ivw	Cont
2	S2AGEY	s2agey:w2 s age (years) at ivw	Cont
3	S3AGEY	s3agey:w3 s age (years) at ivw	Cont
4	S4AGEY	s4agey:w4 s age (years) at ivw	Cont
5	S5AGEY	s5agey:w5 s age (years) at ivw	Cont
6	S6AGEY	s6agey:w6 s age (years) at ivw	Cont
7	S7AGEY	s7agey:w7 s age (years) at ivw	Cont
1	R1FAGEY	r1fagey:w1 r flag age at iwv top-coded	Categ
2	R2FAGEY	r2fagey:w2 r flag age at iwv top-coded	Categ
3	R3FAGEY	r3fagey:w3 r flag age at iwv top-coded	Categ
4	R4FAGEY	r4fagey:w4 r flag age at iwv top-coded	Categ
5	R5FAGEY	r5fagey:w5 r flag age at iwv top-coded	Categ
6	R6FAGEY	r6fagey:w6 r flag age at iwv top-coded	Categ
7	R7FAGEY	r7fagey:w7 r flag age at iwv top-coded	Categ
1	S1FAGEY	s1fagey:w1 s flag age at iwv top-coded	Categ
2	S2FAGEY	s2fagey:w2 s flag age at iwv top-coded	Categ
3	S3FAGEY	s3fagey:w3 s flag age at iwv top-coded	Categ
4	S4FAGEY	s4fagey:w4 s flag age at iwv top-coded	Categ
5	S5FAGEY	s5fagey:w5 s flag age at iwv top-coded	Categ
6	S6FAGEY	s6fagey:w6 s flag age at iwv top-coded	Categ
7	S7FAGEY	s7fagey:w7 s flag age at iwv top-coded	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1AGEY	12099	64.12	10.90	20.00	90.00
R2AGEY	9432	65.69	10.47	17.00	90.00
R3AGEY	9770	64.45	11.15	19.00	90.00
R4AGEY	11050	65.13	10.24	24.00	90.00
R5AGEY	10274	66.68	9.86	26.00	90.00
R6AGEY	10601	66.48	10.20	28.00	90.00
R7AGEY	9666	67.30	10.15	29.00	90.00
S1AGEY	8070	61.96	9.98	20.00	90.00
S2AGEY	6178	63.56	9.62	17.00	90.00
S3AGEY	6385	62.15	10.08	19.00	90.00
S4AGEY	7402	63.28	9.32	24.00	90.00
S5AGEY	6964	64.82	8.92	26.00	90.00
S6AGEY	7242	64.73	9.29	28.00	90.00
S7AGEY	6560	65.68	9.40	29.00	90.00
R1FAGEY	12099	0.01	0.09	0.00	1.00
R2FAGEY	9432	0.01	0.11	0.00	1.00
R3FAGEY	9770	0.01	0.11	0.00	1.00
R4FAGEY	11050	0.01	0.11	0.00	1.00
R5FAGEY	10274	0.02	0.13	0.00	1.00

R6FAGEY	10601	0.02	0.14	0.00	1.00
R7FAGEY	9666	0.02	0.14	0.00	1.00
S1FAGEY	8070	0.00	0.04	0.00	1.00
S2FAGEY	6178	0.00	0.06	0.00	1.00
S3FAGEY	6385	0.00	0.05	0.00	1.00
S4FAGEY	7402	0.00	0.06	0.00	1.00
S5FAGEY	6964	0.00	0.05	0.00	1.00
S6FAGEY	7242	0.00	0.06	0.00	1.00
S7FAGEY	6560	0.01	0.07	0.00	1.00

Categorical Variable Codes

Value	R1FAGEY	R2FAGEY	R3FAGEY	R4FAGEY	R5FAGEY	R6FAGEY	R7FAGEY
.d:DK			1				
0. =age	12004	9323	9654	10913	10098	10394	9473
1. =90, age>=90	95	109	116	137	176	207	193

Value	S1FAGEY	S2FAGEY	S3FAGEY	S4FAGEY	S5FAGEY	S6FAGEY	S7FAGEY
.d:DK			1				
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0. =age	8060	6155	6371	7378	6945	7219	6523
1. =90, age>=90	10	23	14	24	19	23	37

How Constructed

RwAGEY is the respondent’s age in years at the time of the current wave’s interview. Respondent’s age is provided directly by ELSA in the Core files. Respondent’s age is top-coded at 90 years old. All respondents who report an age of 90 or older have a value of 90 in RwAGEY.

RwFAGEY is a flag indicating whether or not the respondent's age in RwAGEY is top-coded at 90. A code of 0 indicates that the respondent's value in RwAGEY represents the respondent's reported age. A code of 1 indicates that the respondent's value in RwAGEY is a top-coded value of 90 because the respondent reported an age of 90 or older.

SwAGEY is the current wave’s spouse’s age in years at the time of the current wave’s interview. SwAGEY is taken from the spouse's value to RwAGEY. SwFAGEY is a flag indicating whether or not the respondent's spouse's age in SwAGEY is top-coded at 90. SwFAGEY is taken from the spouse's value to RwFAGEY. For these spouse variables, if the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, ELSA does not mark interviews with beginning and end dates. Instead, ELSA provides one interview date for the individual interview. Because ELSA does not provide beginning or ending dates, there are no midpoint calculations provided here, unlike the RAND HRS.

Also unlike the HRS, ELSA top-codes respondent’s age at 90, so all respondent's with age 90 or older are coded as 90. Refer to RwFAGEY to identify cases where a respondent's age has been top-coded.

ELSA Variables Used

Wave 1 Core:
    INDAGER age variable combined info from hh grid and individual d
Wave 2 Core:
    INDAGER definitive age variable collapsed at 90 plus. priority:

```
Wave 3 Core:
    INDAGER        definitive age variable collapsed at 90 plus. priority:
Wave 4 Core:
    INDAGER        definitive age variable collapsed at 90 plus. priority:
Wave 5 Core:
    INDAGER        definitive age variable collapsed at 90+ to avoid disclo
Wave 6 Core:
    INDAGER        definitive age variable collapsed at 90+ to avoid disclo
Wave 7 Core:
    INDAGER        definitive age variable collapsed at 90+ to avoid disclo
```

Gender

Wave	Variable	Label	Type
1	RAGENDER	ragender: r gender	Categ
1	S1GENDER	s1gender:w1 s gender	Categ
2	S2GENDER	s2gender:w2 s gender	Categ
3	S3GENDER	s3gender:w3 s gender	Categ
4	S4GENDER	s4gender:w4 s gender	Categ
5	S5GENDER	s5gender:w5 s gender	Categ
6	S6GENDER	s6gender:w6 s gender	Categ
7	S7GENDER	s7gender:w7 s gender	Categ
1	RAFGENDR	rafgendr: flag if problem with r gender	Categ
1	S1FGENDR	s1fgendr:w1 flag if problem with s gender	Categ
2	S2FGENDR	s2fgendr:w2 flag if problem with s gender	Categ
3	S3FGENDR	s3fgendr:w3 flag if problem with s gender	Categ
4	S4FGENDR	s4fgendr:w4 flag if problem with s gender	Categ
5	S5FGENDR	s5fgendr:w5 flag if problem with s gender	Categ
6	S6FGENDR	s6fgendr:w6 flag if problem with s gender	Categ
7	S7FGENDR	s7fgendr:w7 flag if problem with s gender	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RAGENDER	18489	1.54	0.50	1.00	2.00
S1GENDER	8070	1.50	0.50	1.00	2.00
S2GENDER	6178	1.50	0.50	1.00	2.00
S3GENDER	6386	1.50	0.50	1.00	2.00
S4GENDER	7402	1.50	0.50	1.00	2.00
S5GENDER	6964	1.50	0.50	1.00	2.00
S6GENDER	7242	1.50	0.50	1.00	2.00
S7GENDER	6560	1.50	0.50	1.00	2.00
RAFGENDR	18489	0.00	0.01	0.00	1.00
S1FGENDR	8070	0.00	0.00	0.00	0.00
S2FGENDR	6178	0.00	0.01	0.00	1.00
S3FGENDR	6386	0.00	0.01	0.00	1.00
S4FGENDR	7402	0.00	0.01	0.00	1.00
S5FGENDR	6964	0.00	0.01	0.00	1.00
S6FGENDR	7242	0.00	0.01	0.00	1.00
S7FGENDR	6560	0.00	0.01	0.00	1.00

Categorical Variable Codes

Value	RAGENDER
1.male	8413
2.female	10076

Value	S1GENDER	S2GENDER	S3GENDER	S4GENDER	S5GENDER	S6GENDER	S7GENDER
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.male	4035	3090	3192	3695	3477	3613	3271
2.female	4035	3088	3194	3707	3487	3629	3289

Value	RAFGENDR

0.no gender problem	18486
1.gender prob, used first	3

Value	S1FGENDR	S2FGENDR	S3FGENDR	S4FGENDR	S5FGENDR	S6FGENDR	S7FGENDR
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no gender problem	8070	6177	6385	7401	6963	7241	6559
1.gender prob, used first		1	1	1	1	1	1

How Constructed

Gender was derived by looking at reports from all waves of data. RAGENDER is set to 1 for male and 2 for female. The first non-missing gender was always used.

There are cases where gender changed from year to year. These cases are flagged by RAFGENDR where a code of 0 indicates that gender remained the same over all reports of non-missing gender and a code of 1 indicates that gender changed between at least one case of non-missing gender in which case the first reported gender is included in RAGENDER.

RAGENDER and RAFGENDR are set to plain missing (.) for respondents who did not provide gender information in any wave.

SwGENDER indicates the current wave’s spouse’s gender. It is taken from the spouse's reported values to RAGENDER. If the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used.

SwFGENDR flags the current wave’s spouse’s gender. It is taken from the spouse's values to RAFGENDR. If the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

Wave 1 Core:
    INDSEX sex - priority: disex, dhsex
Wave 2 Core:
    INDSEX definitive sex variable. priority: disex, dhsex
Wave 3 Core:
    INDSEX definitive sex variable. priority: disex, dhsex
Wave 4 Core:
    INDSEX definitive sex variable. priority: disex, dhsex
Wave 5 Core:
    INDSEX definitive sex variable
Wave 6 Core:
    INDSEX definitive sex variable: priority disex, dhsex
Wave 7 Core:
    INDSEX definitive sex variable: priority disex, dhsex

Race

Wave	Variable	Label	Type
1	RARACEM	raracem: r race - masked	Categ
1	S1RACEM	s1racem:w1 s race - masked	Categ
2	S2RACEM	s2racem:w2 s race - masked	Categ
3	S3RACEM	s3racem:w3 s race - masked	Categ
4	S4RACEM	s4racem:w4 s race - masked	Categ
5	S5RACEM	s5racem:w5 s race - masked	Categ
6	S6RACEM	s6racem:w6 s race - masked	Categ
7	S7RACEM	s7racem:w7 s race - masked	Categ
1	RARACEF	raracef: flag if problem with r race	Categ
1	S1RACEF	s1racef:w1 flag if problem with s race	Categ
2	S2RACEF	s2racef:w2 flag if problem with s race	Categ
3	S3RACEF	s3racef:w3 flag if problem with s race	Categ
4	S4RACEF	s4racef:w4 flag if problem with s race	Categ
5	S5RACEF	s5racef:w5 flag if problem with s race	Categ
6	S6RACEF	s6racef:w6 flag if problem with s race	Categ
7	S7RACEF	s7racef:w7 flag if problem with s race	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RARACEM	18464	1.12	0.59	1.00	4.00
S1RACEM	8054	1.08	0.49	1.00	4.00
S2RACEM	6173	1.06	0.42	1.00	4.00
S3RACEM	6383	1.09	0.50	1.00	4.00
S4RACEM	7394	1.10	0.54	1.00	4.00
S5RACEM	6959	1.10	0.55	1.00	4.00
S6RACEM	7240	1.12	0.58	1.00	4.00
S7RACEM	6554	1.12	0.59	1.00	4.00
RARACEF	18468	0.00	0.04	0.00	1.00
S1RACEF	8070	0.00	0.00	0.00	0.00
S2RACEF	6171	0.00	0.04	0.00	1.00
S3RACEF	6381	0.00	0.04	0.00	1.00
S4RACEF	7390	0.00	0.05	0.00	1.00
S5RACEF	6959	0.00	0.05	0.00	1.00
S6RACEF	7240	0.00	0.04	0.00	1.00
S7RACEF	6554	0.00	0.04	0.00	1.00

Categorical Variable Codes

Value	RARACEM
.d:DK	3
.m:Missing	11
.r:Refuse	11
1.white	17717
4.non-white	747

Value	S1RACEM	S2RACEM	S3RACEM	S4RACEM	S5RACEM	S6RACEM	S7RACEM
.d:DK					2		2
.m:Missing	13	4	2			1	
.r:Refuse	3	1	1	8	3	1	4

.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.white	7835	6049	6198	7144	6717	6959	6291
4.non-white	219	124	185	250	242	281	263

Value	RARACEF
.m:Missing	21
0.no race problem	18434
1.race prob, used first	34

Value	S1RACEF	S2RACEF	S3RACEF	S4RACEF	S5RACEF	S6RACEF	S7RACEF
.m:Missing		7	5	12	5	2	6
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no race problem	8070	6161	6369	7373	6943	7226	6541
1.race prob, used first		10	12	17	16	14	13

How Constructed

Race is assigned by looking at reports from all waves of data. The first non-missing reported race was always used. RARACEM is set to 1 if the respondent reports being white and 4 if the respondent reports being non-white.

There are cases where race changed from year to year. These cases are flagged by RARACEF where a code of 0 indicates that race remained the same over all reports of non-missing race and a code of 1 indicates that race changed between at least one case of non-missing reported race in which case the value of the first reported race is included in RARACEM.

Don’t know, refused, or other missing responses of RARACEM are assigned special missing codes .d, .r, .m respectively. RARACEM is set to plain missing (.) for respondents who did not respond to any waves.

SwRACEM indicates the current wave’s spouse’s race. It is taken from the spouse's reported values to RARACEM. In addition to the special missing codes used in RARACEM, SwRACEM employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used.

SwRACEF flags the current wave’s spouse’s race. It is taken from the spouse's values to RARACEF. In addition to the special missing codes used in RARACEF, SwRACEF employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, ELSA only reports race as white or non-white.

ELSA Variables Used

```
Wave 1 Core:
    AETHNICR       hse ethnic group collapsed into white and non-white to a
    FQETHNR        elsa ethnic group collapsed into white and non-white to
Wave 2 Core:
    FQETHNR        ethnicity recoded into white and non-white
Wave 3 Core:
    FQETHNR        ethnicity recoded into white and non-white
Wave 4 Core:
    FQETHNR        ethnicity recoded into white and non-white
Wave 5 Core:
    FQETHNR        ethnicity recoded into white and non-white
```

```
Wave 6 Core:
    FQETHNR        ethnicity recoded into white and non-white
Wave 7 Core:
    FQETHNR        ethnicity recoded into white and non-white
```

Education: Categorical Summary

Wave	Variable	Label	Type
1	RAEDUC_E	raeduc_e: r education (categ)	Categ
1	S1EDUC_E	s1educ_e:w1 s education (categ)	Categ
2	S2EDUC_E	s2educ_e:w2 s education (categ)	Categ
3	S3EDUC_E	s3educ_e:w3 s education (categ)	Categ
4	S4EDUC_E	s4educ_e:w4 s education (categ)	Categ
5	S5EDUC_E	s5educ_e:w5 s education (categ)	Categ
6	S6EDUC_E	s6educ_e:w6 s education (categ)	Categ
7	S7EDUC_E	s7educ_e:w7 s education (categ)	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RAEDUC_E	14957	2.56	1.58	1.00	5.00
S1EDUC_E	7379	2.58	1.56	1.00	5.00
S2EDUC_E	5608	2.69	1.56	1.00	5.00
S3EDUC_E	5942	2.88	1.57	1.00	5.00
S4EDUC_E	5371	2.90	1.58	1.00	5.00
S5EDUC_E	5484	2.95	1.58	1.00	5.00
S6EDUC_E	5650	2.97	1.58	1.00	5.00
S7EDUC_E	5085	3.01	1.56	1.00	5.00

Categorical Variable Codes

Value	RAEDUC_E
.d:DK	35
.h:missing hse value	1794
.m:Missing	661
.o:other	1015
.r:Refuse	27
1.lt high-school	7025
3.high-school graduate	2797
4.some college	2833
5.college and above	2302

Value	S1EDUC_E	S2EDUC_E	S3EDUC_E	S4EDUC_E	S5EDUC_E	S6EDUC_E	S7EDUC_E
.d:DK	9	6	4	6	10	14	15
.h:missing hse value				1620	1083	943	793
.m:Missing	16	69	40	39	53	344	421
.o:other	660	493	398	350	328	284	237
.r:Refuse	6	2	2	16	6	7	9
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.lt high-school	3379	2370	2200	1961	1934	1951	1686
3.high-school graduate	1421	1122	1245	1135	1156	1174	1111
4.some college	1534	1243	1323	1170	1208	1290	1158
5.college and above	1045	873	1174	1105	1186	1235	1130

How Constructed

The ELSA surveys respondents as to educational qualifications using a show card from which respondents mention all qualifications they have obtained and are asked to specify any educational qualifications he/she has achieved which are not on the show card. The ELSA then provides a set of merged variables which re-categorizes any respondent-specified qualifications which ELSA believes should be grouped with a qualification which was on the show card. The education categorical summary is constructed by looking at the merged reports from all waves of educational qualifications. The first non-missing merged report of

education was always used. RAEDUC_E is defined using the RAND HRS categorical summary of education: Less than high school, high school graduate, some college, and college and above. ELSA surveys respondents as to their highest educational qualification. The categorical equivalent of education is imputed from education qualification following the conversion table in Appendix A. Don't know, refused, or other missing responses of RAEDUC_E are assigned special missing codes .d, .r, or .m, respectively. A special missing code .o is used when the respondent reported an educational category which was not included on ELSA's show card or he/she reported an educational category which is too general for meaningful imputation e.g. trade apprenticeship. A special missing code .h is used when the respondent is missing a value for educational qualifications because the respondent reported their educational qualifications during an HSE survey of which the values have not been released by ELSA. RAEDUC_E is set to plain missing (.) for respondents who did not report education information in any wave.

SwEDUC_E indicates the current wave's spouse's category of education. It is taken from the spouse's values to RAEDUC_E. In addition to the special missing codes used by RAEDUC_E, SwEDUC_E employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

In Wave 1, ELSA asks all respondents whether they have obtained any educational qualifications since the HSE survey if they provided information regarding educational qualifications during the HSE survey. If the respondent reports no further qualifications, they are not re-asked educational qualification questions. If the respondent did not provide information regarding educational qualifications during the HSE survey or if the respondent reported he/she had obtained further qualifications, he/she is asked to identify their qualifications. Starting in Wave 2, returning respondents are asked whether they archived any educational qualifications since the last interview. If the respondent is new to the sample or if the respondent is returning and reported he/she had obtained further qualifications, he/she is asked to identify their qualifications. When respondents reported they obtained further educational qualifications, they were shown a show card of different educational achievements and told to identify any achievement they had obtained.

In the Wave 1 Core dataset, ELSA includes a variable which identifies which of the reported educational achievement levels was the highest. In the Wave 2 Core dataset, ELSA included two variables which indicate the first and second educational qualifications the respondent mentioned from the show card. In all later wave core datasets, ELSA includes individual variables for each educational achievement included on the show card indicating whether or not the respondent mentioned that particular achievement. The result of the difference between the provided data in Wave 1, Wave 2, and the later waves is that if the respondent identified more than 2 educational achievements in Wave 2, those additional achievements are not captured in RAEDUC_E, whereas if the respondent identified more than 2 educational achievements in Wave 1 and Wave 3 forward, all those educational achievements would all be captured in RAEDUC_E.

There was an error in Wave 3 routing which did not ask returning respondents whether they had obtained further qualifications since their last wave, so all returning respondents were re-asked their academic qualifications. The .h missings in Wave 4 would also be present in Wave 3 if not for this routing error. Because the HSE values for the Wave 3, Wave 4, Wave 6 and wave 7 refreshment samples have not been made available, all Wave 4, Wave 6 and Wave 7 refreshment respondents who reported in Wave 4, Wave 6 or Wave 7 that they had not further obtained any qualifications have .h missing values for RAEDUC_E.

Differences with the RAND HRS

Unlike the HRS, ELSA does not survey respondents as to their highest U.S. educational category. ELSA surveys respondents as to their English educational qualifications. The highest U.S. educational category equivalent is imputed from highest English education qualifications following the conversion table in Appendix A.

ELSA Variables Used

```
Wave 1 Core:
    EDQUAL          (d) highest educational qualification at elsa w1
Wave 2 Core:
```

```
    FQAQUA          whether has any qualitfications
    FQMQUA          whether has obtained further qualifications since last i
    FQQUZM1         further qualifications obtained since last interview (1s
    FQQUZM2         further qualifications obtained since last interview (2n
Wave 3 Core:
    FQAQUA          whether has any qualitfications
    FQMQUA          whether has obtained further qualifications since last i
    FQQUMALE        qualification: a-levels/higher school certificate (merge
    FQQUMASL        qualification: as level (merged)
    FQQUMCGA        qualification: city and guilds advanced/final level (mer
    FQQUMCGF        qualification: city and guilds full technological certif
    FQQUMCGO        qualification: city and guilds craft/ordinary level (mer
    FQQUMCS1        qualification: cse grade 1/sce bands a-c/standard grade
    FQQUMCS2        qualification: cse grades 2-5/sce ordinary bands d-e (me
    FQQUMCSU        qualification: cse ungraded (merged)
    FQQUMDEG        qualification: degree/degree level qualification (incl h
    FQQUMGCA        qualification: gcse grades a-c (merged)
    FQQUMGCD        qualification: gcse grades d-g (merged)
    FQQUMHNC        qualification: hnc/hnd, bec/tec higher, btec higher/scot
    FQQUMMAT        qualification: school certificate or matric (merged)
    FQQUMNUR        qualification: nursing: srn, scm, sen, rgn, rm, rhv, mid
    FQQUMNV1        qualification: nvq level 1/foundation level gnvq (merged
    FQQUMNV2        qualification: nvq level 2/intermediate level gnvq (merg
    FQQUMNV3        qualification: nvq level 3/advanced level gnvq (merged)
    FQQUMNV4        qualification: nvq level 4 (merged)
    FQQUMNV5        qualification: nvq level 5 (merged)
    FQQUMOLA        qualification: o-level passes taken after 1975 grades a-
    FQQUMOLD        qualification: o-level passes taken after 1975 grades d-
    FQQUMOLP        qualification: o-level passes taken in 1975 or earlier (
    FQQUMONC        qualification: onc/ond/bec/tec/btec not higher (merged)
    FQQUMSLC        qualification: slc/sce/supe at higher grade / certif. of
    FQQUMSLL        qualification: slc lower (merged)
    FQQUMSUP        qualification: supe lower or ordinary (merged)
    FQQUMTEA        qualification: teaching qualification (merged)
Wave 4 Core:
    FQAQUA          whether has any qualifications
    FQMQUA          whether has obtained further qualifications since last i
    FQQUMALE        qualification: a-levels/higher school certificate (merge
    FQQUMASL        qualification: as level (merged)
    FQQUMCGA        qualification: city and guilds advanced/final level (mer
    FQQUMCGF        qualification: city and guilds full technological certif
    FQQUMCGO        qualification: city and guilds craft/ordinary level (mer
    FQQUMCS1        qualification: cse grade 1/sce bands a-c/standard grade
    FQQUMCS2        qualification: cse grades 2-5/sce ordinary bands d-e (me
    FQQUMCSU        qualification: cse ungraded (merged)
    FQQUMDEG        qualification: degree/degree level qualification (incl h
    FQQUMGCA        qualification: gcse grades a-c (merged)
    FQQUMGCD        qualification: gcse grades d-g (merged)
    FQQUMHNC        qualification: hnc/hnd, bec/tec higher, btec higher/scot
    FQQUMMAT        qualification: school certificate or matric (merged)
    FQQUMNUR        qualification: nursing: srn, scm, sen, rgn, rm, rhv, mid
    FQQUMNV1        qualification: nvq level 1/foundation level gnvq (merged
    FQQUMNV2        qualification: nvq level 2/intermediate level gnvq (merg
    FQQUMNV3        qualification: nvq level 3/advanced level gnvq (merged)
    FQQUMNV4        qualification: nvq level 4 (merged)
    FQQUMNV5        qualification: nvq level 5 (merged)
    FQQUMOLA        qualification: o-level passes taken after 1975 grades a-
    FQQUMOLD        qualification: o-level passes taken after 1975 grades d-
    FQQUMOLP        qualification: o-level passes taken in 1975 or earlier (
    FQQUMONC        qualification: onc/ond/bec/tec/btec not higher (merged)
    FQQUMSLC        qualification: slc/sce/supe at higher grade / certif. of
    FQQUMSLL        qualification: slc lower (merged)
    FQQUMSUP        qualification: supe lower or ordinary (merged)
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    FQQUMTEA        qualification: teaching qualification (merged)
Wave 5 Core:
    FQAQUA          whether has any qualifications
    FQMQUA          whether has obtained further qualifications since last i
    FQQUMALE        qualification: a-levels/higher school certificate (merge
    FQQUMASL        qualification: as level (merged)
    FQQUMCGA        qualification: city and guilds advanced/final level (mer
    FQQUMCGF        qualification: city and guilds full technological certif
    FQQUMCGO        qualification: city and guilds craft/ordinary level (mer
    FQQUMCS1        qualification: cse grade 1/sce bands a-c/standard grade
    FQQUMCS2        qualification: cse grades 2-5/sce ordinary bands d-e (me
    FQQUMCSU        qualification: cse ungraded (merged)
    FQQUMDEG        qualification: degree/degree level qualification (incl h
    FQQUMGCA        qualification: gcse grades a-c (merged)
    FQQUMGCD        qualification: gcse grades d-g (merged)
    FQQUMHNC        qualification: hnc/hnd, bec/tec higher, btec higher/scot
    FQQUMMAT        qualification: school certificate or matric (merged)
    FQQUMNUR        qualification: nursing: srn, scm, sen, rgn, rm, rhv, mid
    FQQUMNV1        qualification: nvq level 1/foundation level gnvq (merged
    FQQUMNV2        qualification: nvq level 2/intermediate level gnvq (merg
    FQQUMNV3        qualification: nvq level 3/advanced level gnvq (merged)
    FQQUMNV4        qualification: nvq level 4 (merged)
    FQQUMNV5        qualification: nvq level 5 (merged)
    FQQUMOLA        qualification: o-level passes taken after 1975 grades a-
    FQQUMOLD        qualification: o-level passes taken after 1975 grades d-
    FQQUMOLP        qualification: o-level passes taken in 1975 or earlier (
    FQQUMONC        qualification: onc/ond/bec/tec/btec not higher (merged)
    FQQUMSLC        qualification: slc/sce/supe at higher grade / certif. of
    FQQUMSLL        qualification: slc lower (merged)
    FQQUMSUP        qualification: supe lower or ordinary (merged)
    FQQUMTEA        qualification: teaching qualification (merged)
Wave 6 Core:
    FQAQUA          whether has any qualifications on card (qind.qfq.fqaqua)
    FQMQUA          whether obtained qualifications since last interview  (q
    FQQUMALE        qualification type: a-levels/higher school certificate (
    FQQUMASL        qualification type: as level (qind.qfq.fqqualm10)
    FQQUMCGA        qualification type: city and guilds advanced/final level
    FQQUMCGF        qualification type: city and guilds full technological c
    FQQUMCGO        qualification type: city and guilds craft/ordinary level
    FQQUMCS1        qualification type: cse grade 1/sce bands a-c/standard g
    FQQUMCS2        qualification type: cse grades 2-5/sce ordinary bands d-
    FQQUMCSU        qualification type: cse ungraded (qind.qfq.fqqualm19)
    FQQUMDEG        qualification type: degree/degree level qualification (i
    FQQUMGCA        qualification type: gcse grades a-c (qind.qfq.fqqualm15)
    FQQUMGCD        qualification type: gcse grades d-g (qind.qfq.fqqualm16)
    FQQUMHNC        qualification type: hnc/hnd, bec/tec higher, btec higher
    FQQUMMAT        qualification type: school certificate or matric (qind.q
    FQQUMNUR        qualification type: nursing qualifications srn, scm, sen
    FQQUMNV1        qualification type: nvq level 1/foundation level gnvq (q
    FQQUMNV2        qualification type: nvq level 2/intermediate level gnvq
    FQQUMNV3        qualification type: nvq level 3/advanced level gnvq (qin
    FQQUMNV4        qualification type: nvq level 4 (qind.qfq.fqqualm24)
    FQQUMNV5        qualification type: nvq level 5 (qind.qfq.fqqualm23)
    FQQUMOLA        qualification type: o-level passes taken after 1975 grad
    FQQUMOLD        qualification type: o-level passes taken after 1975 grad
    FQQUMOLP        qualification type: o-level passes taken in 1975 or earl
    FQQUMONC        qualification type: onc/ond/bec/tec/btec not higher (qin
    FQQUMSLC        qualification type: slc/sce/supe at higher grade or cert
    FQQUMSLL        qualification type: slc lower (qind.qfq.fqqualm20)
    FQQUMSUP        qualification type: supe lower or ordinary (qind.qfq.fqq
    FQQUMTEA        qualification type: teaching qualification (qind.qfq.fqq
Wave 7 Core:
    FQAQUA          whether has any qualifications on card (qind.qfq.fqaqua)
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FQMQUA         whether obtained qualifications since last interview  (q
FQQUMALE       qualification type: a-levels/higher school certificate (
FQQUMASL       qualification type: as level (qind.qfq.fqqualm10)
FQQUMCGA       qualification type: city and guilds advanced/final level
FQQUMCGF       qualification type: city and guilds full technological c
FQQUMCGO       qualification type: city and guilds craft/ordinary level
FQQUMCS1       qualification type: cse grade 1/sce bands a-c/standard g
FQQUMCS2       qualification type: cse grades 2-5/sce ordinary bands d-
FQQUMCSU       qualification type: cse ungraded (qind.qfq.fqqualm19)
FQQUMDEG       qualification type: degree/degree level qualification (i
FQQUMGCA       qualification type: gcse grades a-c (qind.qfq.fqqualm15)
FQQUMGCD       qualification type: gcse grades d-g (qind.qfq.fqqualm16)
FQQUMHNC       qualification type: hnc/hnd, bec/tec higher, btec higher
FQQUMMAT       qualification type: school certificate or matric (qind.q
FQQUMNUR       qualification type: nursing qualifications srn, scm, sen
FQQUMNV1       qualification type: nvq level 1/foundation level gnvq (q
FQQUMNV2       qualification type: nvq level 2/intermediate level gnvq
FQQUMNV3       qualification type: nvq level 3/advanced level gnvq (qin
FQQUMNV4       qualification type: nvq level 4 (qind.qfq.fqqualm24)
FQQUMNV5       qualification type: nvq level 5 (qind.qfq.fqqualm23)
FQQUMOLA       qualification type: o-level passes taken after 1975 grad
FQQUMOLD       qualification type: o-level passes taken after 1975 grad
FQQUMOLP       qualification type: o-level passes taken in 1975 or earl
FQQUMONC       qualification type: onc/ond/bec/tec/btec not higher (qin
FQQUMSLC       qualification type: slc/sce/supe at higher grade or cert
FQQUMSLL       qualification type: slc lower (qind.qfq.fqqualm20)
FQQUMSUP       qualification type: supe lower or ordinary (qind.qfq.fqq
FQQUMTEA       qualification type: teaching qualification (qind.qfq.fqq
```

Education: ISCED Category

Wave	Variable	Label	Type
1	RAEDUCL	raeducl:R harmonized education	Categ
1	S1EDUCL	s1educl:w1 S harmonized education	Categ
2	S2EDUCL	s2educl:w2 S harmonized education	Categ
3	S3EDUCL	s3educl:w3 S harmonized education	Categ
4	S4EDUCL	s4educl:w4 S harmonized education	Categ
5	S5EDUCL	s5educl:w5 S harmonized education	Categ
6	S6EDUCL	s6educl:w6 S harmonized education	Categ
7	S7EDUCL	s7educl:w7 S harmonized education	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RAEDUCL	14957	1.72	0.69	1.00	3.00
S1EDUCL	7379	1.74	0.69	1.00	3.00
S2EDUCL	5608	1.79	0.69	1.00	3.00
S3EDUCL	5942	1.87	0.70	1.00	3.00
S4EDUCL	5371	1.87	0.70	1.00	3.00
S5EDUCL	5484	1.89	0.70	1.00	3.00
S6EDUCL	5650	1.90	0.69	1.00	3.00
S7EDUCL	5085	1.92	0.69	1.00	3.00

Categorical Variable Codes

Value	RAEDUCL
.d:DK	35
.h:missing HSE value	1794
.m:Missing	661
.o:other	1015
.r:Refuse	27
1.less than secondary	6261
2.upper secondary and vocat	6610
3.tertiary	2086

Value	S1EDUCL	S2EDUCL	S3EDUCL	S4EDUCL	S5EDUCL	S6EDUCL	S7EDUCL
.d:DK	9	6	4	6	10	14	15
.h:missing HSE value				1620	1083	943	793
.m:Missing	16	69	40	39	53	344	421
.o:other	660	493	398	350	328	284	237
.r:Refuse	6	2	2	16	6	7	9
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.less than secondary	2944	2052	1895	1696	1679	1669	1444
2.upper secondary and vocat	3390	2688	2954	2653	2724	2872	2628
3.tertiary	1045	868	1093	1022	1081	1109	1013

How Constructed

In ELSA, respondents are asked to report their highest school degree and degrees of further education or vocational training as in the country’s educational system.

RAEDUCL identifies the level of education completed according to a three-tier harmonized scale which we developed to compare education levels across countries. This Harmonized education scale is a simplified version of 1997 International Standard Classification of Education (ISCED-97) codes. For more information on ISCED codes, see www.uis.unesco.org and the OECD document entitled "Classifying Educational Programmes: Manual for ISCED-97 Implementation in OECD Countries, 1999 Edition". RAEDUCL is coded as

follows: 1.Less than lower secondary education, 2.Upper secondary & vocational training, and 3.Tertiary education. The first non-missing report of education level is always used. A special missing code, .n, is used when the respondent reported not having any of the surveyed qualifications. A special missing code, .o, is used when the respondent's educational qualification could not be mapped to ISCED. A special missing code, .h, is used when the respondent is missing a value for educational qualifications because the respondent reported their educational qualifications during an HSE survey, the values of which have not been released by ELSA. RAEDUCL is set to plain missing (.) for respondents who did not respond to the current wave.

SwEDUCL indicates the current wave's spouse's category of education. They are taken from the spouse's value to RAEDUCL. If the respondent is not designated as coupled in the current wave and assumed to be single a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married a special missing value of .v is used. SwEDUCL is set to plain missing (.) for respondents who did not respond to this waves.

Cross Wave Differences in ELSA

In Wave 1, ELSA asks all respondents whether they have obtained any educational qualifications since the HSE survey if they provided information regarding educational qualifications during the HSE survey. If the respondent reports no further qualifications, they are not re-asked educational qualification questions. If the respondent did not provide information regarding educational qualifications during the HSE survey or if the respondent reported he/she had obtained further qualifications, he/she is asked to identify their qualifications. Starting in Wave 2, returning respondents are asked whether they archived any educational qualifications since the last interview. If the respondent is new to the sample or if the respondent is returning and reported he/she had obtained further qualifications, he/she is asked to identify their qualifications. When respondents reported they obtained further educational qualifications, they were shown a show card of different educational achievements and told to identify any achievement they had obtained.

In the Wave 1 Core dataset, ELSA includes a variable which identifies which of the reported educational achievement levels was the highest. In the Wave 2 Core dataset, ELSA included two variables which indicate the first and second educational qualifications the respondent mentioned from the show card. In all later wave core datasets, ELSA includes individual variables for each educational achievement included on the show card indicating whether or not the respondent mentioned that particular achievement. The result of the difference between the provided data in Wave 1, Wave 2, and the later waves is that if the respondent identified more than 2 educational achievements in Wave 2, those additional achievements are not captured in RAEDUC_E, whereas if the respondent identified more than 2 educational achievements in Wave 1 and Wave 3 forward, all those educational achievements would all be captured in RAEDUC_E.

There was an error in Wave 3 routing which did not ask returning respondents whether they had obtained further qualifications since their last wave, so all returning respondents were re-asked their academic qualifications. The .h missings in Wave 4 would also be present in Wave 3 if not for this routing error. Because the HSE values for the Wave 3, Wave 4, Wave 6 and wave 7 refreshment samples have not been made available, all Wave 4, Wave 6 and Wave 7 refreshment respondents who reported in Wave 4, Wave 6 or Wave 7 that they had not further obtained any qualifications have .h missing values for RAEDUC_E.

Differences with the RAND HRS

The HRS does not include an education variable coded according to the ISCED categories.

ELSA Variables Used

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Wave 1 Core:
    EDQUAL         (d) highest educational qualification at elsa w1
Wave 2 Core:
    FQAQUA         whether has any qualitfications
    FQMQUA         whether has obtained further qualifications since last i
    FQQUZM1        further qualifications obtained since last interview (1s
    FQQUZM2        further qualifications obtained since last interview (2n
Wave 3 Core:
    FQAQUA         whether has any qualitfications
    FQMQUA         whether has obtained further qualifications since last i
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    FQQUMALE       qualification: a-levels/higher school certificate (merge
    FQQUMASL       qualification: as level (merged)
    FQQUMCGA       qualification: city and guilds advanced/final level (mer
    FQQUMCGF       qualification: city and guilds full technological certif
    FQQUMCGO       qualification: city and guilds craft/ordinary level (mer
    FQQUMCS1       qualification: cse grade 1/sce bands a-c/standard grade
    FQQUMCS2       qualification: cse grades 2-5/sce ordinary bands d-e (me
    FQQUMCSU       qualification: cse ungraded (merged)
    FQQUMDEG       qualification: degree/degree level qualification (incl h
    FQQUMGCA       qualification: gcse grades a-c (merged)
    FQQUMGCD       qualification: gcse grades d-g (merged)
    FQQUMHNC       qualification: hnc/hnd, bec/tec higher, btec higher/scot
    FQQUMMAT       qualification: school certificate or matric (merged)
    FQQUMNUR       qualification: nursing: srn, scm, sen, rgn, rm, rhv, mid
    FQQUMNV1       qualification: nvq level 1/foundation level gnvq (merged
    FQQUMNV2       qualification: nvq level 2/intermediate level gnvq (merg
    FQQUMNV3       qualification: nvq level 3/advanced level gnvq (merged)
    FQQUMNV4       qualification: nvq level 4 (merged)
    FQQUMNV5       qualification: nvq level 5 (merged)
    FQQUMOLA       qualification: o-level passes taken after 1975 grades a-
    FQQUMOLD       qualification: o-level passes taken after 1975 grades d-
    FQQUMOLP       qualification: o-level passes taken in 1975 or earlier (
    FQQUMONC       qualification: onc/ond/bec/tec/btec not higher (merged)
    FQQUMSLC       qualification: slc/sce/supe at higher grade / certif. of
    FQQUMSLL       qualification: slc lower (merged)
    FQQUMSUP       qualification: supe lower or ordinary (merged)
    FQQUMTEA       qualification: teaching qualification (merged)
Wave 4 Core:
    FQAQUA         whether has any qualifications
    FQMQUA         whether has obtained further qualifications since last i
    FQQUMALE       qualification: a-levels/higher school certificate (merge
    FQQUMASL       qualification: as level (merged)
    FQQUMCGA       qualification: city and guilds advanced/final level (mer
    FQQUMCGF       qualification: city and guilds full technological certif
    FQQUMCGO       qualification: city and guilds craft/ordinary level (mer
    FQQUMCS1       qualification: cse grade 1/sce bands a-c/standard grade
    FQQUMCS2       qualification: cse grades 2-5/sce ordinary bands d-e (me
    FQQUMCSU       qualification: cse ungraded (merged)
    FQQUMDEG       qualification: degree/degree level qualification (incl h
    FQQUMGCA       qualification: gcse grades a-c (merged)
    FQQUMGCD       qualification: gcse grades d-g (merged)
    FQQUMHNC       qualification: hnc/hnd, bec/tec higher, btec higher/scot
    FQQUMMAT       qualification: school certificate or matric (merged)
    FQQUMNUR       qualification: nursing: srn, scm, sen, rgn, rm, rhv, mid
    FQQUMNV1       qualification: nvq level 1/foundation level gnvq (merged
    FQQUMNV2       qualification: nvq level 2/intermediate level gnvq (merg
    FQQUMNV3       qualification: nvq level 3/advanced level gnvq (merged)
    FQQUMNV4       qualification: nvq level 4 (merged)
    FQQUMNV5       qualification: nvq level 5 (merged)
    FQQUMOLA       qualification: o-level passes taken after 1975 grades a-
    FQQUMOLD       qualification: o-level passes taken after 1975 grades d-
    FQQUMOLP       qualification: o-level passes taken in 1975 or earlier (
    FQQUMONC       qualification: onc/ond/bec/tec/btec not higher (merged)
    FQQUMSLC       qualification: slc/sce/supe at higher grade / certif. of
    FQQUMSLL       qualification: slc lower (merged)
    FQQUMSUP       qualification: supe lower or ordinary (merged)
    FQQUMTEA       qualification: teaching qualification (merged)
Wave 5 Core:
    FQAQUA         whether has any qualifications
    FQMQUA         whether has obtained further qualifications since last i
    FQQUMALE       qualification: a-levels/higher school certificate (merge
    FQQUMASL       qualification: as level (merged)
    FQQUMCGA       qualification: city and guilds advanced/final level (mer
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    FQQUMCGF        qualification: city and guilds full technological certif
    FQQUMCGO        qualification: city and guilds craft/ordinary level (mer
    FQQUMCS1        qualification: cse grade 1/sce bands a-c/standard grade
    FQQUMCS2        qualification: cse grades 2-5/sce ordinary bands d-e (me
    FQQUMCSU        qualification: cse ungraded (merged)
    FQQUMDEG        qualification: degree/degree level qualification (incl h
    FQQUMGCA        qualification: gcse grades a-c (merged)
    FQQUMGCD        qualification: gcse grades d-g (merged)
    FQQUMHNC        qualification: hnc/hnd, bec/tec higher, btec higher/scot
    FQQUMMAT        qualification: school certificate or matric (merged)
    FQQUMNUR        qualification: nursing: srn, scm, sen, rgn, rm, rhv, mid
    FQQUMNV1        qualification: nvq level 1/foundation level gnvq (merged
    FQQUMNV2        qualification: nvq level 2/intermediate level gnvq (merg
    FQQUMNV3        qualification: nvq level 3/advanced level gnvq (merged)
    FQQUMNV4        qualification: nvq level 4 (merged)
    FQQUMNV5        qualification: nvq level 5 (merged)
    FQQUMOLA        qualification: o-level passes taken after 1975 grades a-
    FQQUMOLD        qualification: o-level passes taken after 1975 grades d-
    FQQUMOLP        qualification: o-level passes taken in 1975 or earlier (
    FQQUMONC        qualification: onc/ond/bec/tec/btec not higher (merged)
    FQQUMSLC        qualification: slc/sce/supe at higher grade / certif. of
    FQQUMSLL        qualification: slc lower (merged)
    FQQUMSUP        qualification: supe lower or ordinary (merged)
    FQQUMTEA        qualification: teaching qualification (merged)
Wave 6 Core:
    FQAQUA          whether has any qualifications on card (qind.qfq.fqaqua)
    FQMQUA          whether obtained qualifications since last interview  (q
    FQQUMALE        qualification type: a-levels/higher school certificate (
    FQQUMASL        qualification type: as level (qind.qfq.fqqualm10)
    FQQUMCGA        qualification type: city and guilds advanced/final level
    FQQUMCGF        qualification type: city and guilds full technological c
    FQQUMCGO        qualification type: city and guilds craft/ordinary level
    FQQUMCS1        qualification type: cse grade 1/sce bands a-c/standard g
    FQQUMCS2        qualification type: cse grades 2-5/sce ordinary bands d-
    FQQUMCSU        qualification type: cse ungraded (qind.qfq.fqqualm19)
    FQQUMDEG        qualification type: degree/degree level qualification (i
    FQQUMGCA        qualification type: gcse grades a-c (qind.qfq.fqqualm15)
    FQQUMGCD        qualification type: gcse grades d-g (qind.qfq.fqqualm16)
    FQQUMHNC        qualification type: hnc/hnd, bec/tec higher, btec higher
    FQQUMMAT        qualification type: school certificate or matric (qind.q
    FQQUMNUR        qualification type: nursing qualifications srn, scm, sen
    FQQUMNV1        qualification type: nvq level 1/foundation level gnvq (q
    FQQUMNV2        qualification type: nvq level 2/intermediate level gnvq
    FQQUMNV3        qualification type: nvq level 3/advanced level gnvq (qin
    FQQUMNV4        qualification type: nvq level 4 (qind.qfq.fqqualm24)
    FQQUMNV5        qualification type: nvq level 5 (qind.qfq.fqqualm23)
    FQQUMOLA        qualification type: o-level passes taken after 1975 grad
    FQQUMOLD        qualification type: o-level passes taken after 1975 grad
    FQQUMOLP        qualification type: o-level passes taken in 1975 or earl
    FQQUMONC        qualification type: onc/ond/bec/tec/btec not higher (qin
    FQQUMSLC        qualification type: slc/sce/supe at higher grade or cert
    FQQUMSLL        qualification type: slc lower (qind.qfq.fqqualm20)
    FQQUMSUP        qualification type: supe lower or ordinary (qind.qfq.fqq
    FQQUMTEA        qualification type: teaching qualification (qind.qfq.fqq
Wave 7 Core:
    FQAQUA          whether has any qualifications on card (qind.qfq.fqaqua)
    FQMQUA          whether obtained qualifications since last interview  (q
    FQQUMALE        qualification type: a-levels/higher school certificate (
    FQQUMASL        qualification type: as level (qind.qfq.fqqualm10)
    FQQUMCGA        qualification type: city and guilds advanced/final level
    FQQUMCGF        qualification type: city and guilds full technological c
    FQQUMCGO        qualification type: city and guilds craft/ordinary level
    FQQUMCS1        qualification type: cse grade 1/sce bands a-c/standard g
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FQQUMCS2       qualification type: cse grades 2-5/sce ordinary bands d-
FQQUMCSU       qualification type: cse ungraded (qind.qfq.fqqualm19)
FQQUMDEG       qualification type: degree/degree level qualification (i
FQQUMGCA       qualification type: gcse grades a-c (qind.qfq.fqqualm15)
FQQUMGCD       qualification type: gcse grades d-g (qind.qfq.fqqualm16)
FQQUMHNC       qualification type: hnc/hnd, bec/tec higher, btec higher
FQQUMMAT       qualification type: school certificate or matric (qind.q
FQQUMNUR       qualification type: nursing qualifications srn, scm, sen
FQQUMNV1       qualification type: nvq level 1/foundation level gnvq (q
FQQUMNV2       qualification type: nvq level 2/intermediate level gnvq
FQQUMNV3       qualification type: nvq level 3/advanced level gnvq (qin
FQQUMNV4       qualification type: nvq level 4 (qind.qfq.fqqualm24)
FQQUMNV5       qualification type: nvq level 5 (qind.qfq.fqqualm23)
FQQUMOLA       qualification type: o-level passes taken after 1975 grad
FQQUMOLD       qualification type: o-level passes taken after 1975 grad
FQQUMOLP       qualification type: o-level passes taken in 1975 or earl
FQQUMONC       qualification type: onc/ond/bec/tec/btec not higher (qin
FQQUMSLC       qualification type: slc/sce/supe at higher grade or cert
FQQUMSLL       qualification type: slc lower (qind.qfq.fqqualm20)
FQQUMSUP       qualification type: supe lower or ordinary (qind.qfq.fqq
FQQUMTEA       qualification type: teaching qualification (qind.qfq.fqq
```

Current Marital Status: With Partnership

Wave	Variable	Label	Type
1	R1MSTAT	r1mstat:w1 r marital status w/partners, filled	Categ
2	R2MSTAT	r2mstat:w2 r marital status w/partners, filled	Categ
3	R3MSTAT	r3mstat:w3 r marital status w/partners, filled	Categ
4	R4MSTAT	r4mstat:w4 r marital status w/partners, filled	Categ
5	R5MSTAT	r5mstat:w5 r marital status w/partners, filled	Categ
6	R6MSTAT	r6mstat:w6 r marital status w/partners, filled	Categ
7	R7MSTAT	r7mstat:w7 r marital status w/partners, filled	Categ
1	S1MSTAT	s1mstat:w1 s marital status w/partners, filled	Categ
2	S2MSTAT	s2mstat:w2 s marital status w/partners, filled	Categ
3	S3MSTAT	s3mstat:w3 s marital status w/partners, filled	Categ
4	S4MSTAT	s4mstat:w4 s marital status w/partners, filled	Categ
5	S5MSTAT	s5mstat:w5 s marital status w/partners, filled	Categ
6	S6MSTAT	s6mstat:w6 s marital status w/partners, filled	Categ
7	S7MSTAT	s7mstat:w7 s marital status w/partners, filled	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MSTAT	12096	2.69	2.59	1.00	8.00
R2MSTAT	9431	2.74	2.60	1.00	8.00
R3MSTAT	9770	2.69	2.57	1.00	8.00
R4MSTAT	11048	2.64	2.54	1.00	8.00
R5MSTAT	10268	2.66	2.54	1.00	8.00
R6MSTAT	10598	2.65	2.53	1.00	8.00
R7MSTAT	9664	2.66	2.51	1.00	8.00
S1MSTAT	8068	1.11	0.46	1.00	4.00
S2MSTAT	6178	1.11	0.46	1.00	4.00
S3MSTAT	6385	1.13	0.49	1.00	4.00
S4MSTAT	7401	1.12	0.49	1.00	4.00
S5MSTAT	6961	1.13	0.49	1.00	4.00
S6MSTAT	7241	1.14	0.52	1.00	4.00
S7MSTAT	6560	1.16	0.55	1.00	4.00

Categorical Variable Codes

Value	R1MSTAT	R2MSTAT	R3MSTAT	R4MSTAT	R5MSTAT	R6MSTAT	R7MSTAT
.d:DK	1	1	1		3	2	
.r:Refuse	2			2	3	1	2
1.married	8161	6269	6527	7473	6895	7103	6395
3.partnered	394	316	389	447	428	491	509
4.separated	144	109	97	95	78	99	125
5.divorced	857	692	766	898	855	885	821
7.widowed	1959	1619	1523	1574	1527	1490	1350
8.never married	581	426	468	561	485	530	464

Value	S1MSTAT	S2MSTAT	S3MSTAT	S4MSTAT	S5MSTAT	S6MSTAT	S7MSTAT
.d:DK	1		1		2	1	
.r:Refuse	1			1	1		
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.married	7652	5848	5985	6949	6525	6731	6039
3.partnered	394	316	388	438	423	489	503
4.separated	22	14	12	14	13	21	18

How Constructed

This variable is created using current marital status reported in each wave. Partnership status is assigned to respondents who report being currently unmarried but who are coupled with another respondent through ELSA's couple id.

RwMSTAT indicates a respondent's marital status in the current wave with implied partnership status. A code of 1 indicates the respondent is married. A code of 2 indicates the respondent is considered partnered, either by reporting partnership or through implied partnership using information from ELSA's couple id. A code of 4 indicates the respondent is separated. A code of 5 indicates the respondent is divorced. A code of 7 indicates the respondent is widowed. A code of 8 indicates the respondent has never been married. Don't know, refused, or other missing responses of RwMSTAT are assigned special missing codes .d, .r, .m respectively. RwMSTAT is set to plain missing (.) for respondents who did not respond to the current wave.

SwMSTAT indicates the current wave's spouse's marital status. It is taken from the spouse's values to RwMSTAT. In addition to the special missing codes used in RwMSTAT, SwMSTAT employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

```
Wave 1 Core:
    DIMAR          subject~s current legal marital status
Wave 1 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 2 Core:
    DIMAR          respondent current legal marital status
Wave 2 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 3 Core:
    DIMAR          respondent current legal marital status
Wave 3 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 4 Core:
    DIMAR          respondent current legal marital status
Wave 4 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 5 Core:
    DIMAR          respondent current legal marital status
Wave 5 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 6 Core:
    DIMAR          respondent current legal marital status
Wave 6 Financial:
    COUPID         couple id - splits couples where one member in an instit
Wave 7 Core:
    DIMAR          respondent current legal marital status
Wave 7 Financial:
    COUPID         couple id - splits couples where one member in an instit
```

Current Marital Status: Current Partnership Status

Wave	Variable	Label	Type
1	R1MPART	r1mpart:w1 r implied partnership status	Categ
2	R2MPART	r2mpart:w2 r implied partnership status	Categ
3	R3MPART	r3mpart:w3 r implied partnership status	Categ
4	R4MPART	r4mpart:w4 r implied partnership status	Categ
5	R5MPART	r5mpart:w5 r implied partnership status	Categ
6	R6MPART	r6mpart:w6 r implied partnership status	Categ
7	R7MPART	r7mpart:w7 r implied partnership status	Categ
1	S1MPART	s1mpart:w1 s implied partnership status	Categ
2	S2MPART	s2mpart:w2 s implied partnership status	Categ
3	S3MPART	s3mpart:w3 s implied partnership status	Categ
4	S4MPART	s4mpart:w4 s implied partnership status	Categ
5	S5MPART	s5mpart:w5 s implied partnership status	Categ
6	S6MPART	s6mpart:w6 s implied partnership status	Categ
7	S7MPART	s7mpart:w7 s implied partnership status	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MPART	12099	0.03	0.18	0.00	1.00
R2MPART	9432	0.03	0.18	0.00	1.00
R3MPART	9771	0.04	0.19	0.00	1.00
R4MPART	11050	0.04	0.19	0.00	1.00
R5MPART	10274	0.04	0.19	0.00	1.00
R6MPART	10601	0.04	0.20	0.00	1.00
R7MPART	9666	0.05	0.22	0.00	1.00
S1MPART	8070	0.05	0.22	0.00	1.00
S2MPART	6178	0.05	0.22	0.00	1.00
S3MPART	6386	0.06	0.24	0.00	1.00
S4MPART	7402	0.06	0.23	0.00	1.00
S5MPART	6964	0.06	0.23	0.00	1.00
S6MPART	7242	0.06	0.24	0.00	1.00
S7MPART	6560	0.07	0.26	0.00	1.00

Categorical Variable Codes

Value	R1MPART	R2MPART	R3MPART	R4MPART	R5MPART	R6MPART	R7MPART
0.no	11705	9116	9393	10638	9878	10142	9192
1.yes	394	316	378	412	396	459	474

Value	S1MPART	S2MPART	S3MPART	S4MPART	S5MPART	S6MPART	S7MPART
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	7676	5862	6008	6990	6568	6783	6086
1.yes	394	316	378	412	396	459	474

How Constructed

Partnership status is not directly surveyed in wave 1 or wave 2 of ELSA. Partnership is implied in all waves if the respondent reports being currently unmarried/unpartnered but is coupled with another respondent through ELSA’s couple id.

RwMPART indicates whether a respondent partnership is implied in the current wave. A code of 0 indicates that the respondent is not implied to be partnered while a code of 1 indicates the respondent is implied

to be partnered. RwMPART is set to plain missing (.) for respondents who did not respond to the current wave.

SwMPART indicates whether the current wave's spouse is considered partnered. It is taken from the spouse's values to RwMPART. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Implied partnership in the Harmonized ELSA is determined through ELSA's couple id. Implied partnership in the RAND HRS is determined using the household id variable instead.

ELSA Variables Used

```
Wave 1 Core:
    DIMAR          subject~s current legal marital status
Wave 1 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 2 Core:
    DIMAR          respondent current legal marital status
Wave 2 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 3 Core:
    DIMAR          respondent current legal marital status
Wave 3 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 4 Core:
    DIMAR          respondent current legal marital status
Wave 4 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 5 Core:
    DIMAR          respondent current legal marital status
Wave 5 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 6 Core:
    DIMAR          respondent current legal marital status
Wave 6 Financial:
    COUPID         couple id - splits couples where one member in an instit
Wave 7 Core:
    DIMAR          respondent current legal marital status
Wave 7 Financial:
    COUPID         couple id - splits couples where one member in an instit
```

Current Marital Status: Without Partnership

Wave	Variable	Label	Type
1	R1MSTATH	r1mstath:w1 r marital status	Categ
2	R2MSTATH	r2mstath:w2 r marital status	Categ
3	R3MSTATH	r3mstath:w3 r marital status	Categ
4	R4MSTATH	r4mstath:w4 r marital status	Categ
5	R5MSTATH	r5mstath:w5 r marital status	Categ
6	R6MSTATH	r6mstath:w6 r marital status	Categ
7	R7MSTATH	r7mstath:w7 r marital status	Categ
1	S1MSTATH	s1mstath:w1 s marital status	Categ
2	S2MSTATH	s2mstath:w2 s marital status	Categ
3	S3MSTATH	s3mstath:w3 s marital status	Categ
4	S4MSTATH	s4mstath:w4 s marital status	Categ
5	S5MSTATH	s5mstath:w5 s marital status	Categ
6	S6MSTATH	s6mstath:w6 s marital status	Categ
7	S7MSTATH	s7mstath:w7 s marital status	Categ
1	R1MSTATF	r1mstatf:w1 r mstath-flag diff w/marhist	Categ
2	R2MSTATF	r2mstatf:w2 r mstath-flag diff w/marhist	Categ
3	R3MSTATF	r3mstatf:w3 r mstath-flag diff w/marhist	Categ
4	R4MSTATF	r4mstatf:w4 r mstath-flag diff w/marhist	Categ
5	R5MSTATF	r5mstatf:w5 r mstath-flag diff w/marhist	Categ
6	R6MSTATF	r6mstatf:w6 r mstath-flag diff w/marhist	Categ
7	R7MSTATF	r7mstatf:w7 r mstath-flag diff w/marhist	Categ
1	S1MSTATF	s1mstatf:w1 s mstath-flag diff w/marhist	Categ
2	S2MSTATF	s2mstatf:w2 s mstath-flag diff w/marhist	Categ
3	S3MSTATF	s3mstatf:w3 s mstath-flag diff w/marhist	Categ
4	S4MSTATF	s4mstatf:w4 s mstath-flag diff w/marhist	Categ
5	S5MSTATF	s5mstatf:w5 s mstath-flag diff w/marhist	Categ
6	S6MSTATF	s6mstatf:w6 s mstath-flag diff w/marhist	Categ
7	S7MSTATF	s7mstatf:w7 s mstath-flag diff w/marhist	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MSTATH	12096	2.79	2.66	1.00	8.00
R2MSTATH	9431	2.84	2.68	1.00	8.00
R3MSTATH	9770	2.81	2.66	1.00	8.00
R4MSTATH	11048	2.76	2.64	1.00	8.00
R5MSTATH	10268	2.78	2.64	1.00	8.00
R6MSTATH	10598	2.79	2.64	1.00	8.00
R7MSTATH	9664	2.82	2.65	1.00	8.00
S1MSTATH	8068	1.25	1.11	1.00	8.00
S2MSTATH	6178	1.26	1.14	1.00	8.00
S3MSTATH	6385	1.31	1.26	1.00	8.00
S4MSTATH	7401	1.30	1.22	1.00	8.00
S5MSTATH	6961	1.31	1.24	1.00	8.00
S6MSTATH	7241	1.34	1.32	1.00	8.00
S7MSTATH	6560	1.40	1.42	1.00	8.00
R1MSTATF	6576	0.02	0.21	0.00	2.00
R2MSTATF	6433	0.02	0.21	0.00	2.00
R3MSTATF	7833	0.02	0.21	0.00	2.00
R4MSTATF	10751	0.00	0.06	0.00	2.00
R5MSTATF	10008	0.00	0.07	0.00	2.00

R6MSTATF	10216	0.00	0.06	0.00	2.00
R7MSTATF	9290	0.00	0.08	0.00	2.00
S1MSTATF	4502	0.02	0.21	0.00	2.00
S2MSTATF	4254	0.02	0.21	0.00	2.00
S3MSTATF	5176	0.02	0.21	0.00	2.00
S4MSTATF	5218	0.00	0.07	0.00	2.00
S5MSTATF	4957	0.00	0.07	0.00	2.00
S6MSTATF	4607	0.00	0.07	0.00	2.00
S7MSTATF	4097	0.00	0.09	0.00	2.00

Categorical Variable Codes

Value	R1MSTATH	R2MSTATH	R3MSTATH	R4MSTATH	R5MSTATH	R6MSTATH	R7MSTATH
.d:DK	1	1	1		3	2	
.r:Refuse	2			2	3	1	2
1.married	8161	6269	6527	7473	6895	7103	6395
3.civil partner			11	35	32	32	35
4.separated	144	109	97	95	78	99	125
5.divorced	1116	888	989	1138	1081	1146	1080
7.widowed	2003	1669	1572	1632	1586	1548	1405
8.never married	672	496	574	675	596	670	624

Value	S1MSTATH	S2MSTATH	S3MSTATH	S4MSTATH	S5MSTATH	S6MSTATH	S7MSTATH
.d:DK	1		1		2	1	
.r:Refuse	1			1	1		
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.married	7652	5848	5985	6949	6525	6731	6039
3.civil partner			10	26	27	30	29
4.separated	22	14	12	14	13	21	18
5.divorced	259	196	223	240	226	261	259
7.widowed	44	50	49	58	59	58	55
8.never married	91	70	106	114	111	140	160

Value	R1MSTATF	R2MSTATF	R3MSTATF	R4MSTATF	R5MSTATF	R6MSTATF	R7MSTATF
.b:break in panel, skipped				3	13	24	24
.d:DK		1					
.l:No Life History	5521	2998	1938	296	251	360	352
.m:Missing	2				8217	7889	8823
0.no discrepancy	6499	6359	7738	10733	9982	10189	9254
1.ms=nev, marhis=evmar	9	1	15	12	20	22	26
2.ms=evmar, marhis=nev	68	73	80	6	6	5	10

Value	S1MSTATF	S2MSTATF	S3MSTATF	S4MSTATF	S5MSTATF	S6MSTATF	S7MSTATF
.b:break in panel, skipped					3	5	7
.l:No Life History	3567	1924	1210	8	5	5	4
.m:Missing	1				1421	1769	2278
.u:Unmar	3561	2671	2708	2708	2708	2708	2708
.v:SP NR	468	583	677	677	677	677	677
0.no discrepancy	4447	4204	5111	5209	4949	4598	4087
1.ms=nev, marhis=evmar	4	1	7	4	3	4	3
2.ms=evmar, marhis=nev	51	49	58	5	5	5	7

How Constructed

This variable is created using current marital status reported in each wave. While RwMSTAT variables, described above, specifically code partnership, which override actual marital status, RwMSTATH ignores implied partnership status and indicates the reported marital status in the current wave. A code of 1 indicates the respondent reports being married. A code of 3 indicates the respondent reports being in a civil partnership. A code of 4 indicates the respondent reports being separated. A code of 5 indicates the respondent reports being divorced. A code of 7 indicates the respondent reports being widowed. A code of 8 indicates the respondent reports he/she has never been married. Don’t know, refused, or other missing responses of RwRMSTATH are assigned special missing codes .d, .r, .m respectively. RwMSTATH is set to plain missing (.) for respondents who did not respond to the current wave.

SwMSTATH indicates the current wave’s spouse’s marital status without partnership. It is taken from the spouse's values to RwMSTATH. In addition to the special missing codes used in RwMSTATH, SwMSTATH employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Marital status is provided in two places, in each wave’s Core data and through the wave 3 Life History data. In some cases the current marital status in the Core data contradicts the marriage history in the Life History data. These cases are flagged with the variable RwMSTATF. A code of 0 indicates that there is no discrepancy between the Core marriage data and the Life History marriage data. A code of 1 indicates that the respondent reported being never married in the Core data but listed one or more marriages in the Life History data. A code of 2 indicates that the respondent reported having been married in the Core data but was listed as never having been married in the Life History data. RwMSTATF is set to plain missing (.) for respondents who did not respond to the current wave.

SwMSTATF flags the current wave’s spouse’s marital status. It is taken from the spouse's values to RwMSTATF. In addition to the special missing codes used in RwMSTATF, SwMSTATF employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

Partnership status is not directly surveyed in wave 1 or wave 2 of ELSA. Starting in Wave 3 specific questions are asked if an individual considers themselves partnered.

Differences with the RAND HRS

Unlike the HRS, ELSA does not ask respondents whether they are married but their spouse is absent.

Unlike the HRS, ELSA surveys respondents as to whether they are in a civil partnership from Wave 3 onwards.

ELSA Variables Used

```
Wave 1 Core:
    DIMAR          subject~s current legal marital status
Wave 2 Core:
    DIMAR          respondent current legal marital status
Wave 3 Core:
    DIMAR          respondent current legal marital status
Wave 4 Core:
    DIMAR          respondent current legal marital status
Wave 5 Core:
    DIMAR          respondent current legal marital status
Wave 6 Core:
    DIMAR          respondent current legal marital status
Wave 7 Core:
    DIMAR          respondent current legal marital status
```

Number of Marriages

Wave	Variable	Label	Type
1	R1MRCT	r1mrct:w1 r # marriages	Cont
2	R2MRCT	r2mrct:w2 r # marriages	Cont
3	R3MRCT	r3mrct:w3 r # marriages	Cont
4	R4MRCT	r4mrct:w4 r # marriages	Cont
5	R5MRCT	r5mrct:w5 r # marriages	Cont
6	R6MRCT	r6mrct:w6 r # marriages	Cont
7	R7MRCT	r7mrct:w7 r # marriages	Cont
1	S1MRCT	s1mrct:w1 s # marriages	Cont
2	S2MRCT	s2mrct:w2 s # marriages	Cont
3	S3MRCT	s3mrct:w3 s # marriages	Cont
4	S4MRCT	s4mrct:w4 s # marriages	Cont
5	S5MRCT	s5mrct:w5 s # marriages	Cont
6	S6MRCT	s6mrct:w6 s # marriages	Cont
7	S7MRCT	s7mrct:w7 s # marriages	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MRCT	6565	1.12	0.51	0.00	4.00
R2MRCT	6422	1.12	0.52	0.00	4.00
R3MRCT	7820	1.13	0.54	0.00	4.00
R4MRCT	6907	1.14	0.57	0.00	5.00
R5MRCT	6184	1.16	0.59	0.00	5.00
R6MRCT	5579	1.17	0.62	0.00	6.00
R7MRCT	4899	1.19	0.65	0.00	5.00
S1MRCT	4495	1.16	0.47	0.00	4.00
S2MRCT	4247	1.17	0.47	0.00	4.00
S3MRCT	5168	1.18	0.50	0.00	4.00
S4MRCT	4553	1.21	0.54	0.00	4.00
S5MRCT	4108	1.22	0.58	0.00	5.00
S6MRCT	3712	1.24	0.61	0.00	6.00
S7MRCT	3245	1.26	0.66	0.00	5.00

How Constructed

This variable is created using the Wave 3 Life History data. ELSA does not survey respondents as to the number of past marriages every wave. Instead, ELSA issued a Life History Interview in Wave 3 that asked questions pertaining to each cohabiting partner the respondent listed in their lifetime, up to 10 relationships. These questions included year started living together, marital status, whether divorced, and year relationship ended.

RwMRCT contains the number of different cohabiting partners the respondent reported having been married to by the time of the current wave. If the marriage date in the Life History data or the interview date for the current wave is missing the marriage was not added into the count of RwMRCT. RwMRCT is set to a special missing code (.d) when marriage status is reported as “don’t know.” RwMRCT is set to a special missing code (.m) when marriage status is reported as “missing.” RwMRCT is set to a special missing code (.r) when marriage status is reported as “refused.” RwMRCT is set to a special missing code (.l) when the respondent did not complete the Life History interview. RwMRCT in wave 4 and onward is set to a special missing code (.b) when the respondent did not complete the Wave 3 core interview with the Life History interview or when the respondent missed a core interview since the completion of the Life History module. Both circumstances signify a break in the panel which do not allow us to accurately calculate the number of marriages. RwMRCT is set to plain missing (.) for respondents who did not respond to the current wave.

SwMRCT is the number of marriages of the current wave's spouse. It is taken from the spouse's responses to RwMRCT. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

The Life History interview was given to willing respondents after their Wave 3 interview. Marital history measures for Wave 1 - 3 are calculated by using the Life History data up until the interview date of the current wave. From Wave 4 onward, marital history measures are calculated using the Life History data up until time of the Wave 3 interview, the marital status reported in the Wave 3 core interview, the marital status reported in the current wave's core interview, and marital status reported in the core interview for every wave between Wave 3 and the current wave. Marital history measures are not calculated for any respondent who skips either a core interview in Wave 3 or any core interview between Wave 3 and the current wave.

Differences with the RAND HRS

In the ELSA Wave 3 Life History Survey respondents can report up to 10 relationships including their current relationship. ELSA respondents then are surveyed as to whether they were married to the individual in each relationship. HRS respondents are asked to report marriages. HRS respondents could list either 4 marriages or an unlimited number of marriages depending on the year when they were first interviewed.

ELSA Variables Used

```
Wave 1 Core:
    IINTDTM        month of individual interview: month of date: today~s da
    IINTDTY        year of individual interview: year of date: today~s date
Wave 2 Core:
    IINTDTM        month of individual interview
    IINTDTY        year of individual interview
Wave 3 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 3 Life History:
    RPMARST        (dv) marital status (1st loop)
    RPMARST2       (dv) marital status (2nd loop)
    RPMARST3       (dv) marital status (3rd loop)
    RPMARST4       (dv) marital status (4th loop)
    RPMARST5       (dv) marital status (5th loop)
    RPMARST6       (dv) marital status (6th loop)
    RPMARST7       (dv) marital status (7th loop)
    RPYRMA         (dv) year of marriage (1st loop)
    RPYRMA2        (dv) year of marriage (2nd loop)
    RPYRMA3        (dv) year of marriage (3rd loop)
    RPYRMA4        (dv) year of marriage (4th loop)
    RPYRMA5        (dv) year of marriage (5th loop)
    RPYRMA6        (dv) year of marriage (6th loop)
```

```
    RPYRMA7         (dv) year of marriage (7th loop)
Wave 4 Core:
    DHR             relationship of this person to person 1 in the household
    DHR10           relationship of this person to person 10 in the househol
    DHR11           relationship of this person to person 11 in the househol
    DHR12           relationship of this person to person 12 in the househol
    DHR13           relationship of this person to person 13 in the househol
    DHR14           relationship of this person to person 14 in the househol
    DHR15           relationship of this person to person 15 in the househol
    DHR16           relationship of this person to person 16 in the househol
    DHR2            relationship of this person to person 2 in the household
    DHR3            relationship of this person to person 3 in the household
    DHR4            relationship of this person to person 4 in the household
    DHR5            relationship of this person to person 5 in the household
    DHR6            relationship of this person to person 6 in the household
    DHR7            relationship of this person to person 7 in the household
    DHR8            relationship of this person to person 8 in the household
    DHR9            relationship of this person to person 9 in the household
    DIMAR           respondent current legal marital status
    IINTDATM        month of individual interview
    IINTDATY        year of individual interview
Wave 5 Core:
    DHR             relationship of this person to person 1 in the household
    DHR10           relationship of this person to person 10 in the househol
    DHR11           relationship of this person to person 11 in the househol
    DHR12           relationship of this person to person 12 in the househol
    DHR13           relationship of this person to person 13 in the househol
    DHR14           relationship of this person to person 14 in the househol
    DHR15           relationship of this person to person 15 in the househol
    DHR16           relationship of this person to person 16 in the househol
    DHR2            relationship of this person to person 2 in the household
    DHR3            relationship of this person to person 3 in the household
    DHR4            relationship of this person to person 4 in the household
    DHR5            relationship of this person to person 5 in the household
    DHR6            relationship of this person to person 6 in the household
    DHR7            relationship of this person to person 7 in the household
    DHR8            relationship of this person to person 8 in the household
    DHR9            relationship of this person to person 9 in the household
    DIMAR           respondent current legal marital status
    IINTDATM        month of individual interview
    IINTDATY        year of individual interview
Wave 6 Core:
    DHR             relationship of this person to person 1 in the household
    DHR10           relationship of this person to person 10 in the househol
    DHR11           relationship of this person to person 11 in the househol
    DHR12           relationship of this person to person 12 in the househol
    DHR13           relationship of this person to person 13 in the househol
    DHR14           relationship of this person to person 14 in the househol
    DHR15           relationship of this person to person 15 in the househol
    DHR16           relationship of this person to person 16 in the househol
    DHR2            relationship of this person to person 2 in the household
    DHR3            relationship of this person to person 3 in the household
    DHR4            relationship of this person to person 4 in the household
    DHR5            relationship of this person to person 5 in the household
    DHR6            relationship of this person to person 6 in the household
    DHR7            relationship of this person to person 7 in the household
    DHR8            relationship of this person to person 8 in the household
    DHR9            relationship of this person to person 9 in the household
    DIMAR           respondent current legal marital status
    IINTDATM        month of individual interview
    IINTDATY        year of individual interview
Wave 7 Core:
    DHR             relationship of this person to person 1 in the household
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DHR10	relationship of this person to person 10 in the househol
DHR11	relationship of this person to person 11 in the househol
DHR12	relationship of this person to person 12 in the househol
DHR13	relationship of this person to person 13 in the househol
DHR14	relationship of this person to person 14 in the househol
DHR15	relationship of this person to person 15 in the househol
DHR16	relationship of this person to person 16 in the househol
DHR2	relationship of this person to person 2 in the household
DHR3	relationship of this person to person 3 in the household
DHR4	relationship of this person to person 4 in the household
DHR5	relationship of this person to person 5 in the household
DHR6	relationship of this person to person 6 in the household
DHR7	relationship of this person to person 7 in the household
DHR8	relationship of this person to person 8 in the household
DHR9	relationship of this person to person 9 in the household
DIMAR	respondent current legal marital status
IINTDATM	month of individual interview
IINTDATY	year of individual interview

Marital History: Never Married

Wave	Variable	Label	Type
1	R1MNEV	r1mnev:w1 r never married	Categ
2	R2MNEV	r2mnev:w2 r never married	Categ
3	R3MNEV	r3mnev:w3 r never married	Categ
4	R4MNEV	r4mnev:w4 r never married	Categ
5	R5MNEV	r5mnev:w5 r never married	Categ
6	R6MNEV	r6mnev:w6 r never married	Categ
7	R7MNEV	r7mnev:w7 r never married	Categ
1	S1MNEV	s1mnev:w1 s never married	Categ
2	S2MNEV	s2mnev:w2 s never married	Categ
3	S3MNEV	s3mnev:w3 s never married	Categ
4	S4MNEV	s4mnev:w4 s never married	Categ
5	S5MNEV	s5mnev:w5 s never married	Categ
6	S6MNEV	s6mnev:w6 s never married	Categ
7	S7MNEV	s7mnev:w7 s never married	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MNEV	6577	0.06	0.24	0.00	1.00
R2MNEV	6434	0.06	0.24	0.00	1.00
R3MNEV	7833	0.07	0.25	0.00	1.00
R4MNEV	10751	0.04	0.19	0.00	1.00
R5MNEV	10010	0.03	0.18	0.00	1.00
R6MNEV	10218	0.03	0.17	0.00	1.00
R7MNEV	9292	0.03	0.16	0.00	1.00
S1MNEV	4502	0.02	0.15	0.00	1.00
S2MNEV	4254	0.02	0.15	0.00	1.00
S3MNEV	5176	0.03	0.16	0.00	1.00
S4MNEV	7337	0.01	0.09	0.00	1.00
S5MNEV	6903	0.01	0.09	0.00	1.00
S6MNEV	7134	0.01	0.09	0.00	1.00
S7MNEV	6437	0.01	0.09	0.00	1.00

Categorical Variable Codes

Value	R1MNEV	R2MNEV	R3MNEV	R4MNEV	R5MNEV	R6MNEV	R7MNEV
.b:break in panel, skipped				3	13	24	24
.d:DK					1	2	2
.l:No Life History	5522	2998	1938	294	247	358	350
.r:Refuse				2	4	4	4
0.ever married	6172	6032	7312	10359	9675	9926	9041
1.never married	405	402	521	392	335	292	251

Value	S1MNEV	S2MNEV	S3MNEV	S4MNEV	S5MNEV	S6MNEV	S7MNEV
.b:break in panel, skipped				2	4	6	8
.d:DK					1	1	
.l:No Life History	3568	1924	1210	62	55	101	115
.r:Refuse				1	1		
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.ever married	4397	4154	5035	7271	6841	7079	6385
1.never married	105	100	141	66	62	55	52

How Constructed

RwMNEV is created using the Wave 3 Life History data. ELSA issued a Life History Interview in Wave 3 that asked questions pertaining to each cohabiting partner the respondent listed in their lifetime, up to 10 relationships. These questions included year started living together, marital status, whether divorced, and year relationship ended.

RwMNEV indicates whether the respondent ever reported being married to a cohabiting partner by the time of the current wave. If any of the marriage dates in the Life History data or the interview date for the current wave are missing the cohabiting relationship was not counted as a marriage. A code of 0 indicates that the respondent was married at least once and a code of 1 indicates that the respondent has never been married. RwMNEV is set to special missing (.d) when marriage status is reported as “don’t know.” RwMNEV is set to special missing (.m) when marriage status is reported as “missing.” RwMNEV is set to special missing (.r) when marriage status is reported as “refused.” RwMNEV is set to a special missing code (.l) when the respondent did not complete the Life History interview. RwMNEV in wave 4 and onward is set to a special missing code (.b) when the respondent did not complete the Wave 3 core interview with the Life History interview or when the respondent missed a core interview since the completion of the Life History module. Both circumstances signify a break in the panel which do not allow us to accurately determine whether the respondent has never been married based on marital history. RwMNEV is set to plain missing (.) for respondents who did not respond to the current wave.

SwMNEV indicates whether the current wave’s spouse has ever been married. It is taken from the spouse's RwMNEV. In addition to the special missing codes used in RwMNEV, SwMNEV employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

The Life History interview was given to willing respondents after their Wave 3 interview. Marital history measures for Wave 1 - 3 are calculated by using the Life History data up until the interview date of the current wave. From Wave 4 onward, marital history measures are calculated using the Life History data up until time of the Wave 3 interview, the marital status reported in the Wave 3 core interview, the marital status reported in the current wave's core interview, and marital status reported in the core interview for every wave between Wave 3 and the current wave. Marital history measures are not calculated for any respondent who skips either a core interview in Wave 3 or any core interview between Wave 3 and the current wave.

Differences with the RAND HRS

In the ELSA Wave 3 Life History Survey respondents can report up to 10 relationships including their current relationship. ELSA respondents then are surveyed as to whether they were married to the individual in each relationship. HRS respondents are asked to report marriages. HRS respondents could list either 4 marriages or an unlimited number of marriages depending on when they were first interviewed.

ELSA Variables Used

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Wave 1 Core:
    IINTDTM        month of individual interview: month of date: today~s da
    IINTDTY        year of individual interview: year of date: today~s date
Wave 2 Core:
    IINTDTM        month of individual interview
    IINTDTY        year of individual interview
Wave 3 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
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    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 3 Life History:
    RPMARST        (dv) marital status (1st loop)
    RPMARST2       (dv) marital status (2nd loop)
    RPMARST3       (dv) marital status (3rd loop)
    RPMARST4       (dv) marital status (4th loop)
    RPMARST5       (dv) marital status (5th loop)
    RPMARST6       (dv) marital status (6th loop)
    RPMARST7       (dv) marital status (7th loop)
    RPYRMA         (dv) year of marriage (1st loop)
    RPYRMA2        (dv) year of marriage (2nd loop)
    RPYRMA3        (dv) year of marriage (3rd loop)
    RPYRMA4        (dv) year of marriage (4th loop)
    RPYRMA5        (dv) year of marriage (5th loop)
    RPYRMA6        (dv) year of marriage (6th loop)
    RPYRMA7        (dv) year of marriage (7th loop)
Wave 4 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 5 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 6 Core:
    DHR            relationship of this person to person 1 in the household
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    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 7 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
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Marital History: # Times Divorced

Wave	Variable	Label	Type
1	R1MDIV	r1mdiv:w1 r # times divorced	Cont
2	R2MDIV	r2mdiv:w2 r # times divorced	Cont
3	R3MDIV	r3mdiv:w3 r # times divorced	Cont
4	R4MDIV	r4mdiv:w4 r # times divorced	Cont
5	R5MDIV	r5mdiv:w5 r # times divorced	Cont
6	R6MDIV	r6mdiv:w6 r # times divorced	Cont
7	R7MDIV	r7mdiv:w7 r # times divorced	Cont
1	S1MDIV	s1mdiv:w1 s # times divorced	Cont
2	S2MDIV	s2mdiv:w2 s # times divorced	Cont
3	S3MDIV	s3mdiv:w3 s # times divorced	Cont
4	S4MDIV	s4mdiv:w4 s # times divorced	Cont
5	S5MDIV	s5mdiv:w5 s # times divorced	Cont
6	S6MDIV	s6mdiv:w6 s # times divorced	Cont
7	S7MDIV	s7mdiv:w7 s # times divorced	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MDIV	6557	0.24	0.50	0.00	4.00
R2MDIV	6416	0.24	0.50	0.00	4.00
R3MDIV	7809	0.27	0.53	0.00	4.00
R4MDIV	6897	0.26	0.53	0.00	4.00
R5MDIV	6175	0.27	0.53	0.00	4.00
R6MDIV	5570	0.27	0.53	0.00	4.00
R7MDIV	4891	0.28	0.54	0.00	4.00
S1MDIV	4492	0.19	0.44	0.00	3.00
S2MDIV	4247	0.19	0.44	0.00	3.00
S3MDIV	5165	0.22	0.47	0.00	3.00
S4MDIV	4549	0.22	0.48	0.00	3.00
S5MDIV	4104	0.22	0.48	0.00	3.00
S6MDIV	3709	0.22	0.48	0.00	4.00
S7MDIV	3241	0.23	0.49	0.00	4.00

How Constructed

RwMDIV is created using the Wave 3 Life History data. ELSA does not survey respondents as to the number of past divorces every wave. Instead, ELSA issued a Life History Interview in Wave 3 that asked questions pertaining to each cohabiting partner the respondent listed in their lifetime, up to 10 relationships. These questions included year started living together, marital status, whether divorced, and year relationship ended.

RwMDIV is the number of different cohabiting partners the respondent reported having divorced from by the time of the current wave. If the divorce date or marriage date in the Life History data, or the interview date for the current wave is missing, the divorce was not added into the count of RwMDIV. RwMDIV is set to a special missing code (.d) when marriage ending status or divorce date is reported as “don’t know.” RwMDIV is set to a special missing code (.m) when marriage ending status or divorce date is reported as “missing.” RwMDIV is set to a special missing (.r) code when marriage ending status or divorce date is reported as “refused.” RwMDIV is set to a special missing code (.l) when the respondent did not complete the Life History interview. RwMDIV in wave 4 and onward is set to a special missing code (.b) when the respondent did not complete the Wave 3 core interview with the Life History interview or when the respondent missed a core interview since the completion of the Life History module. Both circumstances signify a break in the panel which do not allow us to accurately calculate the number of divorces. RwMDIV is set to plain missing (.) for respondents who did not respond to the current wave.

SwMDIV is the number of divorces of the current wave's spouse. It is taken from the spouse's values to RwMDIV. In addition to the special missing codes used in RwMDIV, SwMDIV employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

The Life History interview was given to willing respondents after their Wave 3 interview. Marital history measures for Wave 1 - 3 are calculated by using the Life History data up until the interview date of the current wave. From Wave 4 onward, marital history measures are calculated using the Life History data up until the time of the Wave 3 interview, the marital status reported in the Wave 3 core interview, the marital status reported in the current wave's core interview, and marital status reported in the core interview for every wave between Wave 3 and the current wave. Marital history measures are not calculated for any respondent who skips either a core interview in Wave 3 or any core interview between Wave 3 and the current wave.

Differences with the RAND HRS

In the ELSA Wave 3 Life History Survey respondents can report up to 10 relationships including their current relationship. ELSA respondents then are surveyed as to whether they were married to the individual in each relationship. HRS respondents are asked to report marriages. HRS respondents could list either 4 marriages or an unlimited number of marriages depending on when they were first interviewed.

ELSA Variables Used

```
Wave 1 Core:
    IINTDTM        month of individual interview: month of date: today~s da
    IINTDTY        year of individual interview: year of date: today~s date
Wave 2 Core:
    IINTDTM        month of individual interview
    IINTDTY        year of individual interview
Wave 3 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR2           relationship of this person to person 2 in the household
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    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 3 Life History:
    RPDIV          whether divorced from partner (1st loop)
    RPDIV2         whether divorced from partner (2nd loop)
    RPDIV3         whether divorced from partner (3rd loop)
    RPDIV4         whether divorced from partner (4th loop)
    RPDIV5         whether divorced from partner (5th loop)
    RPDIV6         whether divorced from partner (6th loop)
    RPDIV7         whether divorced from partner (7th loop)
    RPDYR          year divorced from partner (1st loop)
    RPDYR2         year divorced from partner (2nd loop)
    RPDYR3         year divorced from partner (3rd loop)
    RPDYR4         year divorced from partner (4th loop)
    RPDYR5         year divorced from partner (5th loop)
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    RPDYR6          year divorced from partner (6th loop)
    RPDYR7          year divorced from partner (7th loop)
Wave 4 Core:
    DHR             relationship of this person to person 1 in the household
    DHR10           relationship of this person to person 10 in the househol
    DHR11           relationship of this person to person 11 in the househol
    DHR12           relationship of this person to person 12 in the househol
    DHR13           relationship of this person to person 13 in the househol
    DHR14           relationship of this person to person 14 in the househol
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    DHR5            relationship of this person to person 5 in the household
    DHR6            relationship of this person to person 6 in the household
    DHR7            relationship of this person to person 7 in the household
    DHR8            relationship of this person to person 8 in the household
    DHR9            relationship of this person to person 9 in the household
    DIMAR           respondent current legal marital status
    IINTDATM        month of individual interview
    IINTDATY        year of individual interview
Wave 5 Core:
    DHR             relationship of this person to person 1 in the household
    DHR10           relationship of this person to person 10 in the househol
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    DHR16           relationship of this person to person 16 in the househol
    DHR2            relationship of this person to person 2 in the household
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    DHR4            relationship of this person to person 4 in the household
    DHR5            relationship of this person to person 5 in the household
    DHR6            relationship of this person to person 6 in the household
    DHR7            relationship of this person to person 7 in the household
    DHR8            relationship of this person to person 8 in the household
    DHR9            relationship of this person to person 9 in the household
    DIMAR           respondent current legal marital status
    IINTDATM        month of individual interview
    IINTDATY        year of individual interview
Wave 6 Core:
    DHR             relationship of this person to person 1 in the household
    DHR10           relationship of this person to person 10 in the househol
    DHR11           relationship of this person to person 11 in the househol
    DHR12           relationship of this person to person 12 in the househol
    DHR13           relationship of this person to person 13 in the househol
    DHR14           relationship of this person to person 14 in the househol
    DHR15           relationship of this person to person 15 in the househol
    DHR16           relationship of this person to person 16 in the househol
    DHR2            relationship of this person to person 2 in the household
    DHR3            relationship of this person to person 3 in the household
    DHR4            relationship of this person to person 4 in the household
    DHR5            relationship of this person to person 5 in the household
    DHR6            relationship of this person to person 6 in the household
    DHR7            relationship of this person to person 7 in the household
    DHR8            relationship of this person to person 8 in the household
    DHR9            relationship of this person to person 9 in the household
    DIMAR           respondent current legal marital status
    IINTDATM        month of individual interview
    IINTDATY        year of individual interview
Wave 7 Core:
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DHR	relationship of this person to person 1 in the household
DHR10	relationship of this person to person 10 in the househol
DHR11	relationship of this person to person 11 in the househol
DHR12	relationship of this person to person 12 in the househol
DHR13	relationship of this person to person 13 in the househol
DHR14	relationship of this person to person 14 in the househol
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DHR16	relationship of this person to person 16 in the househol
DHR2	relationship of this person to person 2 in the household
DHR3	relationship of this person to person 3 in the household
DHR4	relationship of this person to person 4 in the household
DHR5	relationship of this person to person 5 in the household
DHR6	relationship of this person to person 6 in the household
DHR7	relationship of this person to person 7 in the household
DHR8	relationship of this person to person 8 in the household
DHR9	relationship of this person to person 9 in the household
DIMAR	respondent current legal marital status
IINTDATM	month of individual interview
IINTDATY	year of individual interview

Marital History: # Times Widowed

Wave	Variable	Label	Type
1	R1MWID	r1mwid:w1 r # times widowed	Cont
2	R2MWID	r2mwid:w2 r # times widowed	Cont
3	R3MWID	r3mwid:w3 r # times widowed	Cont
4	R4MWID	r4mwid:w4 r # times widowed	Cont
5	R5MWID	r5mwid:w5 r # times widowed	Cont
6	R6MWID	r6mwid:w6 r # times widowed	Cont
7	R7MWID	r7mwid:w7 r # times widowed	Cont
1	S1MWID	s1mwid:w1 s # times widowed	Cont
2	S2MWID	s2mwid:w2 s # times widowed	Cont
3	S3MWID	s3mwid:w3 s # times widowed	Cont
4	S4MWID	s4mwid:w4 s # times widowed	Cont
5	S5MWID	s5mwid:w5 s # times widowed	Cont
6	S6MWID	s6mwid:w6 s # times widowed	Cont
7	S7MWID	s7mwid:w7 s # times widowed	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MWID	6563	0.17	0.40	0.00	3.00
R2MWID	6421	0.19	0.42	0.00	3.00
R3MWID	7819	0.18	0.41	0.00	3.00
R4MWID	6913	0.19	0.42	0.00	3.00
R5MWID	6190	0.20	0.42	0.00	3.00
R6MWID	5583	0.20	0.42	0.00	3.00
R7MWID	4904	0.20	0.42	0.00	3.00
S1MWID	4500	0.04	0.20	0.00	2.00
S2MWID	4253	0.04	0.21	0.00	2.00
S3MWID	5174	0.03	0.19	0.00	2.00
S4MWID	4559	0.03	0.19	0.00	2.00
S5MWID	4112	0.03	0.18	0.00	2.00
S6MWID	3716	0.03	0.18	0.00	2.00
S7MWID	3248	0.03	0.18	0.00	2.00

How Constructed

RwMWID is created using the Wave 3 Life History data. ELSA does not survey respondents as to the number of times they became widowed every wave. Instead, ELSA issued a Life History Interview in Wave 3 that asked questions pertaining to each cohabiting partner the respondent listed in their lifetime, up to 10 relationships. These questions included year started living together, marital status, whether divorced, and year the relationship ended.

RwMWID collects the number of different cohabiting partners the respondent reported having married and reported that the relationship ended in widowhood by the time of the current wave. If the widowed date or marriage date in the Life History data or the interview date for the current wave is missing the reported widowhood was not added into the count of RwMWID. RwMWID is set to a special missing code (.d) when marriage ending status or date of partner's death is reported as "don't know." RwMWID is set to a special missing code (.m) when marriage ending status or date of partner's death is reported as "missing." RwMWID is set to a special missing code (.r) when marriage ending status or date of partner's death is reported as "refused." RwMWID is set to a special missing code (.l) when the respondent did not complete the Life History interview. RwMWID in wave 4 and onward is set to a special missing code (.b) when the respondent did not complete the Wave 3 core interview with the Life History interview or when the respondent missed a core interview since the completion of the Life History module. Both circumstances signify a break in the panel which do not allow us to accurately calculate the number of

times widowed. RwMWID is set to plain missing (.) for respondents who did not respond to the current wave.

SwMWID is the number of times the current wave's spouse has been widowed. It is taken from the spouse's values to RwMWID. In addition to the special missing codes used in RwMWID, SwMWID employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value code of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value code of .v is used.

Cross Wave Differences in ELSA

The Life History interview was given to willing respondents after their Wave 3 interview. Marital history measures for Wave 1 - 3 are calculated by using the Life History data up until the interview date of the current wave. From Wave 4 onward, marital history measures are calculated using the Life History data up until the time of the Wave 3 interview, the marital status reported in the Wave 3 core interview, the marital status reported in the current wave's core interview, and marital status reported in the core interview for every wave between Wave 3 and the current wave. Marital history measures are not calculated for any respondent who skips either a core interview in Wave 3 or any core interview between Wave 3 and the current wave.

Differences with the RAND HRS

In the ELSA Wave 3 Life History Survey respondents can report up to 10 relationships including their current relationship. ELSA respondents then are surveyed as to whether they were married to the individual in each relationship. HRS respondents are asked to report marriages instead. HRS respondents could list either 4 marriages or an unlimited number of marriages depending on when they were first interviewed.

ELSA Variables Used

```
Wave 1 Core:
    IINTDTM        month of individual interview: month of date: today~s da
    IINTDTY        year of individual interview: year of date: today~s date
Wave 2 Core:
    IINTDTM        month of individual interview
    IINTDTY        year of individual interview
Wave 3 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 3 Life History:
    RPDIY          year partner died (1st loop)
    RPDIY2         year partner died (2nd loop)
    RPDIY3         year partner died (3rd loop)
    RPDIY4         year partner died (4th loop)
    RPDIY5         year partner died (5th loop)
    RPDIY6         year partner died (6th loop)
    RPDIY7         year partner died (7th loop)
    RPFIN          reason relationship ended (1st loop)
    RPFIN2         reason relationship ended (2nd loop)
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    RPFIN3          reason relationship ended (2nd loop)
    RPFIN4          reason relationship ended (4th loop)
    RPFIN5          reason relationship ended (5th loop)
    RPFIN6          reason relationship ended (6th loop)
    RPFIN7          reason relationship ended (7th loop)
    RPMARST         (dv) marital status (1st loop)
    RPMARST2        (dv) marital status (2nd loop)
    RPMARST3        (dv) marital status (3rd loop)
    RPMARST4        (dv) marital status (4th loop)
    RPMARST5        (dv) marital status (5th loop)
    RPMARST6        (dv) marital status (6th loop)
    RPMARST7        (dv) marital status (7th loop)
Wave 4 Core:
    DHR             relationship of this person to person 1 in the household
    DHR10           relationship of this person to person 10 in the househol
    DHR11           relationship of this person to person 11 in the househol
    DHR12           relationship of this person to person 12 in the househol
    DHR13           relationship of this person to person 13 in the househol
    DHR14           relationship of this person to person 14 in the househol
    DHR15           relationship of this person to person 15 in the househol
    DHR16           relationship of this person to person 16 in the househol
    DHR2            relationship of this person to person 2 in the household
    DHR3            relationship of this person to person 3 in the household
    DHR4            relationship of this person to person 4 in the household
    DHR5            relationship of this person to person 5 in the household
    DHR6            relationship of this person to person 6 in the household
    DHR7            relationship of this person to person 7 in the household
    DHR8            relationship of this person to person 8 in the household
    DHR9            relationship of this person to person 9 in the household
    DIMAR           respondent current legal marital status
    IINTDATM        month of individual interview
    IINTDATY        year of individual interview
Wave 5 Core:
    DHR             relationship of this person to person 1 in the household
    DHR10           relationship of this person to person 10 in the househol
    DHR11           relationship of this person to person 11 in the househol
    DHR12           relationship of this person to person 12 in the househol
    DHR13           relationship of this person to person 13 in the househol
    DHR14           relationship of this person to person 14 in the househol
    DHR15           relationship of this person to person 15 in the househol
    DHR16           relationship of this person to person 16 in the househol
    DHR2            relationship of this person to person 2 in the household
    DHR3            relationship of this person to person 3 in the household
    DHR4            relationship of this person to person 4 in the household
    DHR5            relationship of this person to person 5 in the household
    DHR6            relationship of this person to person 6 in the household
    DHR7            relationship of this person to person 7 in the household
    DHR8            relationship of this person to person 8 in the household
    DHR9            relationship of this person to person 9 in the household
    DIMAR           respondent current legal marital status
    IINTDATM        month of individual interview
    IINTDATY        year of individual interview
Wave 6 Core:
    DHR             relationship of this person to person 1 in the household
    DHR10           relationship of this person to person 10 in the househol
    DHR11           relationship of this person to person 11 in the household
    DHR12           relationship of this person to person 12 in the household
    DHR13           relationship of this person to person 13 in the household
    DHR14           relationship of this person to person 14 in the household
    DHR15           relationship of this person to person 15 in the household
    DHR16           relationship of this person to person 16 in the household
    DHR2            relationship of this person to person 2 in the household
    DHR3            relationship of this person to person 3 in the household
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    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 7 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
```

Marital History: # Times Don't Know

Wave	Variable	Label	Type
1	R1MEND	r1mend:w1 r # times unknown end marriage	Cont
2	R2MEND	r2mend:w2 r # times unknown end marriage	Cont
3	R3MEND	r3mend:w3 r # times unknown end marriage	Cont
4	R4MEND	r4mend:w4 r # times unknown end marriage	Cont
5	R5MEND	r5mend:w5 r # times unknown end marriage	Cont
6	R6MEND	r6mend:w6 r # times unknown end marriage	Cont
7	R7MEND	r7mend:w7 r # times unknown end marriage	Cont
1	S1MEND	s1mend:w1 s # times unknown end marriage	Cont
2	S2MEND	s2mend:w2 s # times unknown end marriage	Cont
3	S3MEND	s3mend:w3 s # times unknown end marriage	Cont
4	S4MEND	s4mend:w4 s # times unknown end marriage	Cont
5	S5MEND	s5mend:w5 s # times unknown end marriage	Cont
6	S6MEND	s6mend:w6 s # times unknown end marriage	Cont
7	S7MEND	s7mend:w7 s # times unknown end marriage	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MEND	6576	0.00	0.03	0.00	1.00
R2MEND	6434	0.00	0.03	0.00	1.00
R3MEND	7832	0.00	0.03	0.00	1.00
R4MEND	6917	0.00	0.03	0.00	1.00
R5MEND	6193	0.00	0.04	0.00	1.00
R6MEND	5585	0.00	0.04	0.00	1.00
R7MEND	4904	0.00	0.05	0.00	1.00
S1MEND	4501	0.00	0.02	0.00	1.00
S2MEND	4254	0.00	0.02	0.00	1.00
S3MEND	5175	0.00	0.02	0.00	1.00
S4MEND	4559	0.00	0.03	0.00	1.00
S5MEND	4112	0.00	0.03	0.00	1.00
S6MEND	3716	0.00	0.03	0.00	1.00
S7MEND	3248	0.00	0.04	0.00	1.00

How Constructed

RwMEND is created using the Wave 3 Life History data. ELSA issued a Life History Interview in Wave 3 that asked questions pertaining to each cohabiting partner the respondent listed in their lifetime, up to 10 relationships. These questions included year started living together, marital status, whether divorced, and year relationship ended.

RwMEND collects the number of different cohabiting partners the respondent reported having been married to by the time of the current wave and reported the relationship ended but that the marriage did not end due to divorce or widowhood. There are two instances where a marriage was considered to have ended due to unknown reasons. The first is if the respondent reported that the marriage ended but the marriage end was reported as “other”. The second was if the respondent reported another marriage date (by the time of the current wave) after the first marriage but didn’t report the earlier marriage as ending in divorce, widowhood, or other. If the marriage dates in the Life History data or the interview date for the current wave are missing, the marriage was not counted in RwMEND. RwMEND is set to a special missing code (.d) when marriage ending status is reported as “don’t know.” RwMEND is set to a special missing code (.m) when marriage ending status is reported as “missing.” RwMEND is set to a special missing code (.r) when marriage ending status is reported as “refused.” RwMEND is set to a special missing code (.l) when the respondent did not complete the Life History interview. RwMEND in wave 4 and onward is set to a special missing code (.b) when the respondent did not complete the Wave 3 core interview with the Life History interview or when the respondent missed a core interview since the completion of the Life History module.

Both circumstances signify a break in the panel which do not allow us to accurately calculate the number of marriage ends. RwMEND is set to plain missing (.) for respondents who did not respond to the current wave.

SwMEND is the number of marriages of the current wave's spouse which ended due to unknown reasons. It is taken from the spouse's values to RwMEND. In addition to the special missing codes used in RwMEND, SwMEND employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

The Life History interview was given to willing respondents after their Wave 3 interview. Marital history measures for Wave 1 - 3 are calculated by using the Life History data up until the interview date of the current wave. From Wave 4 onward, marital history measures are calculated using the Life History data up until the time of the Wave 3 interview, the marital status reported in the Wave 3 core interview, the marital status reported in the current wave's core interview, and marital status reported in the core interview for every wave between Wave 3 and the current wave. Marital history measures are not calculated for any respondent who skips either a core interview in Wave 3 or any core interview between Wave 3 and the current wave.

Differences with the RAND HRS

In the ELSA Wave 3 Life History Survey respondents can report up to 10 relationships including their current relationship. ELSA respondents then are surveyed as to whether they were married to the individual in each relationship. HRS respondents are asked to report marriages instead. HRS respondents could list either 4 marriages or an unlimited number of marriages depending on the year they were first interviewed.

ELSA Variables Used

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Wave 1 Core:
    IINTDTM        month of individual interview: month of date: today~s da
    IINTDTY        year of individual interview: year of date: today~s date
Wave 2 Core:
    IINTDTM        month of individual interview
    IINTDTY        year of individual interview
Wave 3 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 3 Life History:
    RPFIN          reason relationship ended (1st loop)
    RPFIN2         reason relationship ended (2nd loop)
    RPFIN3         reason relationship ended (2nd loop)
    RPFIN4         reason relationship ended (4th loop)
    RPFIN5         reason relationship ended (5th loop)
    RPFIN6         reason relationship ended (6th loop)
    RPFIN7         reason relationship ended (7th loop)
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    RPMARST        (dv) marital status (1st loop)
    RPMARST2       (dv) marital status (2nd loop)
    RPMARST3       (dv) marital status (3rd loop)
    RPMARST4       (dv) marital status (4th loop)
    RPMARST5       (dv) marital status (5th loop)
    RPMARST6       (dv) marital status (6th loop)
    RPMARST7       (dv) marital status (7th loop)
    RPYRMA         (dv) year of marriage (1st loop)
    RPYRMA2        (dv) year of marriage (2nd loop)
    RPYRMA3        (dv) year of marriage (3rd loop)
    RPYRMA4        (dv) year of marriage (4th loop)
    RPYRMA5        (dv) year of marriage (5th loop)
    RPYRMA6        (dv) year of marriage (6th loop)
    RPYRMA7        (dv) year of marriage (7th loop)
Wave 4 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 5 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 6 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
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    DHR2          relationship of this person to person 2 in the household
    DHR3          relationship of this person to person 3 in the household
    DHR4          relationship of this person to person 4 in the household
    DHR5          relationship of this person to person 5 in the household
    DHR6          relationship of this person to person 6 in the household
    DHR7          relationship of this person to person 7 in the household
    DHR8          relationship of this person to person 8 in the household
    DHR9          relationship of this person to person 9 in the household
    DIMAR         respondent current legal marital status
    IINTDATM      month of individual interview
    IINTDATY      year of individual interview
Wave 7 Core:
    DHR           relationship of this person to person 1 in the household
    DHR10         relationship of this person to person 10 in the househol
    DHR11         relationship of this person to person 11 in the househol
    DHR12         relationship of this person to person 12 in the househol
    DHR13         relationship of this person to person 13 in the househol
    DHR14         relationship of this person to person 14 in the househol
    DHR15         relationship of this person to person 15 in the househol
    DHR16         relationship of this person to person 16 in the househol
    DHR2          relationship of this person to person 2 in the household
    DHR3          relationship of this person to person 3 in the household
    DHR4          relationship of this person to person 4 in the household
    DHR5          relationship of this person to person 5 in the household
    DHR6          relationship of this person to person 6 in the household
    DHR7          relationship of this person to person 7 in the household
    DHR8          relationship of this person to person 8 in the household
    DHR9          relationship of this person to person 9 in the household
    DIMAR         respondent current legal marital status
    IINTDATM      month of individual interview
    IINTDATY      year of individual interview
```

Length of Current Marriage

Wave	Variable	Label	Type
1	R1MCURLN	r1mcurln:w1 r length of current marriage	Cont
2	R2MCURLN	r2mcurln:w2 r length of current marriage	Cont
3	R3MCURLN	r3mcurln:w3 r length of current marriage	Cont
4	R4MCURLN	r4mcurln:w4 r length of current marriage	Cont
5	R5MCURLN	r5mcurln:w5 r length of current marriage	Cont
6	R6MCURLN	r6mcurln:w6 r length of current marriage	Cont
7	R7MCURLN	r7mcurln:w7 r length of current marriage	Cont
1	S1MCURLN	s1mcurln:w1 s length of current marriage	Cont
2	S2MCURLN	s2mcurln:w2 s length of current marriage	Cont
3	S3MCURLN	s3mcurln:w3 s length of current marriage	Cont
4	S4MCURLN	s4mcurln:w4 s length of current marriage	Cont
5	S5MCURLN	s5mcurln:w5 s length of current marriage	Cont
6	S6MCURLN	s6mcurln:w6 s length of current marriage	Cont
7	S7MCURLN	s7mcurln:w7 s length of current marriage	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MCURLN	4483	33.82	12.63	0.00	65.00
R2MCURLN	4284	35.57	12.89	0.00	65.00
R3MCURLN	5193	34.55	13.59	0.00	67.00
R4MCURLN	4459	36.59	13.11	2.00	70.00
R5MCURLN	3984	38.18	13.11	3.00	69.00
R6MCURLN	3680	39.54	12.67	5.00	70.00
R7MCURLN	3236	41.22	12.38	7.00	70.00
S1MCURLN	4185	34.01	12.55	0.00	65.00
S2MCURLN	3971	35.77	12.77	0.00	65.00
S3MCURLN	4796	34.69	13.50	0.00	67.00
S4MCURLN	4199	36.69	13.17	2.00	70.00
S5MCURLN	3802	38.21	13.03	3.00	69.00
S6MCURLN	3540	39.51	12.69	5.00	70.00
S7MCURLN	3108	41.19	12.38	7.00	70.00

How Constructed

RwMCURLN is created using the Wave 3 Life History data. ELSA does not survey respondents as to the length of their current marriage in every wave. Instead, ELSA issued a Life History Interview in Wave 3 that asked questions pertaining to each cohabiting partner the respondent listed in their lifetime, up to 10 relationships. These questions included year started living together, marital status, whether divorced, and year relationship ended.

RwMCURLN is the length of the respondent’s current marriage in years at the current wave. Current marriage is defined as a reported marriage (by the time of the current wave) which has not ended in divorce, widowhood, or “other,” and which is not followed by any newer marriages or spouses. The length of the current marriage is calculated by subtracting the marriage date from the interview date for the current wave. If the marriage date or interview date for the current wave is missing, the marriage length is not calculated for RwMCURLN. RwMCURLN is set to a special missing value (.d) when marriage ending status, marriage status, divorce date, or date partner’s death is reported as “don’t know.” RwMCURLN is set to a special missing value (.m) when marriage ending status, marriage status, divorce date, or date partner’s death is reported as “missing.” RwMCURLN is set to a special missing value (.r) when marriage ending status, marriage status, divorce date, or date of partner’s death is reported as “refused.” RwMCURLN is set to a special missing code (.l) when the respondent did not complete the Life History interview. RwMCURLN in wave 4 and onward is set to a special missing code (.b) when the respondent did not complete the Wave 3 core interview with the Life History interview or when the respondent missed a

core interview since the completion of the Life History module. Both circumstances signify a break in the panel which do not allow us to accurately calculate the length of the current marriage. RwMCURLN is set to plain missing (.) for respondents who did not respond to the current wave.

SwMCURLN measures the length of the current wave's spouse's current marriage. It is taken from the spouse's values to RwMCURLN. In addition to the special missing codes used in RwMCURLN, SwMCURLN employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

The Life History interview was given to willing respondents after their Wave 3 interview. Length of marriages in Waves 1 - 3 are calculated by using the Life History data up until the interview date of the current wave. From Wave 4 onward, length of marriages are calculated using the Life History data up until time of the Wave 3 interview, the marital status reported in the Wave 3 core interview, the marital status reported in the current wave's core interview, and marital status reported in the core interview for every wave between Wave 3 and the current wave. Marital history measures are not calculated for any respondent who skips either the core interview in Wave 3 or any other core interviews between Wave 3 and the current wave.

Differences with the RAND HRS

In the ELSA Wave 3 Life History Survey respondents can report up to 10 relationships including their current relationship. ELSA respondents then are surveyed as to whether they were married to the individual in each relationship. HRS respondents are asked to report marriages instead. HRS respondents could list either 4 marriages or an unlimited number of marriages depending on the year when they were first interviewed.

ELSA Variables Used

```
Wave 1 Core:
    IINTDTM        month of individual interview: month of date: today~s da
    IINTDTY        year of individual interview: year of date: today~s date
Wave 2 Core:
    IINTDTM        month of individual interview
    IINTDTY        year of individual interview
Wave 3 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 3 Life History:
    RPDIY          year partner died (1st loop)
    RPDIY2         year partner died (2nd loop)
    RPDIY3         year partner died (3rd loop)
    RPDIY4         year partner died (4th loop)
    RPDIY5         year partner died (5th loop)
    RPDIY6         year partner died (6th loop)
    RPDIY7         year partner died (7th loop)
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    RPDYR          year divorced from partner (1st loop)
    RPDYR2         year divorced from partner (2nd loop)
    RPDYR3         year divorced from partner (3rd loop)
    RPDYR4         year divorced from partner (4th loop)
    RPDYR5         year divorced from partner (5th loop)
    RPDYR6         year divorced from partner (6th loop)
    RPDYR7         year divorced from partner (7th loop)
    RPFIN          reason relationship ended (1st loop)
    RPFIN2         reason relationship ended (2nd loop)
    RPFIN3         reason relationship ended (2nd loop)
    RPFIN4         reason relationship ended (4th loop)
    RPFIN5         reason relationship ended (5th loop)
    RPFIN6         reason relationship ended (6th loop)
    RPFIN7         reason relationship ended (7th loop)
    RPYRMA         (dv) year of marriage (1st loop)
    RPYRMA2        (dv) year of marriage (2nd loop)
    RPYRMA3        (dv) year of marriage (3rd loop)
    RPYRMA4        (dv) year of marriage (4th loop)
    RPYRMA5        (dv) year of marriage (5th loop)
    RPYRMA6        (dv) year of marriage (6th loop)
    RPYRMA7        (dv) year of marriage (7th loop)
Wave 4 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 5 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 6 Core:
    DHR            relationship of this person to person 1 in the household
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    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 7 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
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Length of Longest Marriage (Including Current)

Wave	Variable	Label	Type
1	R1MLEN	r1mlen:w1 r length of longest marriage	Cont
2	R2MLEN	r2mlen:w2 r length of longest marriage	Cont
3	R3MLEN	r3mlen:w3 r length of longest marriage	Cont
4	R4MLEN	r4mlen:w4 r length of longest marriage	Cont
5	R5MLEN	r5mlen:w5 r length of longest marriage	Cont
6	R6MLEN	r6mlen:w6 r length of longest marriage	Cont
7	R7MLEN	r7mlen:w7 r length of longest marriage	Cont
1	S1MLEN	s1mlen:w1 s length of longest marriage	Cont
2	S2MLEN	s2mlen:w2 s length of longest marriage	Cont
3	S3MLEN	s3mlen:w3 s length of longest marriage	Cont
4	S4MLEN	s4mlen:w4 s length of longest marriage	Cont
5	S5MLEN	s5mlen:w5 s length of longest marriage	Cont
6	S6MLEN	s6mlen:w6 s length of longest marriage	Cont
7	S7MLEN	s7mlen:w7 s length of longest marriage	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MLEN	4500	33.84	12.65	0.00	65.00
R2MLEN	4300	35.60	12.91	0.00	65.00
R3MLEN	5210	34.58	13.60	0.00	67.00
R4MLEN	4452	36.61	13.10	2.00	70.00
R5MLEN	3978	38.20	13.10	3.00	69.00
R6MLEN	3674	39.56	12.66	5.00	70.00
R7MLEN	3230	41.24	12.38	7.00	70.00
S1MLEN	4198	34.01	12.57	0.00	65.00
S2MLEN	3981	35.78	12.79	0.00	65.00
S3MLEN	4801	34.70	13.51	0.00	67.00
S4MLEN	4193	36.71	13.17	2.00	70.00
S5MLEN	3797	38.23	13.03	3.00	69.00
S6MLEN	3535	39.53	12.68	5.00	70.00
S7MLEN	3103	41.21	12.38	7.00	70.00

How Constructed

RwMLEN is created using the Wave 3 Life History data. ELSA issued a Life History Interview in Wave 3 that asked questions pertaining to each cohabiting partner the respondent listed in their lifetime, up to 10 relationships. These questions included year started living together, marital status, whether divorced, and year relationship ended.

RwMLEN is the length in years of the respondent’s longest marriage at the time of the current wave. Marriage length is calculated for every married partner listed by the respondent. For current marriage, that is a marriage which has not ended due to divorce, widowhood, or “other” and which is not followed by any newer marriages or spouses, marriage length is calculated by subtracting the marriage date from the interview date of the current wave. For marriages which have ended in divorce by the current wave, marriage length is calculated by subtracting the marriage date from the date of the divorce given that no other marriages were reported as beginning before the date of the divorce. For marriages which have ended in widowhood by the current wave, marriage length is calculated by subtracting the marriage date from the date the partner died given that no other marriages were reported as beginning before the date of the partner’s death. Marriage length is not calculated for marriages in which information on the end of the marriage is missing in the Life History data. RwMLEN is the length of the longest calculated marriage. If the marriage date, divorce date, date of partner’s death, or the interview date for the current wave is missing, the marriage length is not calculated for RwMLEN. RwMLEN is set to a special missing code (.d) when marriage ending status, marriage status, divorce date, or date of partner’s death is reported

as “don’t know.” RwMLEN is set to a special missing code (.m) when marriage ending status, marriage status, divorce date, or date of partner’s death is reported as “missing.” RwMLEN is set to a special missing code (.r) when marriage ending status, marriage status, divorce date, or date of partner’s death is reported as “refused.” RwMLEN is set to a special missing code (.l) when the respondent did not complete the Life History interview. RwMLEN in wave 4 and onward is set to a special missing code (.b) when the respondent did not complete the Wave 3 core interview with the Life History interview or when the respondent missed a core interview since the completion of the Life History module. Both circumstances signify a break in the panel which do not allow us to accurately calculate the length of the current marriage. RwMLEN is set to plain missing code (.) for respondents who did not respond to the current wave.

SwMLEN is the length of the current wave’s spouse’s longest marriage. It is taken from the spouse's values to RwMLEN. In addition to the special missing codes used in RwMLEN, SwMLEN employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

The Life History interview was given to willing respondents after their Wave 3 interview. Length of marriages in Waves 1 - 3 are calculated by using the Life History data up until the interview date of the current wave. From Wave 4 onward, length of marriages are calculated using the Life History data up until time of the Wave 3 interview, the marital status reported in the Wave 3 core interview, the marital status reported in the current wave's core interview, and marital status reported in the core interview for every wave between Wave 3 and the current wave. Marital history measures are not calculated for any respondent who skips either the core interview in Wave 3 or any other core interviews between Wave 3 and the current wave.

Differences with the RAND HRS

In the ELSA Wave 3 Life History Survey respondents can report up to 10 relationships including their current relationship. ELSA respondents then are surveyed as to whether they were married to the individual in each relationship. HRS respondents are asked to report marriages instead. HRS respondents could list either 4 marriages or an unlimited number of marriages depending on when they were first interviewed.

ELSA Variables Used

```
Wave 1 Core:
    IINTDTM        month of individual interview: month of date: today~s da
    IINTDTY        year of individual interview: year of date: today~s date
Wave 2 Core:
    IINTDTM        month of individual interview
    IINTDTY        year of individual interview
Wave 3 Core:
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
    DIMAR          respondent current legal marital status
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
Wave 3 Life History:
    RPDIY          year partner died (1st loop)
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    RPDIY2          year partner died (2nd loop)
    RPDIY3          year partner died (3rd loop)
    RPDIY4          year partner died (4th loop)
    RPDIY5          year partner died (5th loop)
    RPDIY6          year partner died (6th loop)
    RPDIY7          year partner died (7th loop)
    RPDYR           year divorced from partner (1st loop)
    RPDYR2          year divorced from partner (2nd loop)
    RPDYR3          year divorced from partner (3rd loop)
    RPDYR4          year divorced from partner (4th loop)
    RPDYR5          year divorced from partner (5th loop)
    RPDYR6          year divorced from partner (6th loop)
    RPDYR7          year divorced from partner (7th loop)
    RPFIN           reason relationship ended (1st loop)
    RPFIN2          reason relationship ended (2nd loop)
    RPFIN3          reason relationship ended (2nd loop)
    RPFIN4          reason relationship ended (4th loop)
    RPFIN5          reason relationship ended (5th loop)
    RPFIN6          reason relationship ended (6th loop)
    RPFIN7          reason relationship ended (7th loop)
    RPYRMA          (dv) year of marriage (1st loop)
    RPYRMA2         (dv) year of marriage (2nd loop)
    RPYRMA3         (dv) year of marriage (3rd loop)
    RPYRMA4         (dv) year of marriage (4th loop)
    RPYRMA5         (dv) year of marriage (5th loop)
    RPYRMA6         (dv) year of marriage (6th loop)
    RPYRMA7         (dv) year of marriage (7th loop)
Wave 4 Core:
    DHR             relationship of this person to person 1 in the household
    DHR10           relationship of this person to person 10 in the househol
    DHR11           relationship of this person to person 11 in the househol
    DHR12           relationship of this person to person 12 in the househol
    DHR13           relationship of this person to person 13 in the househol
    DHR14           relationship of this person to person 14 in the househol
    DHR15           relationship of this person to person 15 in the househol
    DHR16           relationship of this person to person 16 in the househol
    DHR2            relationship of this person to person 2 in the household
    DHR3            relationship of this person to person 3 in the household
    DHR4            relationship of this person to person 4 in the household
    DHR5            relationship of this person to person 5 in the household
    DHR6            relationship of this person to person 6 in the household
    DHR7            relationship of this person to person 7 in the household
    DHR8            relationship of this person to person 8 in the household
    DHR9            relationship of this person to person 9 in the household
    DIMAR           respondent current legal marital status
    IINTDATM        month of individual interview
    IINTDATY        year of individual interview
Wave 5 Core:
    DHR             relationship of this person to person 1 in the household
    DHR10           relationship of this person to person 10 in the househol
    DHR11           relationship of this person to person 11 in the househol
    DHR12           relationship of this person to person 12 in the househol
    DHR13           relationship of this person to person 13 in the househol
    DHR14           relationship of this person to person 14 in the househol
    DHR15           relationship of this person to person 15 in the househol
    DHR16           relationship of this person to person 16 in the househol
    DHR2            relationship of this person to person 2 in the household
    DHR3            relationship of this person to person 3 in the household
    DHR4            relationship of this person to person 4 in the household
    DHR5            relationship of this person to person 5 in the household
    DHR6            relationship of this person to person 6 in the household
    DHR7            relationship of this person to person 7 in the household
    DHR8            relationship of this person to person 8 in the household
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    DHR9          relationship of this person to person 9 in the household
    DIMAR         respondent current legal marital status
    IINTDATM      month of individual interview
    IINTDATY      year of individual interview
Wave 6 Core:
    DHR           relationship of this person to person 1 in the household
    DHR10         relationship of this person to person 10 in the househol
    DHR11         relationship of this person to person 11 in the househol
    DHR12         relationship of this person to person 12 in the househol
    DHR13         relationship of this person to person 13 in the househol
    DHR14         relationship of this person to person 14 in the househol
    DHR15         relationship of this person to person 15 in the househol
    DHR16         relationship of this person to person 16 in the househol
    DHR2          relationship of this person to person 2 in the household
    DHR3          relationship of this person to person 3 in the household
    DHR4          relationship of this person to person 4 in the household
    DHR5          relationship of this person to person 5 in the household
    DHR6          relationship of this person to person 6 in the household
    DHR7          relationship of this person to person 7 in the household
    DHR8          relationship of this person to person 8 in the household
    DHR9          relationship of this person to person 9 in the household
    DIMAR         respondent current legal marital status
    IINTDATM      month of individual interview
    IINTDATY      year of individual interview
Wave 7 Core:
    DHR           relationship of this person to person 1 in the household
    DHR10         relationship of this person to person 10 in the househol
    DHR11         relationship of this person to person 11 in the househol
    DHR12         relationship of this person to person 12 in the househol
    DHR13         relationship of this person to person 13 in the househol
    DHR14         relationship of this person to person 14 in the househol
    DHR15         relationship of this person to person 15 in the househol
    DHR16         relationship of this person to person 16 in the househol
    DHR2          relationship of this person to person 2 in the household
    DHR3          relationship of this person to person 3 in the household
    DHR4          relationship of this person to person 4 in the household
    DHR5          relationship of this person to person 5 in the household
    DHR6          relationship of this person to person 6 in the household
    DHR7          relationship of this person to person 7 in the household
    DHR8          relationship of this person to person 8 in the household
    DHR9          relationship of this person to person 9 in the household
    DIMAR         respondent current legal marital status
    IINTDATM      month of individual interview
    IINTDATY      year of individual interview
```

Place of Birth

Wave	Variable	Label	Type
1	RABPLACE	rabplace: r place of birth	Categ
1	S1BPLACE	s1bplace:w1 s place of birth	Categ
2	S2BPLACE	s2bplace:w2 s place of birth	Categ
3	S3BPLACE	s3bplace:w3 s place of birth	Categ
4	S4BPLACE	s4bplace:w4 s place of birth	Categ
5	S5BPLACE	s5bplace:w5 s place of birth	Categ
6	S6BPLACE	s6bplace:w6 s place of birth	Categ
7	S7BPLACE	s7bplace:w7 s place of birth	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RABPLACE	18381	1.95	2.93	1.00	11.00
S1BPLACE	8002	1.67	2.50	1.00	11.00
S2BPLACE	6152	1.58	2.34	1.00	11.00
S3BPLACE	6355	1.76	2.66	1.00	11.00
S4BPLACE	7360	1.91	2.88	1.00	11.00
S5BPLACE	6925	1.92	2.89	1.00	11.00
S6BPLACE	7204	1.97	2.97	1.00	11.00
S7BPLACE	6528	1.99	2.99	1.00	11.00

Categorical Variable Codes

Value	RABPLACE
.d:DK	7
.m:Missing	82
.r:Refuse	19
1.uk	16640
11.elsewhere outside of uk	1741

Value	S1BPLACE	S2BPLACE	S3BPLACE	S4BPLACE	S5BPLACE	S6BPLACE	S7BPLACE
.d:DK	3	3	1		3	3	2
.m:Missing	56	22	30	25	34	34	26
.r:Refuse	9	1		17	2	1	4
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.uk	7468	5793	5869	6688	6289	6502	5880
11.elsewhere outside of uk	534	359	486	672	636	702	648

How Constructed

Place of birth was derived by looking at reports from all waves of data. RABPLACE indicates the respondent’s birthplace. A code of 1 indicates the respondent was born inside the UK and a code of 11 indicates that the respondent was born outside of the UK. Don’t know, refused, or other missing responses to RABPLACE are assigned special missing codes .d, .r, .m respectively. RABPLACE is set to plain missing (.) for respondents who did not respond to any wave.

SwBPLACE is the place of birth of the current wave’s spouse. It is taken from the spouse's values to RABPLACE. In addition to the special missing codes of RABPLACE, SwBPLACE uses several additional special missing codes. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, ELSA only provides birth place information as to whether the respondent was born inside or outside of the UK.

ELSA Variables Used

```
Wave 1 Core:
    APOBR          hse country of birth collapsed into uk and elsewhere to
    FQCBTHR        elsa country of birth collapsed into uk and elsewhere to
Wave 2 Core:
    FQCBTHR        country of birth recoded into uk and non-uk
Wave 3 Core:
    FQCBTHR        country of birth recoded into uk and non-uk
Wave 4 Core:
    FQCBTHR        country of birth recoded into uk and non-uk
Wave 5 Core:
    FQCBTHR        country of birth recoded into uk and non-uk
Wave 6 Core:
    FQCBTHR        country of birth recoded into uk and non-uk
Wave 7 Core:
    FQCBTHR        country of birth recoded into uk and non-uk
```

Whether Born in Country of Interview

Wave	Variable	Label	Type
1	RABCOUNTRY	rabcountry: r born in country of interview	Categ
1	S1BCOUNTRY	s1bcountry:w1 s born in country of interview	Categ
2	S2BCOUNTRY	s2bcountry:w2 s born in country of interview	Categ
3	S3BCOUNTRY	s3bcountry:w3 s born in country of interview	Categ
4	S4BCOUNTRY	s4bcountry:w4 s born in country of interview	Categ
5	S5BCOUNTRY	s5bcountry:w5 s born in country of interview	Categ
6	S6BCOUNTRY	s6bcountry:w6 s born in country of interview	Categ
7	S7BCOUNTRY	s7bcountry:w7 s born in country of interview	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RABCOUNTRY	18381	0.91	0.29	0.00	1.00
S1BCOUNTRY	8002	0.93	0.25	0.00	1.00
S2BCOUNTRY	6152	0.94	0.23	0.00	1.00
S3BCOUNTRY	6355	0.92	0.27	0.00	1.00
S4BCOUNTRY	7360	0.91	0.29	0.00	1.00
S5BCOUNTRY	6925	0.91	0.29	0.00	1.00
S6BCOUNTRY	7204	0.90	0.30	0.00	1.00
S7BCOUNTRY	6528	0.90	0.30	0.00	1.00

Categorical Variable Codes

Value	RABCOUNTRY
.d:DK	7
.m:Missing	82
.r:Refuse	19
0.out of country	1741
1.in country	16640

Value	S1BCOUNTRY	S2BCOUNTRY	S3BCOUNTRY	S4BCOUNTRY	S5BCOUNTRY	S6BCOUNTRY	S7BCOUNTRY
.d:DK	3	3	1		3	3	2
.m:Missing	56	22	30	25	34	34	26
.r:Refuse	9	1		17	2	1	4
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.out of country	534	359	486	672	636	702	648
1.in country	7468	5793	5869	6688	6289	6502	5880

How Constructed

RABCOUNTRY indicates whether the respondent was born in their interview country, specifically the UK. RABCOUNTRY is assigned a 0 if the interview did not take place in the country of birth (the UK), and is assigned a 1 if the interview did take place in the country of birth (the UK). Place of birth was derived by looking at reports from all waves of data. When respondents don’t know, refuse to answer, or are missing, RABCOUNTRY is assigned special missing values .d, .r, or .m, respectively. RABCOUNTRY is set to plain missing (.) for respondents who did not respond to the current wave.

SwBCOUNTRY indicates whether the respondent's current wave's spouse was born in their interview country (the UK). It is taken from the spouse's RABCOUNTRY. In addition to the special missing codes used for RABCOUNTRY, SwBCOUNTRY employs two other special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike ELSA, HRS does not elicit information about the country of birth, so this variable cannot be created.

ELSA Variables Used

```
Wave 1 Core:
    APOBR          hse country of birth collapsed into uk and elsewhere to
    FQCBTHR        elsa country of birth collapsed into uk and elsewhere to
Wave 2 Core:
    FQCBTHR        country of birth recoded into uk and non-uk
Wave 3 Core:
    FQCBTHR        country of birth recoded into uk and non-uk
Wave 4 Core:
    FQCBTHR        country of birth recoded into uk and non-uk
Wave 5 Core:
    FQCBTHR        country of birth recoded into uk and non-uk
Wave 6 Core:
    FQCBTHR        country of birth recoded into uk and non-uk
Wave 7 Core:
    FQCBTHR        country of birth recoded into uk and non-uk
```

Religion

Wave	Variable	Label	Type
1	RARELIG_E	rarelig_e:r religion	Categ
5	S5RELIG_E	s5relig_e:w5 s religion	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RARELIG_E	8812	2.22	2.61	1.00	8.00
S5RELIG_E	6064	2.22	2.61	1.00	8.00

Categorical Variable Codes

Value	RARELIG_E
.i:Irrelevant answer	10
.m:Missing	707
.p:proxy	537
.r:Refuse	208
.w:not in Wave 5	8215
1.Christian	7169
2.Buddhist	19
3.Hindu	44
4.Jewish	44
5.Muslim	65
6.Sikh	10
7.Other non-christian	13
8.None	1448

Value	S5RELIG_E
.i:Irrelevant answer	8
.m:Missing	333
.p:proxy	418
.r:Refuse	141
.u:Unmar	2742
.v:SP NR	568
1.Christian	4931
2.Buddhist	18
3.Hindu	32
4.Jewish	24
5.Muslim	53
6.Sikh	7
7.Other non-christian	4
8.None	995

How Constructed

RARELIG_E is the respondent's reported religion as surveyed in the Wave 5 self-completion survey of ELSA. Responses to RARELIG_E are coded as follows: 1.Christian, 2.Buddhist, 3.Hindu, 4.Jewish, 5.Muslim, 6.Sikh, 7.Other non-Christian, and 8.None. Special missing (.w) is assigned when the respondent did not complete a Wave 5 interview and, therefore, an indicator of religion cannot be created. A special missing (.i) is assigned if the respondent provides an irrelevant answer. A special missing (.p) is assigned if the respondent is interviewed by proxy and, therefore, not asked to complete the self-completion questionnaire. When respondents don't know, refuse, or are missing for some other reason, RARELIG_E is set to .d, .r and .m, respectively.

S5RELIG_E indicates the current wave's spouse's religion in Wave 5. S5RELIG_E is taken directly from the spouse's RARELIG_E. In addition to the special missing codes used in RARELIG_E, S5RELIG_E includes two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the

current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

The respondent's religion is asked starting in waves 5. However, the wave 6 and 7 variables have not yet been included in the wave specific dataset, and so cannot be created until the dataset is updated.

Differences with the RAND HRS

ELSA provides different categories of religion than the RAND HRS.

ELSA Variables Used

Wave 5 Core:

SCREWH	what is the respondent’s religion?

Section B: Health

Self-Report of Health

Wave	Variable	Label	Type
1	R1SHLT	r1shlt:w1 r self-report of health	Categ
2	R2SHLT	r2shlt:w2 r self-report of health	Categ
4	R4SHLT	r4shlt:w4 r self-report of health	Categ
5	R5SHLT	r5shlt:w5 r self-report of health	Categ
6	R6SHLT	r6shlt:w6 r self-report of health	Categ
7	R7SHLT	r7shlt:w7 r self-report of health	Categ
1	S1SHLT	s1shlt:w1 s self-report of health	Categ
2	S2SHLT	s2shlt:w2 s self-report of health	Categ
4	S4SHLT	s4shlt:w4 s self-report of health	Categ
5	S5SHLT	s5shlt:w5 s self-report of health	Categ
6	S6SHLT	s6shlt:w6 s self-report of health	Categ
7	S7SHLT	s7shlt:w7 s self-report of health	Categ
1	R1SHLTF	r1shltf:w1 r flag position of self-report health	Categ
1	S1SHLTF	s1shltf:w1 s flag position of self-report health	Categ
1	R1SHLTA	r1shlta:w1 r self-report of health, European scale	Categ
3	R3SHLTA	r3shlta:w3 r self-report of health, European scale	Categ
1	S1SHLTA	s1shlta:w1 s self-report of health, European scale	Categ
3	S3SHLTA	s3shlta:w3 s self-report of health, European scale	Categ
1	R1SHLTAF	r1shltaf:w1 r flag position of self-report health, European	Categ
1	S1SHLTAF	s1shltaf:w1 s flag position of self-report health, European	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SHLT	11905	2.78	1.12	1.00	5.00
R2SHLT	9294	2.82	1.12	1.00	5.00
R4SHLT	10594	2.79	1.11	1.00	5.00
R5SHLT	9725	2.80	1.11	1.00	5.00
R6SHLT	9979	2.82	1.12	1.00	5.00
R7SHLT	9066	2.81	1.10	1.00	5.00
S1SHLT	7934	2.72	1.11	1.00	5.00
S2SHLT	6073	2.75	1.11	1.00	5.00
S4SHLT	7062	2.70	1.09	1.00	5.00
S5SHLT	6539	2.70	1.08	1.00	5.00
S6SHLT	6742	2.72	1.10	1.00	5.00
S7SHLT	6073	2.70	1.08	1.00	5.00
R1SHLTF	11924	1.50	0.50	1.00	2.00
S1SHLTF	7948	1.51	0.50	1.00	2.00
R1SHLTA	11908	2.11	0.95	1.00	5.00
R3SHLTA	9534	2.14	0.91	1.00	5.00
S1SHLTA	7938	2.05	0.93	1.00	5.00
S3SHLTA	6226	2.06	0.88	1.00	5.00
R1SHLTAF	11924	1.50	0.50	1.00	2.00

S1SHLTAF	7948	1.49	0.50	1.00	2.00

Categorical Variable Codes

Value	R1SHLT	R2SHLT	R4SHLT	R5SHLT	R6SHLT	R7SHLT
.d:DK	14	5	4	8	4	3
.m:Missing		9				
.p:proxy	175	123	446	537	614	597
.r:Refuse	5	1	6	4	4	
1.Excellent	1576	1179	1353	1180	1212	1076
2.Very good	3467	2598	3091	2902	2892	2640
3.Good	3709	2934	3375	3094	3156	2989
4.Fair	2264	1877	1994	1792	1919	1682
5.Poor	889	706	781	757	800	679

Value	S1SHLT	S2SHLT	S4SHLT	S5SHLT	S6SHLT	S7SHLT
.d:DK	10	4	2	6	3	3
.m:Missing		7				
.p:proxy	122	93	333	418	494	484
.r:Refuse	4	1	5	1	3	
.u:Unmar	3561	2671	2932	2742	2802	2548
.v:SP NR	468	583	716	568	557	558
1.Excellent	1135	838	984	872	914	817
2.Very good	2404	1788	2198	2092	2081	1917
3.Good	2495	1926	2282	2105	2160	1992
4.Fair	1361	1116	1172	1069	1152	981
5.Poor	539	405	426	401	435	366

Value	R1SHLTF
.p:proxy	175
1.beginning of module	5906
2.end of module	6018

Value	S1SHLTF
.p:proxy	122
.u:Unmar	3561
.v:SP NR	468
1.beginning of module	3926
2.end of module	4022

Value	R1SHLTA	R3SHLTA
.d:DK	11	5
.p:proxy	175	232
.r:Refuse	5	
1.Very good	3460	2465
2.Good	4788	4072
3.Fair	2784	2331
4.Bad	651	529
5.Very bad	225	137

Value	S1SHLTA	S3SHLTA
.d:DK	6	2
.p:proxy	122	158
.r:Refuse	4	
.u:Unmar	3561	2708
.v:SP NR	468	677
1.Very good	2447	1739
2.Good	3295	2783
3.Fair	1667	1361
4.Bad	396	275
5.Very bad	133	68

Value	R1SHLTAF
.p:proxy	175
1.beginning of module	6018
2.end of module	5906

Value	S1SHLTAF

.p:proxy	122
.u:Unmar	3561
.v:SP NR	468
1.beginning of module	4022
2.end of module	3926

How Constructed

RwSHLT is the respondent's self-reported general health status using a scale ranging from Excellent to Poor. Codes range from 1 to 5. This scale of self-reported general health status is used in every wave except the 3rd wave of the ELSA. Don't know, refused, or other missing responses to RwSHLT are assigned special missing values .d, .r, .m respectively. RwSHLT is set to special missing .p if the health status question was skipped because the interview was by proxy. RwSHLT is set to plain missing (.) for respondents who did not respond to the current wave.

SwSHLT is the respondent's spouse's self-reported general health status taken directly from spouses' values of RwSHLT. In addition to the special missing codes used in RwSHLT, SwSHLT employs two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

ELSA varied when the respondent was asked RwSHLT inside the health module during Wave 1. R1SHLTF indicates this timing. A code of 1 indicates that the respondent was asked RwSHLT at the beginning of the module. A code of 2 indicates that the respondent was asked RwSHLT at the end of the module. RwSHLTF is set to special missing .p if the health status question was skipped because the interview was by proxy.

SwSHLTF indicates when the respondent's spouse was asked RwSHLT inside the health module and is taken directly from spouse's values of RwSHLTF. In addition to the special missing codes used in RwSHLTF, SwSHLTF employs two additional special missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

ELSA also employs a second scale of self-reported general health status. RwSHLTA is the respondent's self-reported general health status using a scale ranging from Very Good to Very Bad. Codes range from 1 to 5. This scale of self-reported general health status is used in the 1st and 3rd wave of the ELSA. Don't know, refused, or other missing values of RwSHLTA are assigned special missing codes .d, .r, .m, respectively. RwSHLTA is set to special missing .p if the health status question was skipped because the interview was by proxy. RwSHLTA is set to plain missing (.) for respondents who did not respond to the current wave.

SwSHLTA is the respondent's spouse's self-reported general health status taken directly from spouse's responses to RwSHLTA. In addition to the special missing codes used in RwSHLTA, SwSHLTA employs two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Like RwSHLT, the ELSA varied when the respondent was asked RwSHLTA inside the health module during Wave 1. R1SHLTAF indicates this timing. A code of 1 indicates that the respondent was asked RwHSLTA at the beginning of the module. A code of 2 indicates that the respondent was asked RwSHLTA at the end of the module. RwSHLTAF is set to special missing .p if the health status question was skipped because the interview was by proxy.

SwSHLTAF indicates when the respondent's spouse was asked RwSHLTA inside the health module and is taken directly from spouses' values of RwSHLTAF. In addition to the special missing codes used in RwSHLTAF, SwSHLTAF employs two additional special missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

The first scale of self-reported general health status is used in every wave except the 3rd wave of the ELSA. The second (alternative) scale of self-reported general health status is used in the 1st wave and 3rd wave of the ELSA.

Differences with the RAND HRS

Unlike the HRS, the ELSA varied when the respondent was asked RwSHLT inside the health module during Wave 1. R1SHLTF indicates this timing.

Unlike the HRS, ELSA also employs a second scale of self-reported general health status. HwSHLTA is the respondent’s self-reported general health status using a scale ranging from Very Good to Very Bad.

ELSA Variables Used

```
Wave 1 Core:
    HEGENH          how is your health in general? would you say it was …? {
    HEGENHB         would you say your health is ... ? {end of section}
    HEHELF          would you say your health is ... ? {start of section}
    HEHELFB         how is your health in general? would you say it was …? {
Wave 2 Core:
    HEHELF          self-reported general health
Wave 3 Core:
    HEGENH          self-reported general health
Wave 4 Core:
    HEHELF          self-reported general health
Wave 5 Core:
    HEHELF          self-reported general health
Wave 6 Core:
    HEHELF          self-reported general health
Wave 7 Core:
    HEHELF          self-reported general health
```

Whether Health Limits Work

Wave	Variable	Label	Type
2	R2HLTHLM	r2hlthlm:w2 r hlth problems limit work	Categ
3	R3HLTHLM	r3hlthlm:w3 r hlth problems limit work	Categ
4	R4HLTHLM	r4hlthlm:w4 r hlth problems limit work	Categ
5	R5HLTHLM	r5hlthlm:w5 r hlth problems limit work	Categ
6	R6HLTHLM	r6hlthlm:w6 r hlth problems limit work	Categ
7	R7HLTHLM	r7hlthlm:w7 r hlth problems limit work	Categ
2	S2HLTHLM	s2hlthlm:w2 s hlth problems limit work	Categ
3	S3HLTHLM	s3hlthlm:w3 s hlth problems limit work	Categ
4	S4HLTHLM	s4hlthlm:w4 s hlth problems limit work	Categ
5	S5HLTHLM	s5hlthlm:w5 s hlth problems limit work	Categ
6	S6HLTHLM	s6hlthlm:w6 s hlth problems limit work	Categ
7	S7HLTHLM	s7hlthlm:w7 s hlth problems limit work	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R2HLTHLM	9289	0.33	0.47	0.00	1.00
R3HLTHLM	9522	0.31	0.46	0.00	1.00
R4HLTHLM	10588	0.31	0.46	0.00	1.00
R5HLTHLM	9722	0.32	0.47	0.00	1.00
R6HLTHLM	9968	0.30	0.46	0.00	1.00
R7HLTHLM	9057	0.30	0.46	0.00	1.00
S2HLTHLM	6073	0.29	0.46	0.00	1.00
S3HLTHLM	6219	0.26	0.44	0.00	1.00
S4HLTHLM	7059	0.27	0.45	0.00	1.00
S5HLTHLM	6537	0.27	0.44	0.00	1.00
S6HLTHLM	6738	0.26	0.44	0.00	1.00
S7HLTHLM	6070	0.26	0.44	0.00	1.00

Categorical Variable Codes

Value	R2HLTHLM	R3HLTHLM	R4HLTHLM	R5HLTHLM	R6HLTHLM	R7HLTHLM
.d:DK	10	17	9	10	15	11
.m:Missing	9					
.p:proxy	123	232	446	537	614	597
.r:Refuse	1		7	5	4	1
0.no	6255	6603	7332	6640	6954	6354
1.yes	3034	2919	3256	3082	3014	2703

Value	S2HLTHLM	S3HLTHLM	S4HLTHLM	S5HLTHLM	S6HLTHLM	S7HLTHLM
.d:DK	4	9	5	7	7	6
.m:Missing	7					
.p:proxy	93	158	333	418	494	484
.r:Refuse	1		5	2	3	
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	4295	4576	5131	4776	4989	4521
1.yes	1778	1643	1928	1761	1749	1549

How Constructed

RwHLTHLM indicates that an impairment or health problem limits the kind or amount of paid work for the respondent. A code of 0 indicates that the respondent reports their work is not limited by a health problem. A code of 1 indicates that the respondent reports their work is limited by a health problem. Don’t know, refused, or other missing values of RwHLTHLM are assigned special missing codes .d, .r, .m,

respectively. RwHLTHLM is set to special missing .p if the health problems limit work question was skipped because the interview was by proxy. RwHLTHLM is set to plain missing (.) for respondents who did not respond to the current wave.

SwHLTHLM is the respondent's spouse's self-reported general health status taken directly from spouse's responses to RwHLTHLM. In addition to the special missing codes used in RwHLTHLM, SwHLTHLM employs two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

This question is not asked in the 1st wave of ELSA but is asked in every following wave.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

```
Wave 2 Core:
    HELWK          whether has self-reported health problem/disability that
Wave 2 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 3 Core:
    HELWK          whether has self-reported health problem/disability that
Wave 3 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 4 Core:
    HELWK          whether has self-reported health problem/disability that
Wave 4 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 5 Core:
    HELWK          whether has self-reported health problem/disability that
Wave 5 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 6 Core:
    HELWK          whether has self-reported health problem/disability that
Wave 6 Financial:
    COUPID         couple id - splits couples where one member in an instit
Wave 7 Core:
    HELWK          whether has self-reported health problem/disability that
Wave 7 Financial:
    COUPID         couple id - splits couples where one member in an instit
```

Activities of Daily Living (ADLs): Some Difficulty

Wave	Variable	Label	Type
1	R1WALKRA	r1walkra:w1 R Some Diff-Walk across room	Categ
2	R2WALKRA	r2walkra:w2 R Some Diff-Walk across room	Categ
3	R3WALKRA	r3walkra:w3 R Some Diff-Walk across room	Categ
4	R4WALKRA	r4walkra:w4 R Some Diff-Walk across room	Categ
5	R5WALKRA	r5walkra:w5 R Some Diff-Walk across room	Categ
6	R6WALKRA	r6walkra:w6 R Some Diff-Walk across room	Categ
7	R7WALKRA	r7walkra:w7 R Some Diff-Walk across room	Categ
1	S1WALKRA	s1walkra:w1 S Some Diff-Walk across room	Categ
2	S2WALKRA	s2walkra:w2 S Some Diff-Walk across room	Categ
3	S3WALKRA	s3walkra:w3 S Some Diff-Walk across room	Categ
4	S4WALKRA	s4walkra:w4 S Some Diff-Walk across room	Categ
5	S5WALKRA	s5walkra:w5 S Some Diff-Walk across room	Categ
6	S6WALKRA	s6walkra:w6 S Some Diff-Walk across room	Categ
7	S7WALKRA	s7walkra:w7 S Some Diff-Walk across room	Categ
1	R1DRESSA	r1dressa:w1 R Some Diff-Dressing	Categ
2	R2DRESSA	r2dressa:w2 R Some Diff-Dressing	Categ
3	R3DRESSA	r3dressa:w3 R Some Diff-Dressing	Categ
4	R4DRESSA	r4dressa:w4 R Some Diff-Dressing	Categ
5	R5DRESSA	r5dressa:w5 R Some Diff-Dressing	Categ
6	R6DRESSA	r6dressa:w6 R Some Diff-Dressing	Categ
7	R7DRESSA	r7dressa:w7 R Some Diff-Dressing	Categ
1	S1DRESSA	s1dressa:w1 S Some Diff-Dressing	Categ
2	S2DRESSA	s2dressa:w2 S Some Diff-Dressing	Categ
3	S3DRESSA	s3dressa:w3 S Some Diff-Dressing	Categ
4	S4DRESSA	s4dressa:w4 S Some Diff-Dressing	Categ
5	S5DRESSA	s5dressa:w5 S Some Diff-Dressing	Categ
6	S6DRESSA	s6dressa:w6 S Some Diff-Dressing	Categ
7	S7DRESSA	s7dressa:w7 S Some Diff-Dressing	Categ
1	R1BATHA	r1batha:w1 R Some Diff-Bathing, shower	Categ
2	R2BATHA	r2batha:w2 R Some Diff-Bathing, shower	Categ
3	R3BATHA	r3batha:w3 R Some Diff-Bathing, shower	Categ
4	R4BATHA	r4batha:w4 R Some Diff-Bathing, shower	Categ
5	R5BATHA	r5batha:w5 R Some Diff-Bathing, shower	Categ
6	R6BATHA	r6batha:w6 R Some Diff-Bathing, shower	Categ
7	R7BATHA	r7batha:w7 R Some Diff-Bathing, shower	Categ
1	S1BATHA	s1batha:w1 S Some Diff-Bathing, shower	Categ
2	S2BATHA	s2batha:w2 S Some Diff-Bathing, shower	Categ
3	S3BATHA	s3batha:w3 S Some Diff-Bathing, shower	Categ
4	S4BATHA	s4batha:w4 S Some Diff-Bathing, shower	Categ
5	S5BATHA	s5batha:w5 S Some Diff-Bathing, shower	Categ
6	S6BATHA	s6batha:w6 S Some Diff-Bathing, shower	Categ
7	S7BATHA	s7batha:w7 S Some Diff-Bathing, shower	Categ
1	R1EATA	r1eata:w1 R Some Diff-Eating	Categ
2	R2EATA	r2eata:w2 R Some Diff-Eating	Categ
3	R3EATA	r3eata:w3 R Some Diff-Eating	Categ
4	R4EATA	r4eata:w4 R Some Diff-Eating	Categ
5	R5EATA	r5eata:w5 R Some Diff-Eating	Categ
6	R6EATA	r6eata:w6 R Some Diff-Eating	Categ
7	R7EATA	r7eata:w7 R Some Diff-Eating	Categ
1	S1EATA	s1eata:w1 S Some Diff-Eating	Categ

2	S2EATA	s2eata:w2 S Some Diff-Eating	Categ
3	S3EATA	s3eata:w3 S Some Diff-Eating	Categ
4	S4EATA	s4eata:w4 S Some Diff-Eating	Categ
5	S5EATA	s5eata:w5 S Some Diff-Eating	Categ
6	S6EATA	s6eata:w6 S Some Diff-Eating	Categ
7	S7EATA	s7eata:w7 S Some Diff-Eating	Categ
1	R1BEDA	r1beda:w1 R Some Diff-Get in/out bed	Categ
2	R2BEDA	r2beda:w2 R Some Diff-Get in/out bed	Categ
3	R3BEDA	r3beda:w3 R Some Diff-Get in/out bed	Categ
4	R4BEDA	r4beda:w4 R Some Diff-Get in/out bed	Categ
5	R5BEDA	r5beda:w5 R Some Diff-Get in/out bed	Categ
6	R6BEDA	r6beda:w6 R Some Diff-Get in/out bed	Categ
7	R7BEDA	r7beda:w7 R Some Diff-Get in/out bed	Categ
1	S1BEDA	s1beda:w1 S Some Diff-Get in/out bed	Categ
2	S2BEDA	s2beda:w2 S Some Diff-Get in/out bed	Categ
3	S3BEDA	s3beda:w3 S Some Diff-Get in/out bed	Categ
4	S4BEDA	s4beda:w4 S Some Diff-Get in/out bed	Categ
5	S5BEDA	s5beda:w5 S Some Diff-Get in/out bed	Categ
6	S6BEDA	s6beda:w6 S Some Diff-Get in/out bed	Categ
7	S7BEDA	s7beda:w7 S Some Diff-Get in/out bed	Categ
1	R1TOILTA	r1toilta:w1 R Some Diff-Using the toilet	Categ
2	R2TOILTA	r2toilta:w2 R Some Diff-Using the toilet	Categ
3	R3TOILTA	r3toilta:w3 R Some Diff-Using the toilet	Categ
4	R4TOILTA	r4toilta:w4 R Some Diff-Using the toilet	Categ
5	R5TOILTA	r5toilta:w5 R Some Diff-Using the toilet	Categ
6	R6TOILTA	r6toilta:w6 R Some Diff-Using the toilet	Categ
7	R7TOILTA	r7toilta:w7 R Some Diff-Using the toilet	Categ
1	S1TOILTA	s1toilta:w1 S Some Diff-Using the toilet	Categ
2	S2TOILTA	s2toilta:w2 S Some Diff-Using the toilet	Categ
3	S3TOILTA	s3toilta:w3 S Some Diff-Using the toilet	Categ
4	S4TOILTA	s4toilta:w4 S Some Diff-Using the toilet	Categ
5	S5TOILTA	s5toilta:w5 S Some Diff-Using the toilet	Categ
6	S6TOILTA	s6toilta:w6 S Some Diff-Using the toilet	Categ
7	S7TOILTA	s7toilta:w7 S Some Diff-Using the toilet	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WALKRA	11908	0.03	0.18	0.00	1.00
R2WALKRA	9429	0.04	0.18	0.00	1.00
R3WALKRA	9767	0.03	0.18	0.00	1.00
R4WALKRA	11041	0.03	0.18	0.00	1.00
R5WALKRA	10266	0.03	0.18	0.00	1.00
R6WALKRA	10596	0.04	0.19	0.00	1.00
R7WALKRA	9664	0.04	0.20	0.00	1.00
S1WALKRA	7936	0.03	0.16	0.00	1.00
S2WALKRA	6175	0.03	0.17	0.00	1.00
S3WALKRA	6384	0.02	0.15	0.00	1.00
S4WALKRA	7394	0.02	0.15	0.00	1.00
S5WALKRA	6957	0.02	0.15	0.00	1.00
S6WALKRA	7239	0.02	0.15	0.00	1.00
S7WALKRA	6558	0.03	0.17	0.00	1.00
R1DRESSA	11908	0.13	0.34	0.00	1.00
R2DRESSA	9429	0.14	0.34	0.00	1.00
R3DRESSA	9767	0.13	0.33	0.00	1.00
R4DRESSA	11041	0.13	0.34	0.00	1.00

R5DRESSA	10266	0.13	0.34	0.00	1.00
R6DRESSA	10596	0.13	0.33	0.00	1.00
R7DRESSA	9664	0.12	0.33	0.00	1.00
S1DRESSA	7936	0.12	0.32	0.00	1.00
S2DRESSA	6175	0.12	0.32	0.00	1.00
S3DRESSA	6384	0.10	0.31	0.00	1.00
S4DRESSA	7394	0.11	0.31	0.00	1.00
S5DRESSA	6957	0.11	0.31	0.00	1.00
S6DRESSA	7239	0.10	0.31	0.00	1.00
S7DRESSA	6558	0.10	0.30	0.00	1.00
R1BATHA	11908	0.12	0.32	0.00	1.00
R2BATHA	9429	0.12	0.32	0.00	1.00
R3BATHA	9767	0.11	0.31	0.00	1.00
R4BATHA	11041	0.10	0.30	0.00	1.00
R5BATHA	10266	0.10	0.30	0.00	1.00
R6BATHA	10596	0.10	0.29	0.00	1.00
R7BATHA	9664	0.09	0.29	0.00	1.00
S1BATHA	7936	0.09	0.29	0.00	1.00
S2BATHA	6175	0.09	0.29	0.00	1.00
S3BATHA	6384	0.08	0.27	0.00	1.00
S4BATHA	7394	0.07	0.26	0.00	1.00
S5BATHA	6957	0.07	0.25	0.00	1.00
S6BATHA	7239	0.07	0.25	0.00	1.00
S7BATHA	6558	0.07	0.25	0.00	1.00
R1EATA	11908	0.02	0.13	0.00	1.00
R2EATA	9429	0.02	0.15	0.00	1.00
R3EATA	9767	0.02	0.15	0.00	1.00
R4EATA	11041	0.02	0.15	0.00	1.00
R5EATA	10266	0.02	0.15	0.00	1.00
R6EATA	10596	0.03	0.16	0.00	1.00
R7EATA	9664	0.02	0.15	0.00	1.00
S1EATA	7936	0.02	0.12	0.00	1.00
S2EATA	6175	0.02	0.14	0.00	1.00
S3EATA	6384	0.02	0.14	0.00	1.00
S4EATA	7394	0.02	0.13	0.00	1.00
S5EATA	6957	0.02	0.13	0.00	1.00
S6EATA	7239	0.02	0.13	0.00	1.00
S7EATA	6558	0.02	0.12	0.00	1.00
R1BEDA	11908	0.07	0.25	0.00	1.00
R2BEDA	9429	0.06	0.24	0.00	1.00
R3BEDA	9767	0.06	0.24	0.00	1.00
R4BEDA	11041	0.06	0.23	0.00	1.00
R5BEDA	10266	0.06	0.24	0.00	1.00
R6BEDA	10596	0.06	0.24	0.00	1.00
R7BEDA	9664	0.06	0.24	0.00	1.00
S1BEDA	7936	0.06	0.24	0.00	1.00
S2BEDA	6175	0.06	0.23	0.00	1.00
S3BEDA	6384	0.05	0.22	0.00	1.00
S4BEDA	7394	0.05	0.21	0.00	1.00
S5BEDA	6957	0.05	0.21	0.00	1.00
S6BEDA	7239	0.05	0.22	0.00	1.00
S7BEDA	6558	0.05	0.22	0.00	1.00
R1TOILTA	11908	0.04	0.18	0.00	1.00
R2TOILTA	9429	0.03	0.18	0.00	1.00
R3TOILTA	9767	0.04	0.19	0.00	1.00

R4TOILTA	11041	0.03	0.18	0.00	1.00
R5TOILTA	10266	0.04	0.19	0.00	1.00
R6TOILTA	10596	0.04	0.19	0.00	1.00
R7TOILTA	9664	0.04	0.20	0.00	1.00
S1TOILTA	7936	0.03	0.17	0.00	1.00
S2TOILTA	6175	0.03	0.17	0.00	1.00
S3TOILTA	6384	0.03	0.16	0.00	1.00
S4TOILTA	7394	0.03	0.16	0.00	1.00
S5TOILTA	6957	0.02	0.15	0.00	1.00
S6TOILTA	7239	0.03	0.16	0.00	1.00
S7TOILTA	6558	0.03	0.17	0.00	1.00

Categorical Variable Codes

Value	R1WALKRA	R2WALKRA	R3WALKRA	R4WALKRA	R5WALKRA	R6WALKRA	R7WALKRA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	11519	9097	9426	10682	9913	10193	9272
1.Yes	389	332	341	359	353	403	392

Value	S1WALKRA	S2WALKRA	S3WALKRA	S4WALKRA	S5WALKRA	S6WALKRA	S7WALKRA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7734	5991	6232	7235	6802	7062	6372
1.Yes	202	184	152	159	155	177	186

Value	R1DRESSA	R2DRESSA	R3DRESSA	R4DRESSA	R5DRESSA	R6DRESSA	R7DRESSA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	10359	8144	8535	9594	8918	9266	8501
1.Yes	1549	1285	1232	1447	1348	1330	1163

Value	S1DRESSA	S2DRESSA	S3DRESSA	S4DRESSA	S5DRESSA	S6DRESSA	S7DRESSA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7002	5437	5714	6598	6218	6479	5905
1.Yes	934	738	670	796	739	760	653

Value	R1BATHA	R2BATHA	R3BATHA	R4BATHA	R5BATHA	R6BATHA	R7BATHA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	10485	8298	8691	9941	9249	9586	8778
1.Yes	1423	1131	1076	1100	1017	1010	886

Value	S1BATHA	S2BATHA	S3BATHA	S4BATHA	S5BATHA	S6BATHA	S7BATHA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7220	5598	5887	6859	6485	6763	6119
1.Yes	716	577	497	535	472	476	439

Value	R1EATA	R2EATA	R3EATA	R4EATA	R5EATA	R6EATA	R7EATA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	11690	9207	9530	10771	10026	10313	9428
1.Yes	218	222	237	270	240	283	236

Value	S1EATA	S2EATA	S3EATA	S4EATA	S5EATA	S6EATA	S7EATA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7812	6048	6263	7257	6846	7113	6454
1.Yes	124	127	121	137	111	126	104

Value	R1BEDA	R2BEDA	R3BEDA	R4BEDA	R5BEDA	R6BEDA	R7BEDA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	11115	8827	9153	10425	9615	9936	9067
1.Yes	793	602	614	616	651	660	597

Value	S1BEDA	S2BEDA	S3BEDA	S4BEDA	S5BEDA	S6BEDA	S7BEDA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7464	5816	6062	7053	6623	6879	6232
1.Yes	472	359	322	341	334	360	326

Value	R1TOILTA	R2TOILTA	R3TOILTA	R4TOILTA	R5TOILTA	R6TOILTA	R7TOILTA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	11489	9118	9402	10663	9896	10211	9281
1.Yes	419	311	365	378	370	385	383

Value	S1TOILTA	S2TOILTA	S3TOILTA	S4TOILTA	S5TOILTA	S6TOILTA	S7TOILTA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7700	5998	6212	7203	6790	7051	6370
1.Yes	236	177	172	191	167	188	188

How Constructed

These variables indicate difficulty with activities of daily living (ADLs). The ADLs include walking across a room (RwWALKRA), dressing (RwDRESSA), bathing and showering (RwBATHA), eating (RwEATA), getting in and out of bed (RwBEDA), and using the toilet (RwTOILTA). A code of 0 indicates that the respondent did not report any problems with the activity. A code of 1 indicates that the respondent reported some difficulty with the activity. Don’t know, refused, or other missing responses to RwWALKRA, RwDRESSA, RwBATHA, RwEATA, RwBEDA, and RwTOILTA are assigned special missing values .d, .r, .m respectively. RwWALKRA, RwDRESSA, RwBATHA, RwEATA, RwBEDA, and RwTOILTA are set to special missing .p if the activities of daily living questions were skipped because the interview was by proxy in wave 1. RwWALKRA, RwDRESSA, RwBATHA, RwEATA, RwBEDA, and RwTOILTA are set to plain missing (.) for respondents who did not respond to the current wave.

SwWALKRA, SwDRESSA, SwBATHA, SwEATA, SwBEDA, and SwTOILTA indicate whether the respondent's spouse reported any difficulty and are taken directly from spouse's responses to RwWALKRA, RwDRESSA, RwBATHA, RwEATA, RwBEDA, and RwTOILTA, respectively. In addition to the special missing codes used in RwWALKRA, RwDRESSA, RwBATHA, RwEATA, RwBEDA, and RwTOILTA, SwWALKRA, SwDRESSA, SwBATHA, SwEATA, SwBEDA, and SwTOILTA employ two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

In the ELSA, respondents identify ADLs by selecting activities they have difficulty with from a card containing a list of activities. Respondents are asked to exclude any difficulties they expect to last less than three months.

Cross Wave Differences in ELSA

Activities of daily living questions were not asked to proxy respondents in Wave 1. Proxy respondents were asked about difficulty with activities of daily living from Wave 2 forward.

Differences with the RAND HRS

In the RAND HRS, these binary indicators of some difficulty with ADLs are recoded from a set of raw variables for Wave 2 of the HRS. In Wave 2 of the HRS, respondents were given several options to report level of difficulty with activities of daily living. These levels included not difficult, occasionally difficult, difficult some of the time, and difficult most of the time for some questions and not difficult, a little difficult, difficult, and a lot difficult for other questions. The RAND HRS recodes these levels to either No (not difficult) or Yes (difficult) for the second wave.

Unlike the HRS, ELSA has respondents identify difficulty with ADLs by selecting activities they have difficulty with from a card containing a list of activities. ELSA respondents do not have the option of identifying activities which they do not do.

Unlike the ELSA, the HRS does not ask respondents to exclude any difficulties he/she expects to last less than three months.

ELSA Variables Used

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Wave 1 Core:
    HEADB01        because of a health or memory  problem, do you have any
    HEADB02        because of a health or memory  problem, do you have any
    HEADB03        because of a health or memory  problem, do you have any
    HEADB04        because of a health or memory  problem, do you have any
    HEADB05        because of a health or memory  problem, do you have any
    HEADB06        because of a health or memory  problem, do you have any
    HEADB10        because of a health or memory  problem, do you have any
    HEADB11        because of a health or memory  problem, do you have any
    HEADB12        because of a health or memory  problem, do you have any
    HEADB13        because of a health or memory  problem, do you have any
    HEADB14        because of a health or memory  problem, do you have any
Wave 2 Core:
    HEADB01        iadl: activity has problem with due to health/physical p
    HEADB02        iadl: activity has problem with due to health/physical p
    HEADB03        iadl: activity has problem with due to health/physical p
    HEADB04        iadl: activity has problem with due to health/physical p
    HEADB05        iadl: activity has problem with due to health/physical p
    HEADB06        iadl: activity has problem with due to health/physical p
    HEADB07        iadl: activity has problem with due to health/physical p
    HEADB08        iadl: activity has problem with due to health/physical p
    HEADB09        iadl: activity has problem with due to health/physical p
    HEADB10        iadl: activity has problem with due to health/physical p
    HEADB11        iadl: activity has problem with due to health/physical p
    HEADB12        iadl: activity has problem with due to health/physical p
    HEADB13        iadl: activity has problem with due to health/physical p
Wave 3 Core:
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    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
Wave 4 Core:
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
Wave 5 Core:
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
Wave 6 Core:
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
Wave 7 Core:
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
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Instrumental Activities of Daily Living (IADLs): Some Difficulty

Wave	Variable	Label	Type
1	R1MAPA	r1mapa:w1 R Some Diff-Use a map	Categ
2	R2MAPA	r2mapa:w2 R Some Diff-Use a map	Categ
3	R3MAPA	r3mapa:w3 R Some Diff-Use a map	Categ
4	R4MAPA	r4mapa:w4 R Some Diff-Use a map	Categ
5	R5MAPA	r5mapa:w5 R Some Diff-Use a map	Categ
6	R6MAPA	r6mapa:w6 R Some Diff-Use a map	Categ
7	R7MAPA	r7mapa:w7 R Some Diff-Use a map	Categ
1	S1MAPA	s1mapa:w1 S Some Diff-Use a map	Categ
2	S2MAPA	s2mapa:w2 S Some Diff-Use a map	Categ
3	S3MAPA	s3mapa:w3 S Some Diff-Use a map	Categ
4	S4MAPA	s4mapa:w4 S Some Diff-Use a map	Categ
5	S5MAPA	s5mapa:w5 S Some Diff-Use a map	Categ
6	S6MAPA	s6mapa:w6 S Some Diff-Use a map	Categ
7	S7MAPA	s7mapa:w7 S Some Diff-Use a map	Categ
1	R1PHONEA	r1phonea:w1 R Some Diff-Use telephone	Categ
2	R2PHONEA	r2phonea:w2 R Some Diff-Use telephone	Categ
3	R3PHONEA	r3phonea:w3 R Some Diff-Use telephone	Categ
4	R4PHONEA	r4phonea:w4 R Some Diff-Use telephone	Categ
5	R5PHONEA	r5phonea:w5 R Some Diff-Use telephone	Categ
6	R6PHONEA	r6phonea:w6 R Some Diff-Use telephone	Categ
7	R7PHONEA	r7phonea:w7 R Some Diff-Use telephone	Categ
1	S1PHONEA	s1phonea:w1 S Some Diff-Use a telephone	Categ
2	S2PHONEA	s2phonea:w2 S Some Diff-Use a telephone	Categ
3	S3PHONEA	s3phonea:w3 S Some Diff-Use a telephone	Categ
4	S4PHONEA	s4phonea:w4 S Some Diff-Use a telephone	Categ
5	S5PHONEA	s5phonea:w5 S Some Diff-Use a telephone	Categ
6	S6PHONEA	s6phonea:w6 S Some Diff-Use a telephone	Categ
7	S7PHONEA	s7phonea:w7 S Some Diff-Use a telephone	Categ
1	R1MONEYA	r1moneya:w1 R Some Diff-Managing money	Categ
2	R2MONEYA	r2moneya:w2 R Some Diff-Managing money	Categ
3	R3MONEYA	r3moneya:w3 R Some Diff-Managing money	Categ
4	R4MONEYA	r4moneya:w4 R Some Diff-Managing money	Categ
5	R5MONEYA	r5moneya:w5 R Some Diff-Managing money	Categ
6	R6MONEYA	r6moneya:w6 R Some Diff-Managing money	Categ
7	R7MONEYA	r7moneya:w7 R Some Diff-Managing money	Categ
1	S1MONEYA	s1moneya:w1 S Some Diff-Managing money	Categ
2	S2MONEYA	s2moneya:w2 S Some Diff-Managing money	Categ
3	S3MONEYA	s3moneya:w3 S Some Diff-Managing money	Categ
4	S4MONEYA	s4moneya:w4 S Some Diff-Managing money	Categ
5	S5MONEYA	s5moneya:w5 S Some Diff-Managing money	Categ
6	S6MONEYA	s6moneya:w6 S Some Diff-Managing money	Categ
7	S7MONEYA	s7moneya:w7 S Some Diff-Managing money	Categ
1	R1MEDSA	r1medsa:w1 R Some Diff-Take medications	Categ
2	R2MEDSA	r2medsa:w2 R Some Diff-Take medications	Categ
3	R3MEDSA	r3medsa:w3 R Some Diff-Take medications	Categ
4	R4MEDSA	r4medsa:w4 R Some Diff-Take medications	Categ
5	R5MEDSA	r5medsa:w5 R Some Diff-Take medications	Categ
6	R6MEDSA	r6medsa:w6 R Some Diff-Take medications	Categ
7	R7MEDSA	r7medsa:w7 R Some Diff-Take medications	Categ
1	S1MEDSA	s1medsa:w1 S Some Diff-Take medications	Categ

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 2  S2MEDSA       s2medsa:w2 S Some Diff-Take medications                      Categ
 3  S3MEDSA       s3medsa:w3 S Some Diff-Take medications                      Categ
 4  S4MEDSA       s4medsa:w4 S Some Diff-Take medications                      Categ
 5  S5MEDSA       s5medsa:w5 S Some Diff-Take medications                      Categ
 6  S6MEDSA       s6medsa:w6 S Some Diff-Take medications                      Categ
 7  S7MEDSA       s7medsa:w7 S Some Diff-Take medications                      Categ

 1  R1SHOPA       r1shopa:w1 R Some Diff-Shop for grocery                      Categ
 2  R2SHOPA       r2shopa:w2 R Some Diff-Shop for grocery                      Categ
 3  R3SHOPA       r3shopa:w3 R Some Diff-Shop for grocery                      Categ
 4  R4SHOPA       r4shopa:w4 R Some Diff-Shop for grocery                      Categ
 5  R5SHOPA       r5shopa:w5 R Some Diff-Shop for grocery                      Categ
 6  R6SHOPA       r6shopa:w6 R Some Diff-Shop for grocery                      Categ
 7  R7SHOPA       r7shopa:w7 R Some Diff-Shop for grocery                      Categ

 1  S1SHOPA       s1shopa:w1 S Some Diff-Shop for grocery                      Categ
 2  S2SHOPA       s2shopa:w2 S Some Diff-Shop for grocery                      Categ
 3  S3SHOPA       s3shopa:w3 S Some Diff-Shop for grocery                      Categ
 4  S4SHOPA       s4shopa:w4 S Some Diff-Shop for grocery                      Categ
 5  S5SHOPA       s5shopa:w5 S Some Diff-Shop for grocery                      Categ
 6  S6SHOPA       s6shopa:w6 S Some Diff-Shop for grocery                      Categ
 7  S7SHOPA       s7shopa:w7 S Some Diff-Shop for grocery                      Categ

 1  R1MEALSA      r1mealsa:w1 R Some Diff-Prepare hot meal                     Categ
 2  R2MEALSA      r2mealsa:w2 R Some Diff-Prepare hot meal                     Categ
 3  R3MEALSA      r3mealsa:w3 R Some Diff-Prepare hot meal                     Categ
 4  R4MEALSA      r4mealsa:w4 R Some Diff-Prepare hot meal                     Categ
 5  R5MEALSA      r5mealsa:w5 R Some Diff-Prepare hot meal                     Categ
 6  R6MEALSA      r6mealsa:w6 R Some Diff-Prepare hot meal                     Categ
 7  R7MEALSA      r7mealsa:w7 R Some Diff-Prepare hot meal                     Categ

 1  S1MEALSA      s1mealsa:w1 S Some Diff-Prepare hot meal                     Categ
 2  S2MEALSA      s2mealsa:w2 S Some Diff-Prepare hot meal                     Categ
 3  S3MEALSA      s3mealsa:w3 S Some Diff-Prepare hot meal                     Categ
 4  S4MEALSA      s4mealsa:w4 S Some Diff-Prepare hot meal                     Categ
 5  S5MEALSA      s5mealsa:w5 S Some Diff-Prepare hot meal                     Categ
 6  S6MEALSA      s6mealsa:w6 S Some Diff-Prepare hot meal                     Categ
 7  S7MEALSA      s7mealsa:w7 S Some Diff-Prepare hot meal                     Categ

 1  R1HOUSEWKA    r1housewka:w1 R Some Diff-Doing work around the house or gar  Categ
 2  R2HOUSEWKA    r2housewka:w2 R Some Diff-Doing work around the house or gar  Categ
 3  R3HOUSEWKA    r3housewka:w3 R Some Diff-Doing work around the house or gar  Categ
 4  R4HOUSEWKA    r4housewka:w4 R Some Diff-Doing work around the house or gar  Categ
 5  R5HOUSEWKA    r5housewka:w5 R Some Diff-Doing work around the house or gar  Categ
 6  R6HOUSEWKA    r6housewka:w6 R Some Diff-Doing work around the house or gar  Categ
 7  R7HOUSEWKA    r7housewka:w7 R Some Diff-Doing work around the house or gar  Categ

 1  S1HOUSEWKA    s1housewka:w1 S Some Diff-Doing work around the house or gar  Categ
 2  S2HOUSEWKA    s2housewka:w2 S Some Diff-Doing work around the house or gar  Categ
 3  S3HOUSEWKA    s3housewka:w3 S Some Diff-Doing work around the house or gar  Categ
 4  S4HOUSEWKA    s4housewka:w4 S Some Diff-Doing work around the house or gar  Categ
 5  S5HOUSEWKA    s5housewka:w5 S Some Diff-Doing work around the house or gar  Categ
 6  S6HOUSEWKA    s6housewka:w6 S Some Diff-Doing work around the house or gar  Categ
 7  S7HOUSEWKA    s7housewka:w7 S Some Diff-Doing work around the house or gar  Categ
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Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MAPA	11908	0.05	0.22	0.00	1.00
R2MAPA	9429	0.06	0.24	0.00	1.00
R3MAPA	9767	0.05	0.22	0.00	1.00
R4MAPA	11041	0.05	0.22	0.00	1.00

R5MAPA	10266	0.05	0.23	0.00	1.00
R6MAPA	10596	0.05	0.22	0.00	1.00
R7MAPA	9664	0.05	0.21	0.00	1.00
S1MAPA	7936	0.04	0.20	0.00	1.00
S2MAPA	6175	0.05	0.21	0.00	1.00
S3MAPA	6384	0.04	0.19	0.00	1.00
S4MAPA	7394	0.04	0.19	0.00	1.00
S5MAPA	6957	0.04	0.19	0.00	1.00
S6MAPA	7239	0.04	0.19	0.00	1.00
S7MAPA	6558	0.04	0.19	0.00	1.00
R1PHONEA	11908	0.02	0.13	0.00	1.00
R2PHONEA	9429	0.02	0.15	0.00	1.00
R3PHONEA	9767	0.03	0.16	0.00	1.00
R4PHONEA	11041	0.03	0.16	0.00	1.00
R5PHONEA	10266	0.03	0.17	0.00	1.00
R6PHONEA	10596	0.03	0.17	0.00	1.00
R7PHONEA	9664	0.03	0.17	0.00	1.00
S1PHONEA	7936	0.02	0.13	0.00	1.00
S2PHONEA	6175	0.02	0.15	0.00	1.00
S3PHONEA	6384	0.02	0.14	0.00	1.00
S4PHONEA	7394	0.02	0.15	0.00	1.00
S5PHONEA	6957	0.02	0.15	0.00	1.00
S6PHONEA	7239	0.02	0.15	0.00	1.00
S7PHONEA	6558	0.02	0.15	0.00	1.00
R1MONEYA	11908	0.02	0.15	0.00	1.00
R2MONEYA	9429	0.03	0.18	0.00	1.00
R3MONEYA	9767	0.04	0.19	0.00	1.00
R4MONEYA	11041	0.03	0.18	0.00	1.00
R5MONEYA	10266	0.04	0.19	0.00	1.00
R6MONEYA	10596	0.04	0.19	0.00	1.00
R7MONEYA	9664	0.04	0.19	0.00	1.00
S1MONEYA	7936	0.02	0.13	0.00	1.00
S2MONEYA	6175	0.03	0.16	0.00	1.00
S3MONEYA	6384	0.02	0.14	0.00	1.00
S4MONEYA	7394	0.02	0.15	0.00	1.00
S5MONEYA	6957	0.02	0.15	0.00	1.00
S6MONEYA	7239	0.02	0.15	0.00	1.00
S7MONEYA	6558	0.02	0.15	0.00	1.00
R1MEDSA	11908	0.01	0.12	0.00	1.00
R2MEDSA	9429	0.02	0.15	0.00	1.00
R3MEDSA	9767	0.02	0.15	0.00	1.00
R4MEDSA	11041	0.02	0.16	0.00	1.00
R5MEDSA	10266	0.03	0.16	0.00	1.00
R6MEDSA	10596	0.03	0.16	0.00	1.00
R7MEDSA	9664	0.03	0.16	0.00	1.00
S1MEDSA	7936	0.01	0.12	0.00	1.00
S2MEDSA	6175	0.02	0.14	0.00	1.00
S3MEDSA	6384	0.02	0.13	0.00	1.00
S4MEDSA	7394	0.02	0.13	0.00	1.00
S5MEDSA	6957	0.02	0.14	0.00	1.00
S6MEDSA	7239	0.02	0.14	0.00	1.00
S7MEDSA	6558	0.02	0.13	0.00	1.00
R1SHOPA	11908	0.09	0.29	0.00	1.00
R2SHOPA	9429	0.10	0.30	0.00	1.00
R3SHOPA	9767	0.10	0.30	0.00	1.00

R4SHOPA	11041	0.09	0.29	0.00	1.00
R5SHOPA	10266	0.10	0.30	0.00	1.00
R6SHOPA	10596	0.09	0.29	0.00	1.00
R7SHOPA	9664	0.09	0.29	0.00	1.00
S1SHOPA	7936	0.07	0.25	0.00	1.00
S2SHOPA	6175	0.07	0.26	0.00	1.00
S3SHOPA	6384	0.07	0.25	0.00	1.00
S4SHOPA	7394	0.06	0.24	0.00	1.00
S5SHOPA	6957	0.06	0.24	0.00	1.00
S6SHOPA	7239	0.06	0.23	0.00	1.00
S7SHOPA	6558	0.06	0.24	0.00	1.00
R1MEALSA	11908	0.04	0.20	0.00	1.00
R2MEALSA	9429	0.05	0.22	0.00	1.00
R3MEALSA	9767	0.05	0.22	0.00	1.00
R4MEALSA	11041	0.05	0.21	0.00	1.00
R5MEALSA	10266	0.05	0.22	0.00	1.00
R6MEALSA	10596	0.05	0.23	0.00	1.00
R7MEALSA	9664	0.05	0.22	0.00	1.00
S1MEALSA	7936	0.04	0.19	0.00	1.00
S2MEALSA	6175	0.04	0.20	0.00	1.00
S3MEALSA	6384	0.04	0.19	0.00	1.00
S4MEALSA	7394	0.03	0.18	0.00	1.00
S5MEALSA	6957	0.03	0.18	0.00	1.00
S6MEALSA	7239	0.04	0.19	0.00	1.00
S7MEALSA	6558	0.03	0.18	0.00	1.00
R1HOUSEWKA	11908	0.16	0.36	0.00	1.00
R2HOUSEWKA	9429	0.17	0.37	0.00	1.00
R3HOUSEWKA	9767	0.15	0.36	0.00	1.00
R4HOUSEWKA	11041	0.15	0.35	0.00	1.00
R5HOUSEWKA	10266	0.16	0.36	0.00	1.00
R6HOUSEWKA	10596	0.15	0.36	0.00	1.00
R7HOUSEWKA	9664	0.15	0.36	0.00	1.00
S1HOUSEWKA	7936	0.13	0.33	0.00	1.00
S2HOUSEWKA	6175	0.13	0.34	0.00	1.00
S3HOUSEWKA	6384	0.11	0.31	0.00	1.00
S4HOUSEWKA	7394	0.11	0.31	0.00	1.00
S5HOUSEWKA	6957	0.11	0.32	0.00	1.00
S6HOUSEWKA	7239	0.11	0.31	0.00	1.00
S7HOUSEWKA	6558	0.11	0.31	0.00	1.00

Categorical Variable Codes

Value	R1MAPA	R2MAPA	R3MAPA	R4MAPA	R5MAPA	R6MAPA	R7MAPA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	11279	8862	9252	10452	9713	10068	9196
1.Yes	629	567	515	589	553	528	468

Value	S1MAPA	S2MAPA	S3MAPA	S4MAPA	S5MAPA	S6MAPA	S7MAPA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7614	5890	6143	7108	6699	6971	6325
1.Yes	322	285	241	286	258	268	233

Value	R1PHONEA	R2PHONEA	R3PHONEA	R4PHONEA	R5PHONEA	R6PHONEA	R7PHONEA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	11695	9211	9512	10744	9953	10291	9364
1.Yes	213	218	255	297	313	305	300

Value	S1PHONEA	S2PHONEA	S3PHONEA	S4PHONEA	S5PHONEA	S6PHONEA	S7PHONEA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7797	6030	6265	7233	6794	7070	6402
1.Yes	139	145	119	161	163	169	156

Value	R1MONEYA	R2MONEYA	R3MONEYA	R4MONEYA	R5MONEYA	R6MONEYA	R7MONEYA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	11620	9117	9409	10673	9885	10183	9316
1.Yes	288	312	358	368	381	413	348

Value	S1MONEYA	S2MONEYA	S3MONEYA	S4MONEYA	S5MONEYA	S6MONEYA	S7MONEYA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7806	6018	6247	7234	6797	7061	6417
1.Yes	130	157	137	160	160	178	141

Value	R1MEDSA	R2MEDSA	R3MEDSA	R4MEDSA	R5MEDSA	R6MEDSA	R7MEDSA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	11731	9224	9545	10768	9982	10314	9401
1.Yes	177	205	222	273	284	282	263

Value	S1MEDSA	S2MEDSA	S3MEDSA	S4MEDSA	S5MEDSA	S6MEDSA	S7MEDSA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7821	6055	6271	7258	6825	7101	6438
1.Yes	115	120	113	136	132	138	120

Value	R1SHOPA	R2SHOPA	R3SHOPA	R4SHOPA	R5SHOPA	R6SHOPA	R7SHOPA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	10801	8496	8808	10039	9259	9598	8786
1.Yes	1107	933	959	1002	1007	998	878

Value	S1SHOPA	S2SHOPA	S3SHOPA	S4SHOPA	S5SHOPA	S6SHOPA	S7SHOPA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7402	5736	5957	6943	6543	6827	6169

1.Yes	534	439	427	451	414	412	389
Value	R1MEALSA	R2MEALSA	R3MEALSA	R4MEALSA	R5MEALSA	R6MEALSA	R7MEALSA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	11387	8949	9279	10528	9748	10029	9165
1.Yes	521	480	488	513	518	567	499
Value	S1MEALSA	S2MEALSA	S3MEALSA	S4MEALSA	S5MEALSA	S6MEALSA	S7MEALSA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7641	5912	6147	7153	6716	6976	6330
1.Yes	295	263	237	241	241	263	228
Value	R1HOUSEWKA	R2HOUSEWKA	R3HOUSEWKA	R4HOUSEWKA	R5HOUSEWKA	R6HOUSEWKA	R7HOUSEWKA
.d:DK	12	1		2	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	2		7	5	3	
0.No	10029	7834	8292	9431	8659	8991	8229
1.Yes	1879	1595	1475	1610	1607	1605	1435
Value	S1HOUSEWKA	S2HOUSEWKA	S3HOUSEWKA	S4HOUSEWKA	S5HOUSEWKA	S6HOUSEWKA	S7HOUSEWKA
.d:DK	9	1		2	3	1	2
.m:Missing			2				
.p:proxy	122						
.r:Refuse	3	2		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	6938	5353	5685	6606	6168	6437	5848
1.Yes	998	822	699	788	789	802	710

How Constructed

These variables indicate difficulty with instrumental activities of daily living (IADLs). The IADLs include using the phone (RwPHONEA), taking medications (RwMEDSA), managing money (RwMONEYA), shopping for groceries (RwSHOPA), preparing meals (RwMEALSA), using a map (RwMAPA) and doing work around the house or garden (RwHOUSEWKA). A code of 0 indicates that the respondent did not report any problems with the instrumental activity. A code of 1 indicates that the respondent reported some difficulty with the instrumental activity. Don't know, refused, or other missing responses to RwPHONEA, RwMEDSA, RwMONEYA, RwSHOPA, RwMEALSA, RwMAPA and RwHOUSEWKA are assigned special missing values .d, .r, .m respectively. RwPHONEA, RwMEDSA, RwMONEYA, RwSHOPA, RwMEALSA, RwMAPA and RwHOUSEWKA are set to special missing .p if the instrumental activities questions were skipped because the interview was by proxy in wave 1. RwPHONEA, RwMEDSA, RwMONEYA, RwSHOPA, RwMEALSA, RwMAPA and RwHOUSEWKA are set to plain missing (.) for respondents who did not respond to the current wave.

SwPHONEA, SwMEDSA, SwMONEYA, SwSHOPA, SwMEALSA, SwMAPA and SwHOUSEWKA indicate whether the respondent's spouse reported any difficulty and are taken directly from spouse's responses to RwPHONEA, RwMEDSA, RwMONEYA, RwSHOPA, RwMEALSA, RwMAPA and RwHOUSEWKA, respectively. In addition to the special missing codes used in RwPHONEA, RwMEDSA, RwMONEYA, RwSHOPA, RwMEALSA, RwMAPA and RwHOUSEWKA, SwPHONEA, SwMEDSA, SwMONEYA, SwSHOPA, SwMEALSA, SwMAPA and SwHOUSEWKA employ two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

In the ELSA, respondents identify IADLs by selecting instrumental activities they have difficulty with from a card containing a list of activities. Respondents are asked to exclude any difficulties they expect to last less than three months.

Cross Wave Differences in ELSA

Instrumental activities of daily living questions were not asked to proxy respondents in Wave 1. Proxy respondents were asked about difficulty with instrumental activities of daily living from Wave 2 forward.

Differences with the RAND HRS

In the RAND HRS, these binary indicators of some difficulty with IADLs are recoded from a set of raw variables for Wave 2 of the HRS. In Wave 2 of the HRS, respondents were given several options to report level of difficulty with activities of instrumental daily living for second wave. These levels included not difficult, occasionally difficult, difficult some of the time, and difficult most of the time. The RAND HRS recodes these levels to either No (not difficult) or Yes (difficult).

Unlike the HRS, ELSA has respondents identify difficulty with IADLs by selecting activities they have difficulty with from a card containing a list of activities. ELSA respondents do not have the option of identifying activities which they do not do.

Unlike the ELSA, the HRS does not ask respondents to exclude any difficulties he/she expects to last less than three months.

ELSA Variables Used

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Wave 1 Core:
    HEADB01        because of a health or memory  problem, do you have any
    HEADB02        because of a health or memory  problem, do you have any
    HEADB03        because of a health or memory  problem, do you have any
    HEADB04        because of a health or memory  problem, do you have any
    HEADB05        because of a health or memory  problem, do you have any
    HEADB06        because of a health or memory  problem, do you have any
    HEADB07        because of a health or memory  problem, do you have any
    HEADB08        because of a health or memory  problem, do you have any
    HEADB09        because of a health or memory  problem, do you have any
    HEADB10        because of a health or memory  problem, do you have any
    HEADB11        because of a health or memory  problem, do you have any
    HEADB12        because of a health or memory  problem, do you have any
    HEADB13        because of a health or memory  problem, do you have any
    HEADB14        because of a health or memory  problem, do you have any
Wave 2 Core:
    HEADB01        iadl: activity has problem with due to health/physical p
    HEADB02        iadl: activity has problem with due to health/physical p
    HEADB03        iadl: activity has problem with due to health/physical p
    HEADB04        iadl: activity has problem with due to health/physical p
    HEADB05        iadl: activity has problem with due to health/physical p
    HEADB06        iadl: activity has problem with due to health/physical p
    HEADB07        iadl: activity has problem with due to health/physical p
    HEADB08        iadl: activity has problem with due to health/physical p
    HEADB09        iadl: activity has problem with due to health/physical p
    HEADB10        iadl: activity has problem with due to health/physical p
    HEADB11        iadl: activity has problem with due to health/physical p
    HEADB12        iadl: activity has problem with due to health/physical p
    HEADB13        iadl: activity has problem with due to health/physical p
Wave 3 Core:
    HEADLHO        iadl: difficulty doing work around house and garden
    HEADLMA        iadl: difficulty using map to figure out how to get arou
    HEADLME        iadl: difficulty taking medications
    HEADLMO        iadl: difficulty managing money, eg paying bills,keeping
    HEADLPH        iadl: difficulty making telephone calls
    HEADLPR        iadl: difficulty preparing a hot meal
    HEADLSH        iadl: difficulty shopping for groceries
Wave 4 Core:
    HEADLHO        iadl: doing work around the house or garden
    HEADLMA        iadl: difficulty using map to figure out how to get arou
    HEADLME        iadl: taking medications
    HEADLMO        iadl: managing money, such as bills and expenses
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    HEADLPR        iadl: preparing a hot meal
    HEADLSH        iadl: shopping for groceries
    HEADLTE        iadl: making telephone calls
Wave 5 Core:
    HEADLHO        iadl: difficulty doing work around house and garden
    HEADLMA        iadl: difficulty using map to figure out how to get arou
    HEADLME        iadl: difficulty taking medications
    HEADLMO        iadl: difficulty managing money, eg paying bills,keeping
    HEADLPH        iadl: difficulty making telephone calls
    HEADLPR        iadl: difficulty preparing a hot meal
    HEADLSH        iadl: difficulty shopping for groceries
Wave 6 Core:
    HEADLHO         doing work around the house or garden
    HEADLMA        iadl: difficulty using map to figure out how to get arou
    HEADLME        iadl: difficulty taking medications
    HEADLMO         managing money, such as paying bills and keeping track
    HEADLPH        iadl: difficulty making telephone calls
    HEADLPR        iadl: difficulty preparing a hot meal
    HEADLSH        iadl: difficulty shopping for groceries
Wave 7 Core:
    HEADLHO         doing work around the house or garden
    HEADLMA        iadl: difficulty using map to figure out how to get arou
    HEADLME        iadl: difficulty taking medications
    HEADLMO         managing money, such as paying bills and keeping track
    HEADLPH        iadl: difficulty making telephone calls
    HEADLPR        iadl: difficulty preparing a hot meal
    HEADLSH        iadl: difficulty shopping for groceries
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Other Functional Limitations: Some Difficulty

Wave	Variable	Label	Type
1	R1WALK100A	r1walk100a:w1 R Some Diff-Walk 100y	Categ
2	R2WALK100A	r2walk100a:w2 R Some Diff-Walk 100y	Categ
3	R3WALK100A	r3walk100a:w3 R Some Diff-Walk 100y	Categ
4	R4WALK100A	r4walk100a:w4 R Some Diff-Walk 100y	Categ
5	R5WALK100A	r5walk100a:w5 R Some Diff-Walk 100y	Categ
6	R6WALK100A	r6walk100a:w6 R Some Diff-Walk 100y	Categ
7	R7WALK100A	r7walk100a:w7 R Some Diff-Walk 100y	Categ
1	S1WALK100A	s1walk100a:w1 S Some Diff-Walk 100y	Categ
2	S2WALK100A	s2walk100a:w2 S Some Diff-Walk 100y	Categ
3	S3WALK100A	s3walk100a:w3 S Some Diff-Walk 100y	Categ
4	S4WALK100A	s4walk100a:w4 S Some Diff-Walk 100y	Categ
5	S5WALK100A	s5walk100a:w5 S Some Diff-Walk 100y	Categ
6	S6WALK100A	s6walk100a:w6 S Some Diff-Walk 100y	Categ
7	S7WALK100A	s7walk100a:w7 S Some Diff-Walk 100y	Categ
1	R1SITA	r1sita:w1 R Some Diff-Sit for 2 hours	Categ
2	R2SITA	r2sita:w2 R Some Diff-Sit for 2 hours	Categ
3	R3SITA	r3sita:w3 R Some Diff-Sit for 2 hours	Categ
4	R4SITA	r4sita:w4 R Some Diff-Sit for 2 hours	Categ
5	R5SITA	r5sita:w5 R Some Diff-Sit for 2 hours	Categ
6	R6SITA	r6sita:w6 R Some Diff-Sit for 2 hours	Categ
7	R7SITA	r7sita:w7 R Some Diff-Sit for 2 hours	Categ
1	S1SITA	s1sita:w1 S Some Diff-Sit for 2 hours	Categ
2	S2SITA	s2sita:w2 S Some Diff-Sit for 2 hours	Categ
3	S3SITA	s3sita:w3 S Some Diff-Sit for 2 hours	Categ
4	S4SITA	s4sita:w4 S Some Diff-Sit for 2 hours	Categ
5	S5SITA	s5sita:w5 S Some Diff-Sit for 2 hours	Categ
6	S6SITA	s6sita:w6 S Some Diff-Sit for 2 hours	Categ
7	S7SITA	s7sita:w7 S Some Diff-Sit for 2 hours	Categ
1	R1CHAIRA	r1chaira:w1 R Some Diff-Get up fr chair	Categ
2	R2CHAIRA	r2chaira:w2 R Some Diff-Get up fr chair	Categ
3	R3CHAIRA	r3chaira:w3 R Some Diff-Get up fr chair	Categ
4	R4CHAIRA	r4chaira:w4 R Some Diff-Get up fr chair	Categ
5	R5CHAIRA	r5chaira:w5 R Some Diff-Get up fr chair	Categ
6	R6CHAIRA	r6chaira:w6 R Some Diff-Get up fr chair	Categ
7	R7CHAIRA	r7chaira:w7 R Some Diff-Get up fr chair	Categ
1	S1CHAIRA	s1chaira:w1 S Some Diff-Get up fr chair	Categ
2	S2CHAIRA	s2chaira:w2 S Some Diff-Get up fr chair	Categ
3	S3CHAIRA	s3chaira:w3 S Some Diff-Get up fr chair	Categ
4	S4CHAIRA	s4chaira:w4 S Some Diff-Get up fr chair	Categ
5	S5CHAIRA	s5chaira:w5 S Some Diff-Get up fr chair	Categ
6	S6CHAIRA	s6chaira:w6 S Some Diff-Get up fr chair	Categ
7	S7CHAIRA	s7chaira:w7 S Some Diff-Get up fr chair	Categ
1	R1CLIMSA	r1climsa:w1 R Some Diff-Clmb sev flt str	Categ
2	R2CLIMSA	r2climsa:w2 R Some Diff-Clmb sev flt str	Categ
3	R3CLIMSA	r3climsa:w3 R Some Diff-Clmb sev flt str	Categ
4	R4CLIMSA	r4climsa:w4 R Some Diff-Clmb sev flt str	Categ
5	R5CLIMSA	r5climsa:w5 R Some Diff-Clmb sev flt str	Categ
6	R6CLIMSA	r6climsa:w6 R Some Diff-Clmb sev flt str	Categ
7	R7CLIMSA	r7climsa:w7 R Some Diff-Clmb sev flt str	Categ
1	S1CLIMSA	s1climsa:w1 S Some Diff-Clmb sev flt str	Categ

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2  S2CLIMSA      s2climsa:w2 S Some Diff-Clmb sev flt str                    Categ
3  S3CLIMSA      s3climsa:w3 S Some Diff-Clmb sev flt str                    Categ
4  S4CLIMSA      s4climsa:w4 S Some Diff-Clmb sev flt str                    Categ
5  S5CLIMSA      s5climsa:w5 S Some Diff-Clmb sev flt str                    Categ
6  S6CLIMSA      s6climsa:w6 S Some Diff-Clmb sev flt str                    Categ
7  S7CLIMSA      s7climsa:w7 S Some Diff-Clmb sev flt str                    Categ

1  R1CLIM1A      r1clim1a:w1 R Some Diff-Clmb 1 flt str                      Categ
2  R2CLIM1A      r2clim1a:w2 R Some Diff-Clmb 1 flt str                      Categ
3  R3CLIM1A      r3clim1a:w3 R Some Diff-Clmb 1 flt str                      Categ
4  R4CLIM1A      r4clim1a:w4 R Some Diff-Clmb 1 flt str                      Categ
5  R5CLIM1A      r5clim1a:w5 R Some Diff-Clmb 1 flt str                      Categ
6  R6CLIM1A      r6clim1a:w6 R Some Diff-Clmb 1 flt str                      Categ
7  R7CLIM1A      r7clim1a:w7 R Some Diff-Clmb 1 flt str                      Categ

1  S1CLIM1A      s1clim1a:w1 S Some Diff-Clmb 1 flt str                      Categ
2  S2CLIM1A      s2clim1a:w2 S Some Diff-Clmb 1 flt str                      Categ
3  S3CLIM1A      s3clim1a:w3 S Some Diff-Clmb 1 flt str                      Categ
4  S4CLIM1A      s4clim1a:w4 S Some Diff-Clmb 1 flt str                      Categ
5  S5CLIM1A      s5clim1a:w5 S Some Diff-Clmb 1 flt str                      Categ
6  S6CLIM1A      s6clim1a:w6 S Some Diff-Clmb 1 flt str                      Categ
7  S7CLIM1A      s7clim1a:w7 S Some Diff-Clmb 1 flt str                      Categ

1  R1STOOPA      r1stoopa:w1 R Some Diff-Stoop/Kneel/Crch                    Categ
2  R2STOOPA      r2stoopa:w2 R Some Diff-Stoop/Kneel/Crch                    Categ
3  R3STOOPA      r3stoopa:w3 R Some Diff-Stoop/Kneel/Crch                    Categ
4  R4STOOPA      r4stoopa:w4 R Some Diff-Stoop/Kneel/Crch                    Categ
5  R5STOOPA      r5stoopa:w5 R Some Diff-Stoop/Kneel/Crch                    Categ
6  R6STOOPA      r6stoopa:w6 R Some Diff-Stoop/Kneel/Crch                    Categ
7  R7STOOPA      r7stoopa:w7 R Some Diff-Stoop/Kneel/Crch                    Categ

1  S1STOOPA      s1stoopa:w1 S Some Diff-Stoop/Kneel/Crch                    Categ
2  S2STOOPA      s2stoopa:w2 S Some Diff-Stoop/Kneel/Crch                    Categ
3  S3STOOPA      s3stoopa:w3 S Some Diff-Stoop/Kneel/Crch                    Categ
4  S4STOOPA      s4stoopa:w4 S Some Diff-Stoop/Kneel/Crch                    Categ
5  S5STOOPA      s5stoopa:w5 S Some Diff-Stoop/Kneel/Crch                    Categ
6  S6STOOPA      s6stoopa:w6 S Some Diff-Stoop/Kneel/Crch                    Categ
7  S7STOOPA      s7stoopa:w7 S Some Diff-Stoop/Kneel/Crch                    Categ

1  R1LIFTA       r1lifta:w1 R Some Diff-Lift/carry 10lbs                     Categ
2  R2LIFTA       r2lifta:w2 R Some Diff-Lift/carry 10lbs                     Categ
3  R3LIFTA       r3lifta:w3 R Some Diff-Lift/carry 10lbs                     Categ
4  R4LIFTA       r4lifta:w4 R Some Diff-Lift/carry 10lbs                     Categ
5  R5LIFTA       r5lifta:w5 R Some Diff-Lift/carry 10lbs                     Categ
6  R6LIFTA       r6lifta:w6 R Some Diff-Lift/carry 10lbs                     Categ
7  R7LIFTA       r7lifta:w7 R Some Diff-Lift/carry 10lbs                     Categ

1  S1LIFTA       s1lifta:w1 S Some Diff-Lift/carry 10lbs                     Categ
2  S2LIFTA       s2lifta:w2 S Some Diff-Lift/carry 10lbs                     Categ
3  S3LIFTA       s3lifta:w3 S Some Diff-Lift/carry 10lbs                     Categ
4  S4LIFTA       s4lifta:w4 S Some Diff-Lift/carry 10lbs                     Categ
5  S5LIFTA       s5lifta:w5 S Some Diff-Lift/carry 10lbs                     Categ
6  S6LIFTA       s6lifta:w6 S Some Diff-Lift/carry 10lbs                     Categ
7  S7LIFTA       s7lifta:w7 S Some Diff-Lift/carry 10lbs                     Categ

1  R1DIMEA       r1dimea:w1 R Some Diff-Pick up a 5p coin                    Categ
2  R2DIMEA       r2dimea:w2 R Some Diff-Pick up a 5p coin                    Categ
3  R3DIMEA       r3dimea:w3 R Some Diff-Pick up a 5p coin                    Categ
4  R4DIMEA       r4dimea:w4 R Some Diff-Pick up a 5p coin                    Categ
5  R5DIMEA       r5dimea:w5 R Some Diff-Pick up a 5p coin                    Categ
6  R6DIMEA       r6dimea:w6 R Some Diff-Pick up a 5p coin                    Categ
7  R7DIMEA       r7dimea:w7 R Some Diff-Pick up a 5p coin                    Categ
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1	S1DIMEA	s1dimea:w1 S Some Diff-Pick up a 5p coin	Categ
2	S2DIMEA	s2dimea:w2 S Some Diff-Pick up a 5p coin	Categ
3	S3DIMEA	s3dimea:w3 S Some Diff-Pick up a 5p coin	Categ
4	S4DIMEA	s4dimea:w4 S Some Diff-Pick up a 5p coin	Categ
5	S5DIMEA	s5dimea:w5 S Some Diff-Pick up a 5p coin	Categ
6	S6DIMEA	s6dimea:w6 S Some Diff-Pick up a 5p coin	Categ
7	S7DIMEA	s7dimea:w7 S Some Diff-Pick up a 5p coin	Categ
1	R1ARMSA	r1armsa:w1 R Some Diff-Rch/xtnd arms up	Categ
2	R2ARMSA	r2armsa:w2 R Some Diff-Rch/xtnd arms up	Categ
3	R3ARMSA	r3armsa:w3 R Some Diff-Rch/xtnd arms up	Categ
4	R4ARMSA	r4armsa:w4 R Some Diff-Rch/xtnd arms up	Categ
5	R5ARMSA	r5armsa:w5 R Some Diff-Rch/xtnd arms up	Categ
6	R6ARMSA	r6armsa:w6 R Some Diff-Rch/xtnd arms up	Categ
7	R7ARMSA	r7armsa:w7 R Some Diff-Rch/xtnd arms up	Categ
1	S1ARMSA	s1armsa:w1 S Some Diff-Rch/xtnd arms up	Categ
2	S2ARMSA	s2armsa:w2 S Some Diff-Rch/xtnd arms up	Categ
3	S3ARMSA	s3armsa:w3 S Some Diff-Rch/xtnd arms up	Categ
4	S4ARMSA	s4armsa:w4 S Some Diff-Rch/xtnd arms up	Categ
5	S5ARMSA	s5armsa:w5 S Some Diff-Rch/xtnd arms up	Categ
6	S6ARMSA	s6armsa:w6 S Some Diff-Rch/xtnd arms up	Categ
7	S7ARMSA	s7armsa:w7 S Some Diff-Rch/xtnd arms up	Categ
1	R1PUSHA	r1pusha:w1 R Some Diff-Push/pull lg obj	Categ
2	R2PUSHA	r2pusha:w2 R Some Diff-Push/pull lg obj	Categ
3	R3PUSHA	r3pusha:w3 R Some Diff-Push/pull lg obj	Categ
4	R4PUSHA	r4pusha:w4 R Some Diff-Push/pull lg obj	Categ
5	R5PUSHA	r5pusha:w5 R Some Diff-Push/pull lg obj	Categ
6	R6PUSHA	r6pusha:w6 R Some Diff-Push/pull lg obj	Categ
7	R7PUSHA	r7pusha:w7 R Some Diff-Push/pull lg obj	Categ
1	S1PUSHA	s1pusha:w1 S Some Diff-Push/pull lg obj	Categ
2	S2PUSHA	s2pusha:w2 S Some Diff-Push/pull lg obj	Categ
3	S3PUSHA	s3pusha:w3 S Some Diff-Push/pull lg obj	Categ
4	S4PUSHA	s4pusha:w4 S Some Diff-Push/pull lg obj	Categ
5	S5PUSHA	s5pusha:w5 S Some Diff-Push/pull lg obj	Categ
6	S6PUSHA	s6pusha:w6 S Some Diff-Push/pull lg obj	Categ
7	S7PUSHA	s7pusha:w7 S Some Diff-Push/pull lg obj	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WALK100A	11908	0.12	0.33	0.00	1.00
R2WALK100A	9429	0.12	0.33	0.00	1.00
R3WALK100A	9767	0.12	0.33	0.00	1.00
R4WALK100A	11040	0.12	0.32	0.00	1.00
R5WALK100A	10265	0.14	0.34	0.00	1.00
R6WALK100A	10596	0.14	0.34	0.00	1.00
R7WALK100A	9664	0.13	0.34	0.00	1.00
S1WALK100A	7936	0.10	0.30	0.00	1.00
S2WALK100A	6175	0.10	0.30	0.00	1.00
S3WALK100A	6385	0.09	0.29	0.00	1.00
S4WALK100A	7394	0.09	0.29	0.00	1.00
S5WALK100A	6957	0.10	0.30	0.00	1.00
S6WALK100A	7239	0.10	0.30	0.00	1.00
S7WALK100A	6558	0.10	0.30	0.00	1.00
R1SITA	11908	0.14	0.35	0.00	1.00
R2SITA	9429	0.14	0.35	0.00	1.00
R3SITA	9767	0.14	0.35	0.00	1.00

R4SITA	11040	0.12	0.33	0.00	1.00
R5SITA	10265	0.13	0.34	0.00	1.00
R6SITA	10596	0.13	0.34	0.00	1.00
R7SITA	9664	0.13	0.33	0.00	1.00
S1SITA	7936	0.13	0.34	0.00	1.00
S2SITA	6175	0.13	0.34	0.00	1.00
S3SITA	6385	0.13	0.33	0.00	1.00
S4SITA	7394	0.10	0.31	0.00	1.00
S5SITA	6957	0.11	0.32	0.00	1.00
S6SITA	7239	0.12	0.32	0.00	1.00
S7SITA	6558	0.11	0.32	0.00	1.00
R1CHAIRA	11908	0.26	0.44	0.00	1.00
R2CHAIRA	9429	0.27	0.44	0.00	1.00
R3CHAIRA	9767	0.25	0.43	0.00	1.00
R4CHAIRA	11040	0.25	0.43	0.00	1.00
R5CHAIRA	10265	0.25	0.44	0.00	1.00
R6CHAIRA	10596	0.24	0.43	0.00	1.00
R7CHAIRA	9664	0.24	0.43	0.00	1.00
S1CHAIRA	7936	0.23	0.42	0.00	1.00
S2CHAIRA	6175	0.24	0.43	0.00	1.00
S3CHAIRA	6385	0.22	0.41	0.00	1.00
S4CHAIRA	7394	0.22	0.41	0.00	1.00
S5CHAIRA	6957	0.22	0.42	0.00	1.00
S6CHAIRA	7239	0.21	0.41	0.00	1.00
S7CHAIRA	6558	0.22	0.41	0.00	1.00
R1CLIMSA	11908	0.36	0.48	0.00	1.00
R2CLIMSA	9429	0.38	0.48	0.00	1.00
R3CLIMSA	9767	0.34	0.47	0.00	1.00
R4CLIMSA	11040	0.34	0.48	0.00	1.00
R5CLIMSA	10265	0.35	0.48	0.00	1.00
R6CLIMSA	10596	0.32	0.47	0.00	1.00
R7CLIMSA	9664	0.31	0.46	0.00	1.00
S1CLIMSA	7936	0.32	0.47	0.00	1.00
S2CLIMSA	6175	0.33	0.47	0.00	1.00
S3CLIMSA	6385	0.29	0.45	0.00	1.00
S4CLIMSA	7394	0.29	0.45	0.00	1.00
S5CLIMSA	6957	0.30	0.46	0.00	1.00
S6CLIMSA	7239	0.28	0.45	0.00	1.00
S7CLIMSA	6558	0.26	0.44	0.00	1.00
R1CLIM1A	11908	0.15	0.35	0.00	1.00
R2CLIM1A	9429	0.15	0.36	0.00	1.00
R3CLIM1A	9767	0.14	0.35	0.00	1.00
R4CLIM1A	11040	0.14	0.35	0.00	1.00
R5CLIM1A	10265	0.15	0.36	0.00	1.00
R6CLIM1A	10596	0.15	0.36	0.00	1.00
R7CLIM1A	9664	0.15	0.36	0.00	1.00
S1CLIM1A	7936	0.12	0.32	0.00	1.00
S2CLIM1A	6175	0.12	0.32	0.00	1.00
S3CLIM1A	6385	0.11	0.31	0.00	1.00
S4CLIM1A	7394	0.10	0.31	0.00	1.00
S5CLIM1A	6957	0.11	0.32	0.00	1.00
S6CLIM1A	7239	0.11	0.32	0.00	1.00
S7CLIM1A	6558	0.11	0.32	0.00	1.00
R1STOOPA	11908	0.35	0.48	0.00	1.00
R2STOOPA	9429	0.38	0.49	0.00	1.00

R3STOOPA	9767	0.35	0.48	0.00	1.00
R4STOOPA	11040	0.35	0.48	0.00	1.00
R5STOOPA	10265	0.38	0.48	0.00	1.00
R6STOOPA	10596	0.37	0.48	0.00	1.00
R7STOOPA	9664	0.37	0.48	0.00	1.00
S1STOOPA	7936	0.32	0.46	0.00	1.00
S2STOOPA	6175	0.34	0.47	0.00	1.00
S3STOOPA	6385	0.30	0.46	0.00	1.00
S4STOOPA	7394	0.31	0.46	0.00	1.00
S5STOOPA	6957	0.32	0.47	0.00	1.00
S6STOOPA	7239	0.33	0.47	0.00	1.00
S7STOOPA	6558	0.32	0.47	0.00	1.00
R1LIFTA	11908	0.26	0.44	0.00	1.00
R2LIFTA	9429	0.25	0.44	0.00	1.00
R3LIFTA	9767	0.24	0.42	0.00	1.00
R4LIFTA	11040	0.23	0.42	0.00	1.00
R5LIFTA	10265	0.23	0.42	0.00	1.00
R6LIFTA	10596	0.23	0.42	0.00	1.00
R7LIFTA	9664	0.22	0.41	0.00	1.00
S1LIFTA	7936	0.21	0.41	0.00	1.00
S2LIFTA	6175	0.20	0.40	0.00	1.00
S3LIFTA	6385	0.18	0.38	0.00	1.00
S4LIFTA	7394	0.18	0.38	0.00	1.00
S5LIFTA	6957	0.18	0.38	0.00	1.00
S6LIFTA	7239	0.17	0.38	0.00	1.00
S7LIFTA	6558	0.16	0.37	0.00	1.00
R1DIMEA	11908	0.05	0.22	0.00	1.00
R2DIMEA	9429	0.05	0.23	0.00	1.00
R3DIMEA	9767	0.05	0.23	0.00	1.00
R4DIMEA	11040	0.05	0.23	0.00	1.00
R5DIMEA	10265	0.06	0.24	0.00	1.00
R6DIMEA	10596	0.06	0.23	0.00	1.00
R7DIMEA	9664	0.06	0.24	0.00	1.00
S1DIMEA	7936	0.04	0.20	0.00	1.00
S2DIMEA	6175	0.04	0.20	0.00	1.00
S3DIMEA	6385	0.04	0.20	0.00	1.00
S4DIMEA	7394	0.04	0.20	0.00	1.00
S5DIMEA	6957	0.05	0.21	0.00	1.00
S6DIMEA	7239	0.04	0.21	0.00	1.00
S7DIMEA	6558	0.05	0.21	0.00	1.00
R1ARMSA	11908	0.11	0.31	0.00	1.00
R2ARMSA	9429	0.11	0.32	0.00	1.00
R3ARMSA	9767	0.11	0.31	0.00	1.00
R4ARMSA	11040	0.10	0.31	0.00	1.00
R5ARMSA	10265	0.11	0.31	0.00	1.00
R6ARMSA	10596	0.12	0.32	0.00	1.00
R7ARMSA	9664	0.11	0.31	0.00	1.00
S1ARMSA	7936	0.10	0.29	0.00	1.00
S2ARMSA	6175	0.10	0.30	0.00	1.00
S3ARMSA	6385	0.09	0.29	0.00	1.00
S4ARMSA	7394	0.09	0.29	0.00	1.00
S5ARMSA	6957	0.09	0.28	0.00	1.00
S6ARMSA	7239	0.10	0.30	0.00	1.00
S7ARMSA	6558	0.09	0.29	0.00	1.00
R1PUSHA	11908	0.18	0.38	0.00	1.00

R2PUSHA	9429	0.19	0.39	0.00	1.00
R3PUSHA	9767	0.18	0.38	0.00	1.00
R4PUSHA	11040	0.17	0.38	0.00	1.00
R5PUSHA	10265	0.18	0.38	0.00	1.00
R6PUSHA	10596	0.18	0.38	0.00	1.00
R7PUSHA	9664	0.17	0.37	0.00	1.00
S1PUSHA	7936	0.15	0.35	0.00	1.00
S2PUSHA	6175	0.15	0.36	0.00	1.00
S3PUSHA	6385	0.13	0.34	0.00	1.00
S4PUSHA	7394	0.13	0.34	0.00	1.00
S5PUSHA	6957	0.13	0.34	0.00	1.00
S6PUSHA	7239	0.14	0.34	0.00	1.00
S7PUSHA	6558	0.13	0.33	0.00	1.00

Categorical Variable Codes

Value	R1WALK100A	R2WALK100A	R3WALK100A	R4WALK100A	R5WALK100A	R6WALK100A	R7WALK100A
.d:DK	12	2		3	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	1		7	6	3	
0.No	10452	8252	8586	9723	8870	9145	8386
1.Yes	1456	1177	1181	1317	1395	1451	1278

Value	S1WALK100A	S2WALK100A	S3WALK100A	S4WALK100A	S5WALK100A	S6WALK100A	S7WALK100A
.d:DK	9	2		2	3	1	2
.m:Missing			1				
.p:proxy	122						
.r:Refuse	3	1		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7155	5545	5803	6730	6248	6516	5919
1.Yes	781	630	582	664	709	723	639

Value	R1SITA	R2SITA	R3SITA	R4SITA	R5SITA	R6SITA	R7SITA
.d:DK	12	2		3	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	1		7	6	3	
0.No	10231	8074	8372	9698	8934	9190	8430
1.Yes	1677	1355	1395	1342	1331	1406	1234

Value	S1SITA	S2SITA	S3SITA	S4SITA	S5SITA	S6SITA	S7SITA
.d:DK	9	2		2	3	1	2
.m:Missing			1				
.p:proxy	122						
.r:Refuse	3	1		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	6909	5363	5567	6621	6166	6385	5808
1.Yes	1027	812	818	773	791	854	750

Value	R1CHAIRA	R2CHAIRA	R3CHAIRA	R4CHAIRA	R5CHAIRA	R6CHAIRA	R7CHAIRA
.d:DK	12	2		3	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	1		7	6	3	
0.No	8858	6916	7324	8330	7648	8019	7317
1.Yes	3050	2513	2443	2710	2617	2577	2347

Value	S1CHAIRA	S2CHAIRA	S3CHAIRA	S4CHAIRA	S5CHAIRA	S6CHAIRA	S7CHAIRA
.d:DK	9	2		2	3	1	2
.m:Missing			1				
.p:proxy	122						
.r:Refuse	3	1		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558

0.No	6116	4694	5012	5803	5414	5700	5144
1.Yes	1820	1481	1373	1591	1543	1539	1414
Value	R1CLIMSA	R2CLIMSA	R3CLIMSA	R4CLIMSA	R5CLIMSA	R6CLIMSA	R7CLIMSA
.d:DK	12	2		3	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	1		7	6	3	
0.No	7643	5873	6413	7235	6646	7164	6657
1.Yes	4265	3556	3354	3805	3619	3432	3007
Value	S1CLIMSA	S2CLIMSA	S3CLIMSA	S4CLIMSA	S5CLIMSA	S6CLIMSA	S7CLIMSA
.d:DK	9	2		2	3	1	2
.m:Missing			1				
.p:proxy	122						
.r:Refuse	3	1		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	5409	4123	4541	5232	4884	5225	4844
1.Yes	2527	2052	1844	2162	2073	2014	1714
Value	R1CLIM1A	R2CLIM1A	R3CLIM1A	R4CLIM1A	R5CLIM1A	R6CLIM1A	R7CLIM1A
.d:DK	12	2		3	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	1		7	6	3	
0.No	10163	7988	8360	9485	8715	8993	8217
1.Yes	1745	1441	1407	1555	1550	1603	1447
Value	S1CLIM1A	S2CLIM1A	S3CLIM1A	S4CLIM1A	S5CLIM1A	S6CLIM1A	S7CLIM1A
.d:DK	9	2		2	3	1	2
.m:Missing			1				
.p:proxy	122						
.r:Refuse	3	1		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7012	5452	5704	6623	6179	6430	5817
1.Yes	924	723	681	771	778	809	741
Value	R1STOOPA	R2STOOPA	R3STOOPA	R4STOOPA	R5STOOPA	R6STOOPA	R7STOOPA
.d:DK	12	2		3	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	1		7	6	3	
0.No	7731	5842	6352	7176	6411	6705	6125
1.Yes	4177	3587	3415	3864	3854	3891	3539
Value	S1STOOPA	S2STOOPA	S3STOOPA	S4STOOPA	S5STOOPA	S6STOOPA	S7STOOPA
.d:DK	9	2		2	3	1	2
.m:Missing			1				
.p:proxy	122						
.r:Refuse	3	1		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	5435	4064	4468	5088	4699	4865	4457
1.Yes	2501	2111	1917	2306	2258	2374	2101
Value	R1LIFTA	R2LIFTA	R3LIFTA	R4LIFTA	R5LIFTA	R6LIFTA	R7LIFTA
.d:DK	12	2		3	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	1		7	6	3	
0.No	8861	7025	7465	8545	7866	8172	7568
1.Yes	3047	2404	2302	2495	2399	2424	2096
Value	S1LIFTA	S2LIFTA	S3LIFTA	S4LIFTA	S5LIFTA	S6LIFTA	S7LIFTA
.d:DK	9	2		2	3	1	2
.m:Missing			1				
.p:proxy	122						
.r:Refuse	3	1		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548

.v:SP NR	468	583	677	716	568	557	558
0.No	6265	4936	5245	6095	5733	5981	5476
1.Yes	1671	1239	1140	1299	1224	1258	1082

Value	R1DIMEA	R2DIMEA	R3DIMEA	R4DIMEA	R5DIMEA	R6DIMEA	R7DIMEA
.d:DK	12	2		3	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	1		7	6	3	
0.No	11307	8919	9239	10449	9647	9983	9078
1.Yes	601	510	528	591	618	613	586

Value	S1DIMEA	S2DIMEA	S3DIMEA	S4DIMEA	S5DIMEA	S6DIMEA	S7DIMEA
.d:DK	9	2		2	3	1	2
.m:Missing			1				
.p:proxy	122						
.r:Refuse	3	1		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7616	5909	6119	7095	6643	6919	6261
1.Yes	320	266	266	299	314	320	297

Value	R1ARMSA	R2ARMSA	R3ARMSA	R4ARMSA	R5ARMSA	R6ARMSA	R7ARMSA
.d:DK	12	2		3	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	1		7	6	3	
0.No	10605	8358	8691	9882	9160	9370	8610
1.Yes	1303	1071	1076	1158	1105	1226	1054

Value	S1ARMSA	S2ARMSA	S3ARMSA	S4ARMSA	S5ARMSA	S6ARMSA	S7ARMSA
.d:DK	9	2		2	3	1	2
.m:Missing			1				
.p:proxy	122						
.r:Refuse	3	1		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	7179	5563	5780	6726	6343	6516	5973
1.Yes	757	612	605	668	614	723	585

Value	R1PUSHA	R2PUSHA	R3PUSHA	R4PUSHA	R5PUSHA	R6PUSHA	R7PUSHA
.d:DK	12	2		3	3	2	2
.m:Missing			4				
.p:proxy	175						
.r:Refuse	4	1		7	6	3	
0.No	9786	7663	8041	9154	8441	8709	8052
1.Yes	2122	1766	1726	1886	1824	1887	1612

Value	S1PUSHA	S2PUSHA	S3PUSHA	S4PUSHA	S5PUSHA	S6PUSHA	S7PUSHA
.d:DK	9	2		2	3	1	2
.m:Missing			1				
.p:proxy	122						
.r:Refuse	3	1		6	4	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	6778	5230	5548	6441	6047	6246	5734
1.Yes	1158	945	837	953	910	993	824

How Constructed

These variables indicate difficulty with functional limitations other than ADLs and IADLs. The other functional limitations include walking 100 yards (RwWALK100A), sitting for about 2 hours (RwSITA), getting up from a chair after sitting for long periods (RwCHAIRA), climbing several flights of stairs without resting (RwCLIMSA), climbing one flight of stairs without resting (RwCLIM1A), lifting or carrying weights over 10 lbs (RwLIFTA), stooping, kneeling, or crouching (RwSTOOPA), reaching arms above shoulder level (RwARMSA), pushing or pulling large objects (RwPUSHA), and picking up a 5p coin from the table (RwDIMEA). A code of 0 indicates that the respondent did not report any problems with the activity. A code of 1 indicates that the respondent reported some difficulty with the activity. Don’t know, refused, or other missing responses to RwWALK100A, RwSITA, RwCHAIRA, RwCLIMSA, RwCLIM1A, RwLIFTA, RwSTOOPA,

RwARMSA, RwPUSHA, and RwDIMEA are assigned special missing values .d, .r, .m respectively. RwWALK100A, RwSITA, RwCHAIRA, RwCLIMSA, RwCLIM1A, RwLIFTA, RwSTOOPA, RwARMSA, RwPUSHA, and RwDIMEA are set to special missing .p if the functional limitations questions were skipped because the interview was by proxy. RwWALK100A, RwSITA, RwCHAIRA, RwCLIMSA, RwCLIM1A, RwLIFTA, RwSTOOPA, RwARMSA, RwPUSHA, and RwDIMEA are set to plain missing (.) for respondents who did not respond to the current wave.

SwWALK100A, SwSITA, SwCHAIRA, SwCLIMSA, SwCLIM1A, SwLIFTA, SwSTOOPA, SwARMSA, SwPUSHA, and SwDIMEA indicate whether the respondent's spouse reported any difficulty and are taken directly from spouse's responses to RwWALK100A, RwSITA, RwCHAIRA, RwCLIMSA, RwCLIM1A, RwLIFTA, RwSTOOPA, RwARMSA, RwPUSHA, and RwDIMEA, respectively. In addition to the special missing codes used in RwWALK100A, RwSITA, RwCHAIRA, RwCLIMSA, RwCLIM1A, RwLIFTA, RwSTOOPA, RwARMSA, RwPUSHA, and RwDIMEA, SwWALK100A, SwSITA, SwCHAIRA, SwCLIMSA, SwCLIM1A, SwLIFTA, SwSTOOPA, SwARMSA, SwPUSHA, and SwDIMEA employ two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

In the ELSA, respondents identify other functional limitations by selecting activities they have difficulty with from a card containing a list of activities. Respondents are asked to exclude any difficulties they expect to last less than three months.

Cross Wave Differences in ELSA

Functional limitations questions were not asked to proxy respondents in Wave 1. Proxy respondents were asked about difficulty with functional limitations from Wave 2 forward.

Differences with the RAND HRS

In the RAND HRS, these binary indicators of some difficulty with other activities are recoded from a set of raw variables for Wave 2 of the HRS. In Wave 2 of the HRS, respondents were given several options to report level of difficulty with other activities. These levels included not difficult, occasionally difficult, difficult some of the time, and difficult most of the time. The RAND HRS recodes these levels to either No (not difficult) or Yes (difficult).

Unlike the HRS, ELSA has respondents identify difficulty with other activities by selecting activities they have difficulty with from a card containing a list of activities. ELSA respondents do not have the option of identifying activities which they do not do.

ELSA Variables Used

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Wave 1 Core:
    HEADA01        because of a health problem, do you have any difficultie
    HEADA02        show card l @/we need to understand difficulties people
    HEADA03        show card l @/we need to understand difficulties people
    HEADA04        because of a health problem, do you have any difficultie
    HEADA05        because of a health problem, do you have any difficultie
    HEADA06        because of a health problem, do you have any difficultie
    HEADA07        because of a health problem, do you have any difficultie
    HEADA08        because of a health problem, do you have any difficultie
    HEADA09        because of a health problem, do you have any difficultie
    HEADA10        because of a health problem, do you have any difficultie
    HEADA11        because of a health problem, do you have any difficultie
Wave 2 Core:
    HEADA01        adl: activity has problem with due to health/physical pr
    HEADA02        adl: activity has problem with due to health/physical pr
    HEADA03        adl: activity has problem with due to health/physical pr
    HEADA04        adl: activity has problem with due to health/physical pr
    HEADA05        adl: activity has problem with due to health/physical pr
    HEADA06        adl: activity has problem with due to health/physical pr
    HEADA07        adl: activity has problem with due to health/physical pr
    HEADA08        adl: activity has problem with due to health/physical pr
    HEADA09        adl: activity has problem with due to health/physical pr
    HEADA10        adl: activity has problem with due to health/physical pr
```

Wave 3 Core:

HEMOBCH	mobility: difficulty getting up from chair after sitting
HEMOBCL	mobility: difficulty climbing one flight stairs without
HEMOBCS	mobility: difficulty climbing several flights stairs wit
HEMOBLI	mobility: difficulty lifting or carrying weights over 10
HEMOBPI	mobility: difficulty picking up 5p coin from table
HEMOBPU	mobility: difficulty pulling or pushing large objects
HEMOBRE	mobility: difficulty reaching or ectending arms above sh
HEMOBSI	mobility: difficulty sitting 2 hours
HEMOBST	mobility: difficulty stooping, kneeling or crouching
HEMOBWA	mobility: difficulty walking 100 yards

Wave 4 Core:

HEMOBCH	mobility: difficulty getting up from chair after sitting
HEMOBCL	mobility: difficulty climbing one flight stairs without
HEMOBCS	mobility: difficulty climbing several flights stairs wit
HEMOBLI	mobility: difficulty lifting or carrying weights over 10
HEMOBPI	mobility: difficulty picking up 5p coin from table
HEMOBPU	mobility: difficulty pulling or pushing large objects
HEMOBRE	mobility: difficulty reaching or extending arms above sh
HEMOBSI	mobility: difficulty sitting 2 hours
HEMOBST	mobility: difficulty stooping, kneeling or crouching
HEMOBWA	mobility: difficulty walking 100 yards

Wave 5 Core:

HEMOBCH	mobility: difficulty getting up from chair after sitting
HEMOBCL	mobility: difficulty climbing one flight stairs without
HEMOBCS	mobility: difficulty climbing several flights stairs wit
HEMOBLI	mobility: difficulty lifting or carrying weights over 10
HEMOBPI	mobility: difficulty picking up 5p coin from table
HEMOBPU	mobility: difficulty pulling or pushing large objects
HEMOBRE	mobility: difficulty reaching or ectending arms above sh
HEMOBSI	mobility: difficulty sitting 2 hours
HEMOBST	mobility: difficulty stooping, kneeling or crouching
HEMOBWA	mobility: difficulty walking 100 yards

Wave 6 Core:

HEMOBCH	mobility: difficulty getting up from chair after sitting
HEMOBCL	mobility: difficulty climbing one flight stairs without
HEMOBCS	mobility: difficulty climbing several flights stairs wit
HEMOBLI	mobility: difficulty lifting or carrying weights over 10
HEMOBPI	mobility: difficulty picking up 5p coin from table
HEMOBPU	mobility: difficulty pulling or pushing large objects
HEMOBRE	mobility: difficulty reaching or ectending arms above sh
HEMOBSI	mobility: difficulty sitting 2 hours
HEMOBST	mobility: difficulty stooping, kneeling or crouching
HEMOBWA	mobility: difficulty walking 100 yards

Wave 7 Core:

HEMOBCH	mobility: difficulty getting up from chair after sitting
HEMOBCL	mobility: difficulty climbing one flight stairs without
HEMOBCS	mobility: difficulty climbing several flights stairs wit
HEMOBLI	mobility: difficulty lifting or carrying weights over 10
HEMOBPI	mobility: difficulty picking up 5p coin from table
HEMOBPU	mobility: difficulty pulling or pushing large objects
HEMOBRE	mobility: difficulty reaching or ectending arms above sh
HEMOBSI	mobility: difficulty sitting 2 hours
HEMOBST	mobility: difficulty stooping, kneeling or crouching
HEMOBWA	mobility: difficulty walking 100 yards

ADL Summary: Sum ADLs Where Respondent Reports Any Difficulty

Wave	Variable	Label	Type
1	R1ADLA	r1adla:w1 R Some Diff-ADLs /0-5	Cont
2	R2ADLA	r2adla:w2 R Some Diff-ADLs /0-5	Cont
3	R3ADLA	r3adla:w3 R Some Diff-ADLs /0-5	Cont
4	R4ADLA	r4adla:w4 R Some Diff-ADLs /0-5	Cont
5	R5ADLA	r5adla:w5 R Some Diff-ADLs /0-5	Cont
6	R6ADLA	r6adla:w6 R Some Diff-ADLs /0-5	Cont
7	R7ADLA	r7adla:w7 R Some Diff-ADLs /0-5	Cont
1	S1ADLA	s1adla:w1 S Some Diff-ADLs /0-5	Cont
2	S2ADLA	s2adla:w2 S Some Diff-ADLs /0-5	Cont
3	S3ADLA	s3adla:w3 S Some Diff-ADLs /0-5	Cont
4	S4ADLA	s4adla:w4 S Some Diff-ADLs /0-5	Cont
5	S5ADLA	s5adla:w5 S Some Diff-ADLs /0-5	Cont
6	S6ADLA	s6adla:w6 S Some Diff-ADLs /0-5	Cont
7	S7ADLA	s7adla:w7 S Some Diff-ADLs /0-5	Cont
1	R1ADLAM	r1adlam:w1 r Missings in Some Diff-ADLs /0-5	Cont
2	R2ADLAM	r2adlam:w2 r Missings in Some Diff-ADLs /0-5	Cont
3	R3ADLAM	r3adlam:w3 r Missings in Some Diff-ADLs /0-5	Cont
4	R4ADLAM	r4adlam:w4 r Missings in Some Diff-ADLs /0-5	Cont
5	R5ADLAM	r5adlam:w5 r Missings in Some Diff-ADLs /0-5	Cont
6	R6ADLAM	r6adlam:w6 r Missings in Some Diff-ADLs /0-5	Cont
7	R7ADLAM	r7adlam:w7 r Missings in Some Diff-ADLs /0-5	Cont
1	S1ADLAM	s1adlam:w1 S Missings in Some Diff-ADLs /0-5	Cont
2	S2ADLAM	s2adlam:w2 S Missings in Some Diff-ADLs /0-5	Cont
3	S3ADLAM	s3adlam:w3 S Missings in Some Diff-ADLs /0-5	Cont
4	S4ADLAM	s4adlam:w4 S Missings in Some Diff-ADLs /0-5	Cont
5	S5ADLAM	s5adlam:w5 S Missings in Some Diff-ADLs /0-5	Cont
6	S6ADLAM	s6adlam:w6 S Missings in Some Diff-ADLs /0-5	Cont
7	S7ADLAM	s7adlam:w7 S Missings in Some Diff-ADLs /0-5	Cont
1	R1ADLWA	r1adlwa:w1 R Some Diff-ADLs:Wallace /0-3	Cont
2	R2ADLWA	r2adlwa:w2 R Some Diff-ADLs:Wallace /0-3	Cont
3	R3ADLWA	r3adlwa:w3 R Some Diff-ADLs:Wallace /0-3	Cont
4	R4ADLWA	r4adlwa:w4 R Some Diff-ADLs:Wallace /0-3	Cont
5	R5ADLWA	r5adlwa:w5 R Some Diff-ADLs:Wallace /0-3	Cont
6	R6ADLWA	r6adlwa:w6 R Some Diff-ADLs:Wallace /0-3	Cont
7	R7ADLWA	r7adlwa:w7 R Some Diff-ADLs:Wallace /0-3	Cont
1	S1ADLWA	s1adlwa:w1 S Some Diff-ADLs:Wallace /0-3	Cont
2	S2ADLWA	s2adlwa:w2 S Some Diff-ADLs:Wallace /0-3	Cont
3	S3ADLWA	s3adlwa:w3 S Some Diff-ADLs:Wallace /0-3	Cont
4	S4ADLWA	s4adlwa:w4 S Some Diff-ADLs:Wallace /0-3	Cont
5	S5ADLWA	s5adlwa:w5 S Some Diff-ADLs:Wallace /0-3	Cont
6	S6ADLWA	s6adlwa:w6 S Some Diff-ADLs:Wallace /0-3	Cont
7	S7ADLWA	s7adlwa:w7 S Some Diff-ADLs:Wallace /0-3	Cont
1	R1ADLWAM	r1adlwam:w1 R Missings in Some Diff-ADLs:Wallace /0-3	Cont
2	R2ADLWAM	r2adlwam:w2 R Missings in Some Diff-ADLs:Wallace /0-3	Cont
3	R3ADLWAM	r3adlwam:w3 R Missings in Some Diff-ADLs:Wallace /0-3	Cont
4	R4ADLWAM	r4adlwam:w4 R Missings in Some Diff-ADLs:Wallace /0-3	Cont
5	R5ADLWAM	r5adlwam:w5 R Missings in Some Diff-ADLs:Wallace /0-3	Cont
6	R6ADLWAM	r6adlwam:w6 R Missings in Some Diff-ADLs:Wallace /0-3	Cont
7	R7ADLWAM	r7adlwam:w7 R Missings in Some Diff-ADLs:Wallace /0-3	Cont
1	S1ADLWAM	s1adlwam:w1 S Missings in Some Diff-ADLs:Wallace /0-3	Cont

2	S2ADLWAM	s2adlwam:w2 S Missings in Some Diff-ADLs:Wallace /0-3	Cont
3	S3ADLWAM	s3adlwam:w3 S Missings in Some Diff-ADLs:Wallace /0-3	Cont
4	S4ADLWAM	s4adlwam:w4 S Missings in Some Diff-ADLs:Wallace /0-3	Cont
5	S5ADLWAM	s5adlwam:w5 S Missings in Some Diff-ADLs:Wallace /0-3	Cont
6	S6ADLWAM	s6adlwam:w6 S Missings in Some Diff-ADLs:Wallace /0-3	Cont
7	S7ADLWAM	s7adlwam:w7 S Missings in Some Diff-ADLs:Wallace /0-3	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1ADLA	11908	0.37	0.88	0.00	5.00
R2ADLA	9429	0.38	0.91	0.00	5.00
R3ADLA	9767	0.36	0.90	0.00	5.00
R4ADLA	11041	0.34	0.88	0.00	5.00
R5ADLA	10266	0.35	0.90	0.00	5.00
R6ADLA	10596	0.35	0.91	0.00	5.00
R7ADLA	9664	0.34	0.90	0.00	5.00
S1ADLA	7936	0.31	0.83	0.00	5.00
S2ADLA	6175	0.32	0.86	0.00	5.00
S3ADLA	6384	0.28	0.80	0.00	5.00
S4ADLA	7394	0.27	0.77	0.00	5.00
S5ADLA	6957	0.26	0.77	0.00	5.00
S6ADLA	7239	0.26	0.77	0.00	5.00
S7ADLA	6558	0.26	0.78	0.00	5.00
R1ADLAM	12099	0.08	0.62	0.00	5.00
R2ADLAM	9432	0.00	0.09	0.00	5.00
R3ADLAM	9771	0.00	0.10	0.00	5.00
R4ADLAM	11050	0.00	0.14	0.00	5.00
R5ADLAM	10274	0.00	0.14	0.00	5.00
R6ADLAM	10601	0.00	0.11	0.00	5.00
R7ADLAM	9666	0.00	0.07	0.00	5.00
S1ADLAM	8070	0.08	0.64	0.00	5.00
S2ADLAM	6178	0.00	0.11	0.00	5.00
S3ADLAM	6386	0.00	0.09	0.00	5.00
S4ADLAM	7402	0.01	0.16	0.00	5.00
S5ADLAM	6964	0.01	0.16	0.00	5.00
S6ADLAM	7242	0.00	0.10	0.00	5.00
S7ADLAM	6560	0.00	0.09	0.00	5.00
R1ADLWA	11908	0.27	0.62	0.00	3.00
R2ADLWA	9429	0.28	0.64	0.00	3.00
R3ADLWA	9767	0.26	0.63	0.00	3.00
R4ADLWA	11041	0.26	0.62	0.00	3.00
R5ADLWA	10266	0.25	0.63	0.00	3.00
R6ADLWA	10596	0.25	0.63	0.00	3.00
R7ADLWA	9664	0.24	0.61	0.00	3.00
S1ADLWA	7936	0.22	0.58	0.00	3.00
S2ADLWA	6175	0.23	0.60	0.00	3.00
S3ADLWA	6384	0.20	0.56	0.00	3.00
S4ADLWA	7394	0.20	0.55	0.00	3.00
S5ADLWA	6957	0.19	0.54	0.00	3.00
S6ADLWA	7239	0.19	0.54	0.00	3.00
S7ADLWA	6558	0.18	0.53	0.00	3.00
R1ADLWAM	12099	0.05	0.37	0.00	3.00
R2ADLWAM	9432	0.00	0.05	0.00	3.00
R3ADLWAM	9771	0.00	0.06	0.00	3.00
R4ADLWAM	11050	0.00	0.09	0.00	3.00

R5ADLWAM	10274	0.00	0.08	0.00	3.00
R6ADLWAM	10601	0.00	0.07	0.00	3.00
R7ADLWAM	9666	0.00	0.04	0.00	3.00
S1ADLWAM	8070	0.05	0.38	0.00	3.00
S2ADLWAM	6178	0.00	0.07	0.00	3.00
S3ADLWAM	6386	0.00	0.05	0.00	3.00
S4ADLWAM	7402	0.00	0.10	0.00	3.00
S5ADLWAM	6964	0.00	0.10	0.00	3.00
S6ADLWAM	7242	0.00	0.06	0.00	3.00
S7ADLWAM	6560	0.00	0.05	0.00	3.00

How Constructed

Two Activities of Daily Living (ADL) summaries are derived. One uses the ADLs proposed by Wallace and Herzog in the paper Wallace and Herzog, 1995 to define an ADL summary: RwADLWA: bathe, dress, and eat. The second includes these and adds getting in/out of bed and walking across a room: RwADLA. In all waves, the "some difficulty" versions of the individual measures are used to construct these measures, i.e., RwWALKRA, RwBEDA, RwBATHA, RwDRESSA, and RwEATA variables are used. Each limitation adds one to the summary measure, that is:

RwADLWA = sum (RwBATHA, RwDRESSA, RwEATA)

RwADLA = sum (RwBATHA, RwDRESSA, RwEATA, RwBEDA, RwWALKRA)

SwADLWA and SwADLA are taken directly from the spouse’s responses to RwADLWA and RwADLA, respectively. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwADLWAM indicates how many individual measures used to derive RwADLWA are missing.

SwADLWAM indicates how many individual measures used to derive SwADLWA are missing. SwADLAM is taken directly from the spouse’s values of RwADLWAM. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Please see "Activities of Daily Living (ADLs): Some difficulty" for a description of how the individual dummy variables (RwBATHA, RwDRESSA, RwEATA, RwBEDA, and RwWALKRA) are constructed.

A special missing value of .p is used when at least one of the component measures was skipped because the interview was by proxy.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

Wave 1 Core:

HEADB01	because of a health or memory problem, do you have any
HEADB02	because of a health or memory problem, do you have any
HEADB03	because of a health or memory problem, do you have any
HEADB04	because of a health or memory problem, do you have any
HEADB05	because of a health or memory problem, do you have any
HEADB06	because of a health or memory problem, do you have any
HEADB10	because of a health or memory problem, do you have any
HEADB11	because of a health or memory problem, do you have any

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    HEADB12         because of a health or memory  problem, do you have any
    HEADB13         because of a health or memory  problem, do you have any
    HEADB14         because of a health or memory  problem, do you have any
Wave 2 Core:
    HEADB01         iadl: activity has problem with due to health/physical p
    HEADB02         iadl: activity has problem with due to health/physical p
    HEADB03         iadl: activity has problem with due to health/physical p
    HEADB04         iadl: activity has problem with due to health/physical p
    HEADB05         iadl: activity has problem with due to health/physical p
    HEADB06         iadl: activity has problem with due to health/physical p
    HEADB07         iadl: activity has problem with due to health/physical p
    HEADB08         iadl: activity has problem with due to health/physical p
    HEADB09         iadl: activity has problem with due to health/physical p
    HEADB10         iadl: activity has problem with due to health/physical p
    HEADB11         iadl: activity has problem with due to health/physical p
    HEADB12         iadl: activity has problem with due to health/physical p
    HEADB13         iadl: activity has problem with due to health/physical p
Wave 3 Core:
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
Wave 4 Core:
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
Wave 5 Core:
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
Wave 6 Core:
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
Wave 7 Core:
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
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IADL Summary: Sum IADLs Where Respondent Reports Any Difficulty

Wave	Variable	Label	Type
1	R1IADLA	r1iadla:w1 R Some Diff-IADLs: /0-3	Cont
2	R2IADLA	r2iadla:w2 R Some Diff-IADLs: /0-3	Cont
3	R3IADLA	r3iadla:w3 R Some Diff-IADLs: /0-3	Cont
4	R4IADLA	r4iadla:w4 R Some Diff-IADLs: /0-3	Cont
5	R5IADLA	r5iadla:w5 R Some Diff-IADLs: /0-3	Cont
6	R6IADLA	r6iadla:w6 R Some Diff-IADLs: /0-3	Cont
7	R7IADLA	r7iadla:w7 R Some Diff-IADLs: /0-3	Cont
1	S1IADLA	s1iadla:w1 S Some Diff-IADLs: /0-3	Cont
2	S2IADLA	s2iadla:w2 S Some Diff-IADLs: /0-3	Cont
3	S3IADLA	s3iadla:w3 S Some Diff-IADLs: /0-3	Cont
4	S4IADLA	s4iadla:w4 S Some Diff-IADLs: /0-3	Cont
5	S5IADLA	s5iadla:w5 S Some Diff-IADLs: /0-3	Cont
6	S6IADLA	s6iadla:w6 S Some Diff-IADLs: /0-3	Cont
7	S7IADLA	s7iadla:w7 S Some Diff-IADLs: /0-3	Cont
1	R1IADLAM	r1iadlam:w1 R Missings in Some Diff-IADLs: /0-3	Cont
2	R2IADLAM	r2iadlam:w2 R Missings in Some Diff-IADLs: /0-3	Cont
3	R3IADLAM	r3iadlam:w3 R Missings in Some Diff-IADLs: /0-3	Cont
4	R4IADLAM	r4iadlam:w4 R Missings in Some Diff-IADLs: /0-3	Cont
5	R5IADLAM	r5iadlam:w5 R Missings in Some Diff-IADLs: /0-3	Cont
6	R6IADLAM	r6iadlam:w6 R Missings in Some Diff-IADLs: /0-3	Cont
7	R7IADLAM	r7iadlam:w7 R Missings in Some Diff-IADLs: /0-3	Cont
1	S1IADLAM	s1iadlam:w1 S Missings in Some Diff-IADLs: /0-3	Cont
2	S2IADLAM	s2iadlam:w2 S Missings in Some Diff-IADLs: /0-3	Cont
3	S3IADLAM	s3iadlam:w3 S Missings in Some Diff-IADLs: /0-3	Cont
4	S4IADLAM	s4iadlam:w4 S Missings in Some Diff-IADLs: /0-3	Cont
5	S5IADLAM	s5iadlam:w5 S Missings in Some Diff-IADLs: /0-3	Cont
6	S6IADLAM	s6iadlam:w6 S Missings in Some Diff-IADLs: /0-3	Cont
7	S7IADLAM	s7iadlam:w7 S Missings in Some Diff-IADLs: /0-3	Cont
1	R1IADLZA	r1iadlza:w1 R Some Diff-IADLs: /0-5	Cont
2	R2IADLZA	r2iadlza:w2 R Some Diff-IADLs: /0-5	Cont
3	R3IADLZA	r3iadlza:w3 R Some Diff-IADLs: /0-5	Cont
4	R4IADLZA	r4iadlza:w4 R Some Diff-IADLs: /0-5	Cont
5	R5IADLZA	r5iadlza:w5 R Some Diff-IADLs: /0-5	Cont
6	R6IADLZA	r6iadlza:w6 R Some Diff-IADLs: /0-5	Cont
7	R7IADLZA	r7iadlza:w7 R Some Diff-IADLs: /0-5	Cont
1	S1IADLZA	s1iadlza:w1 S Some Diff-IADLs: /0-5	Cont
2	S2IADLZA	s2iadlza:w2 S Some Diff-IADLs: /0-5	Cont
3	S3IADLZA	s3iadlza:w3 S Some Diff-IADLs: /0-5	Cont
4	S4IADLZA	s4iadlza:w4 S Some Diff-IADLs: /0-5	Cont
5	S5IADLZA	s5iadlza:w5 S Some Diff-IADLs: /0-5	Cont
6	S6IADLZA	s6iadlza:w6 S Some Diff-IADLs: /0-5	Cont
7	S7IADLZA	s7iadlza:w7 S Some Diff-IADLs: /0-5	Cont
1	R1IADLZAM	r1iadlzam:w1 R Missings in Some Diff-IADLs: /0-5	Cont
2	R2IADLZAM	r2iadlzam:w2 R Missings in Some Diff-IADLs: /0-5	Cont
3	R3IADLZAM	r3iadlzam:w3 R Missings in Some Diff-IADLs: /0-5	Cont
4	R4IADLZAM	r4iadlzam:w4 R Missings in Some Diff-IADLs: /0-5	Cont
5	R5IADLZAM	r5iadlzam:w5 R Missings in Some Diff-IADLs: /0-5	Cont
6	R6IADLZAM	r6iadlzam:w6 R Missings in Some Diff-IADLs: /0-5	Cont
7	R7IADLZAM	r7iadlzam:w7 R Missings in Some Diff-IADLs: /0-5	Cont
1	S1IADLZAM	s1iadlzam:w1 S Missings in Some Diff-IADLs: /0-5	Cont

2	S2IADLZAM	s2iadlzam:w2 S Missings in Some Diff-IADLs: /0-5	Cont
3	S3IADLZAM	s3iadlzam:w3 S Missings in Some Diff-IADLs: /0-5	Cont
4	S4IADLZAM	s4iadlzam:w4 S Missings in Some Diff-IADLs: /0-5	Cont
5	S5IADLZAM	s5iadlzam:w5 S Missings in Some Diff-IADLs: /0-5	Cont
6	S6IADLZAM	s6iadlzam:w6 S Missings in Some Diff-IADLs: /0-5	Cont
7	S7IADLZAM	s7iadlzam:w7 S Missings in Some Diff-IADLs: /0-5	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1IADLA	11908	0.06	0.29	0.00	3.00
R2IADLA	9429	0.08	0.37	0.00	3.00
R3IADLA	9767	0.09	0.40	0.00	3.00
R4IADLA	11041	0.08	0.40	0.00	3.00
R5IADLA	10266	0.10	0.43	0.00	3.00
R6IADLA	10596	0.09	0.44	0.00	3.00
R7IADLA	9664	0.09	0.44	0.00	3.00
S1IADLA	7936	0.05	0.27	0.00	3.00
S2IADLA	6175	0.07	0.35	0.00	3.00
S3IADLA	6384	0.06	0.32	0.00	3.00
S4IADLA	7394	0.06	0.33	0.00	3.00
S5IADLA	6957	0.07	0.35	0.00	3.00
S6IADLA	7239	0.07	0.37	0.00	3.00
S7IADLA	6558	0.06	0.35	0.00	3.00
R1IADLAM	12099	0.05	0.37	0.00	3.00
R2IADLAM	9432	0.00	0.05	0.00	3.00
R3IADLAM	9771	0.00	0.06	0.00	3.00
R4IADLAM	11050	0.00	0.09	0.00	3.00
R5IADLAM	10274	0.00	0.08	0.00	3.00
R6IADLAM	10601	0.00	0.07	0.00	3.00
R7IADLAM	9666	0.00	0.04	0.00	3.00
S1IADLAM	8070	0.05	0.38	0.00	3.00
S2IADLAM	6178	0.00	0.07	0.00	3.00
S3IADLAM	6386	0.00	0.05	0.00	3.00
S4IADLAM	7402	0.00	0.10	0.00	3.00
S5IADLAM	6964	0.00	0.10	0.00	3.00
S6IADLAM	7242	0.00	0.06	0.00	3.00
S7IADLAM	6560	0.00	0.05	0.00	3.00
R1IADLZA	11908	0.19	0.61	0.00	5.00
R2IADLZA	9429	0.23	0.71	0.00	5.00
R3IADLZA	9767	0.23	0.76	0.00	5.00
R4IADLZA	11041	0.22	0.74	0.00	5.00
R5IADLZA	10266	0.24	0.79	0.00	5.00
R6IADLZA	10596	0.24	0.80	0.00	5.00
R7IADLZA	9664	0.24	0.80	0.00	5.00
S1IADLZA	7936	0.15	0.55	0.00	5.00
S2IADLZA	6175	0.18	0.65	0.00	5.00
S3IADLZA	6384	0.16	0.62	0.00	5.00
S4IADLZA	7394	0.16	0.61	0.00	5.00
S5IADLZA	6957	0.16	0.63	0.00	5.00
S6IADLZA	7239	0.16	0.65	0.00	5.00
S7IADLZA	6558	0.16	0.63	0.00	5.00
R1IADLZAM	12099	0.08	0.62	0.00	5.00
R2IADLZAM	9432	0.00	0.09	0.00	5.00
R3IADLZAM	9771	0.00	0.10	0.00	5.00
R4IADLZAM	11050	0.00	0.14	0.00	5.00

R5IADLZAM	10274	0.00	0.14	0.00	5.00
R6IADLZAM	10601	0.00	0.11	0.00	5.00
R7IADLZAM	9666	0.00	0.07	0.00	5.00
S1IADLZAM	8070	0.08	0.64	0.00	5.00
S2IADLZAM	6178	0.00	0.11	0.00	5.00
S3IADLZAM	6386	0.00	0.09	0.00	5.00
S4IADLZAM	7402	0.01	0.16	0.00	5.00
S5IADLZAM	6964	0.01	0.16	0.00	5.00
S6IADLZAM	7242	0.00	0.10	0.00	5.00
S7IADLZAM	6560	0.00	0.09	0.00	5.00

How Constructed

Two Instrumental Activities of Daily Living (IADL) summaries are derived. One (RwIADLA) summarizes the commonly used IADLs, using the phone, managing money, and taking medications. The second (RwIADLZA) summarizes these tasks and adds these other commonly used IADLs: shopping for groceries and preparing hot meals. All of these summary measures use the "some difficulty" versions of the individual items. Each limitation adds one to the summary measure, that is:

RwIADLA = sum (RwPHONEA, RwMONEYA, RwMEDSA)

RwIADLZA = sum (RwPHONEA, RwMONEYA, RwMEDSA, RwSHOPA, RwMEALSA)

SwIADLA and SwIADLZA are taken directly from the spouse’s values of RwIADLA and RwIADLZA, respectively. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwIADLAM indicates how many individual measures used to derive RwIADLA are missing.

SwIADLAM indicates how many individual measures used to derive SwIADLA are missing. SwIADLAM is taken directly from the spouse’s values of RwIADLAM. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Please see "Instrumental Activities of Daily Living (IADLs): Some difficulty" for a description of how the individual dummy variables (RwPHONEA, RwMONEYA, RwMEDSA, RwSHOPA, and RwMEALSA) are constructed.

A special missing value of .p is used when at least one of the component measures was skipped because the interview was by proxy.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

Wave 1 Core:

HEADB01	because of a health or memory problem, do you have any
HEADB02	because of a health or memory problem, do you have any
HEADB03	because of a health or memory problem, do you have any
HEADB04	because of a health or memory problem, do you have any
HEADB05	because of a health or memory problem, do you have any
HEADB06	because of a health or memory problem, do you have any
HEADB07	because of a health or memory problem, do you have any
HEADB08	because of a health or memory problem, do you have any
HEADB09	because of a health or memory problem, do you have any

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    HEADB10         because of a health or memory  problem, do you have any
    HEADB11         because of a health or memory  problem, do you have any
    HEADB12         because of a health or memory  problem, do you have any
    HEADB13         because of a health or memory  problem, do you have any
    HEADB14         because of a health or memory  problem, do you have any
Wave 2 Core:
    HEADB01         iadl: activity has problem with due to health/physical p
    HEADB02         iadl: activity has problem with due to health/physical p
    HEADB03         iadl: activity has problem with due to health/physical p
    HEADB04         iadl: activity has problem with due to health/physical p
    HEADB05         iadl: activity has problem with due to health/physical p
    HEADB06         iadl: activity has problem with due to health/physical p
    HEADB07         iadl: activity has problem with due to health/physical p
    HEADB08         iadl: activity has problem with due to health/physical p
    HEADB09         iadl: activity has problem with due to health/physical p
    HEADB10         iadl: activity has problem with due to health/physical p
    HEADB11         iadl: activity has problem with due to health/physical p
    HEADB12         iadl: activity has problem with due to health/physical p
    HEADB13         iadl: activity has problem with due to health/physical p
Wave 3 Core:
    HEADLMA         iadl: difficulty using map to figure out how to get arou
    HEADLME         iadl: difficulty taking medications
    HEADLMO         iadl: difficulty managing money, eg paying bills,keeping
    HEADLPH         iadl: difficulty making telephone calls
    HEADLPR         iadl: difficulty preparing a hot meal
    HEADLSH         iadl: difficulty shopping for groceries
Wave 4 Core:
    HEADLMA         iadl: difficulty using map to figure out how to get arou
    HEADLME         iadl: taking medications
    HEADLMO         iadl: managing money, such as bills and expenses
    HEADLPR         iadl: preparing a hot meal
    HEADLSH         iadl: shopping for groceries
    HEADLTE         iadl: making telephone calls
Wave 5 Core:
    HEADLMA         iadl: difficulty using map to figure out how to get arou
    HEADLME         iadl: difficulty taking medications
    HEADLMO         iadl: difficulty managing money, eg paying bills,keeping
    HEADLPH         iadl: difficulty making telephone calls
    HEADLPR         iadl: difficulty preparing a hot meal
    HEADLSH         iadl: difficulty shopping for groceries
Wave 6 Core:
    HEADLMA         iadl: difficulty using map to figure out how to get arou
    HEADLME         iadl: difficulty taking medications
    HEADLMO          managing money, such as paying bills and keeping track
    HEADLPH         iadl: difficulty making telephone calls
    HEADLPR         iadl: difficulty preparing a hot meal
    HEADLSH         iadl: difficulty shopping for groceries
Wave 7 Core:
    HEADLMA         iadl: difficulty using map to figure out how to get arou
    HEADLME         iadl: difficulty taking medications
    HEADLMO          managing money, such as paying bills and keeping track
    HEADLPH         iadl: difficulty making telephone calls
    HEADLPR         iadl: difficulty preparing a hot meal
    HEADLSH         iadl: difficulty shopping for groceries
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Other Summary Indices: Mobility, Large Muscle, Gross Fine Motor Activities

Wave	Variable	Label	Type
1	R1MOBILB	r1mobilb:w1 R Some Diff-Mobility /0-4	Cont
2	R2MOBILB	r2mobilb:w2 R Some Diff-Mobility /0-4	Cont
3	R3MOBILB	r3mobilb:w3 R Some Diff-Mobility /0-4	Cont
4	R4MOBILB	r4mobilb:w4 R Some Diff-Mobility /0-4	Cont
5	R5MOBILB	r5mobilb:w5 R Some Diff-Mobility /0-4	Cont
6	R6MOBILB	r6mobilb:w6 R Some Diff-Mobility /0-4	Cont
7	R7MOBILB	r7mobilb:w7 R Some Diff-Mobility /0-4	Cont
1	S1MOBILB	s1mobilb:w1 S Some Diff-Mobility /0-4	Cont
2	S2MOBILB	s2mobilb:w2 S Some Diff-Mobility /0-4	Cont
3	S3MOBILB	s3mobilb:w3 S Some Diff-Mobility /0-4	Cont
4	S4MOBILB	s4mobilb:w4 S Some Diff-Mobility /0-4	Cont
5	S5MOBILB	s5mobilb:w5 S Some Diff-Mobility /0-4	Cont
6	S6MOBILB	s6mobilb:w6 S Some Diff-Mobility /0-4	Cont
7	S7MOBILB	s7mobilb:w7 S Some Diff-Mobility /0-4	Cont
1	R1MOBILBM	r1mobilbm:w1 R Missings in Some Diff-Mobility /0-4	Cont
2	R2MOBILBM	r2mobilbm:w2 R Missings in Some Diff-Mobility /0-4	Cont
3	R3MOBILBM	r3mobilbm:w3 R Missings in Some Diff-Mobility /0-4	Cont
4	R4MOBILBM	r4mobilbm:w4 R Missings in Some Diff-Mobility /0-4	Cont
5	R5MOBILBM	r5mobilbm:w5 R Missings in Some Diff-Mobility /0-4	Cont
6	R6MOBILBM	r6mobilbm:w6 R Missings in Some Diff-Mobility /0-4	Cont
7	R7MOBILBM	r7mobilbm:w7 R Missings in Some Diff-Mobility /0-4	Cont
1	S1MOBILBM	s1mobilbm:w1 S Some Missings in Diff-Mobility /0-4	Cont
2	S2MOBILBM	s2mobilbm:w2 S Missings in Some Diff-Mobility /0-4	Cont
3	S3MOBILBM	s3mobilbm:w3 S Missings in Some Diff-Mobility /0-4	Cont
4	S4MOBILBM	s4mobilbm:w4 S Missings in Some Diff-Mobility /0-4	Cont
5	S5MOBILBM	s5mobilbm:w5 S Missings in Some Diff-Mobility /0-4	Cont
6	S6MOBILBM	s6mobilbm:w6 S Missings in Some Diff-Mobility /0-4	Cont
7	S7MOBILBM	s7mobilbm:w7 S Missings in Some Diff-Mobility /0-4	Cont
1	R1LGMUSA	r1lgmusa:w1 R Some Diff-Large muscle /0-4	Cont
2	R2LGMUSA	r2lgmusa:w2 R Some Diff-Large muscle /0-4	Cont
3	R3LGMUSA	r3lgmusa:w3 R Some Diff-Large muscle /0-4	Cont
4	R4LGMUSA	r4lgmusa:w4 R Some Diff-Large muscle /0-4	Cont
5	R5LGMUSA	r5lgmusa:w5 R Some Diff-Large muscle /0-4	Cont
6	R6LGMUSA	r6lgmusa:w6 R Some Diff-Large muscle /0-4	Cont
7	R7LGMUSA	r7lgmusa:w7 R Some Diff-Large muscle /0-4	Cont
1	S1LGMUSA	s1lgmusa:w1 S Some Diff-Large muscle /0-4	Cont
2	S2LGMUSA	s2lgmusa:w2 S Some Diff-Large muscle /0-4	Cont
3	S3LGMUSA	s3lgmusa:w3 S Some Diff-Large muscle /0-4	Cont
4	S4LGMUSA	s4lgmusa:w4 S Some Diff-Large muscle /0-4	Cont
5	S5LGMUSA	s5lgmusa:w5 S Some Diff-Large muscle /0-4	Cont
6	S6LGMUSA	s6lgmusa:w6 S Some Diff-Large muscle /0-4	Cont
7	S7LGMUSA	s7lgmusa:w7 S Some Diff-Large muscle /0-4	Cont
1	R1LGMUSAM	r1lgmusam:w1 R Missings in Some Diff-Large muscle /0-4	Cont
2	R2LGMUSAM	r2lgmusam:w2 R Missings in Some Diff-Large muscle /0-4	Cont
3	R3LGMUSAM	r3lgmusam:w3 R Missings in Some Diff-Large muscle /0-4	Cont
4	R4LGMUSAM	r4lgmusam:w4 R Missings in Some Diff-Large muscle /0-4	Cont
5	R5LGMUSAM	r5lgmusam:w5 R Missings in Some Diff-Large muscle /0-4	Cont
6	R6LGMUSAM	r6lgmusam:w6 R Missings in Some Diff-Large muscle /0-4	Cont
7	R7LGMUSAM	r7lgmusam:w7 R Missings in Some Diff-Large muscle /0-4	Cont
1	S1LGMUSAM	s1lgmusam:w1 S Missings in Some Diff-Large muscle /0-4	Cont

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2  S2LGMUSAM     s2lgmusam:w2 S Missings in Some Diff-Large muscle /0-4        Cont
3  S3LGMUSAM     s3lgmusam:w3 S Missings in Some Diff-Large muscle /0-4        Cont
4  S4LGMUSAM     s4lgmusam:w4 S Missings in Some Diff-Large muscle /0-4        Cont
5  S5LGMUSAM     s5lgmusam:w5 S Missings in Some Diff-Large muscle /0-4        Cont
6  S6LGMUSAM     s6lgmusam:w6 S Missings in Some Diff-Large muscle /0-4        Cont
7  S7LGMUSAM     s7lgmusam:w7 S Missings in Some Diff-Large muscle /0-4        Cont

1  R1GROSSA      r1grossa:w1 R Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont
2  R2GROSSA      r2grossa:w2 R Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont
3  R3GROSSA      r3grossa:w3 R Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont
4  R4GROSSA      r4grossa:w4 R Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont
5  R5GROSSA      r5grossa:w5 R Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont
6  R6GROSSA      r6grossa:w6 R Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont
7  R7GROSSA      r7grossa:w7 R Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont

1  S1GROSSA      s1grossa:w1 S Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont
2  S2GROSSA      s2grossa:w2 S Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont
3  S3GROSSA      s3grossa:w3 S Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont
4  S4GROSSA      s4grossa:w4 S Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont
5  S5GROSSA      s5grossa:w5 S Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont
6  S6GROSSA      s6grossa:w6 S Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont
7  S7GROSSA      s7grossa:w7 S Some Diff-Wk,rn,clmb,bd,bth /0-5                Cont

1  R1GROSSAM     r1grossam:w1 R Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont
2  R2GROSSAM     r2grossam:w2 R Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont
3  R3GROSSAM     r3grossam:w3 R Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont
4  R4GROSSAM     r4grossam:w4 R Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont
5  R5GROSSAM     r5grossam:w5 R Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont
6  R6GROSSAM     r6grossam:w6 R Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont
7  R7GROSSAM     r7grossam:w7 R Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont

1  S1GROSSAM     s1grossam:w1 S Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont
2  S2GROSSAM     s2grossam:w2 S Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont
3  S3GROSSAM     s3grossam:w3 S Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont
4  S4GROSSAM     s4grossam:w4 S Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont
5  S5GROSSAM     s5grossam:w5 S Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont
6  S6GROSSAM     s6grossam:w6 S Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont
7  S7GROSSAM     s7grossam:w7 S Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5   Cont

1  R1FINEA       r1finea:w1 R Some Diff-Dime/eat/dress /0-3                    Cont
2  R2FINEA       r2finea:w2 R Some Diff-Dime/eat/dress /0-3                    Cont
3  R3FINEA       r3finea:w3 R Some Diff-Dime/eat/dress /0-3                    Cont
4  R4FINEA       r4finea:w4 R Some Diff-Dime/eat/dress /0-3                    Cont
5  R5FINEA       r5finea:w5 R Some Diff-Dime/eat/dress /0-3                    Cont
6  R6FINEA       r6finea:w6 R Some Diff-Dime/eat/dress /0-3                    Cont
7  R7FINEA       r7finea:w7 R Some Diff-Dime/eat/dress /0-3                    Cont

1  S1FINEA       s1finea:w1 S Some Diff-Dime/eat/dress /0-3                    Cont
2  S2FINEA       s2finea:w2 S Some Diff-Dime/eat/dress /0-3                    Cont
3  S3FINEA       s3finea:w3 S Some Diff-Dime/eat/dress /0-3                    Cont
4  S4FINEA       s4finea:w4 S Some Diff-Dime/eat/dress /0-3                    Cont
5  S5FINEA       s5finea:w5 S Some Diff-Dime/eat/dress /0-3                    Cont
6  S6FINEA       s6finea:w6 S Some Diff-Dime/eat/dress /0-3                    Cont
7  S7FINEA       s7finea:w7 S Some Diff-Dime/eat/dress /0-3                    Cont

1  R1FINEAM      r1fineam:w1 R Missings in Some Diff-Dime/eat/dress /0-3       Cont
2  R2FINEAM      r2fineam:w2 R Missings in Some Diff-Dime/eat/dress /0-3       Cont
3  R3FINEAM      r3fineam:w3 R Missings in Some Diff-Dime/eat/dress /0-3       Cont
4  R4FINEAM      r4fineam:w4 R Missings in Some Diff-Dime/eat/dress /0-3       Cont
5  R5FINEAM      r5fineam:w5 R Missings in Some Diff-Dime/eat/dress /0-3       Cont
6  R6FINEAM      r6fineam:w6 R Missings in Some Diff-Dime/eat/dress /0-3       Cont
7  R7FINEAM      r7fineam:w7 R Missings in Some Diff-Dime/eat/dress /0-3       Cont
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1	S1FINEAM	s1fineam:w1 S Missings in Some Diff-Dime/eat/dress /0-3	Cont
2	S2FINEAM	s2fineam:w2 S Missings in Some Diff-Dime/eat/dress /0-3	Cont
3	S3FINEAM	s3fineam:w3 S Missings in Some Diff-Dime/eat/dress /0-3	Cont
4	S4FINEAM	s4fineam:w4 S Missings in Some Diff-Dime/eat/dress /0-3	Cont
5	S5FINEAM	s5fineam:w5 S Missings in Some Diff-Dime/eat/dress /0-3	Cont
6	S6FINEAM	s6fineam:w6 S Missings in Some Diff-Dime/eat/dress /0-3	Cont
7	S7FINEAM	s7fineam:w7 S Missings in Some Diff-Dime/eat/dress /0-3	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MOBILB	11908	0.66	1.04	0.00	4.00
R2MOBILB	9430	0.69	1.05	0.00	4.00
R3MOBILB	9769	0.64	1.04	0.00	4.00
R4MOBILB	11041	0.64	1.02	0.00	4.00
R5MOBILB	10266	0.67	1.07	0.00	4.00
R6MOBILB	10597	0.65	1.08	0.00	4.00
R7MOBILB	9664	0.63	1.08	0.00	4.00
S1MOBILB	7936	0.56	0.96	0.00	4.00
S2MOBILB	6176	0.58	0.98	0.00	4.00
S3MOBILB	6386	0.51	0.94	0.00	4.00
S4MOBILB	7394	0.51	0.91	0.00	4.00
S5MOBILB	6957	0.53	0.96	0.00	4.00
S6MOBILB	7240	0.51	0.96	0.00	4.00
S7MOBILB	6558	0.50	0.96	0.00	4.00
R1MOBILBM	12099	0.06	0.50	0.00	4.00
R2MOBILBM	9432	0.00	0.07	0.00	4.00
R3MOBILBM	9771	0.00	0.07	0.00	4.00
R4MOBILBM	11050	0.00	0.12	0.00	4.00
R5MOBILBM	10274	0.00	0.12	0.00	4.00
R6MOBILBM	10601	0.00	0.08	0.00	4.00
R7MOBILBM	9666	0.00	0.06	0.00	4.00
S1MOBILBM	8070	0.07	0.51	0.00	4.00
S2MOBILBM	6178	0.00	0.08	0.00	4.00
S3MOBILBM	6386	0.00	0.04	0.00	3.00
S4MOBILBM	7402	0.00	0.13	0.00	4.00
S5MOBILBM	6964	0.00	0.13	0.00	4.00
S6MOBILBM	7242	0.00	0.08	0.00	4.00
S7MOBILBM	6560	0.00	0.07	0.00	4.00
R1LGMUSA	11908	0.93	1.24	0.00	4.00
R2LGMUSA	9429	0.98	1.25	0.00	4.00
R3LGMUSA	9767	0.92	1.24	0.00	4.00
R4LGMUSA	11040	0.89	1.21	0.00	4.00
R5LGMUSA	10265	0.94	1.24	0.00	4.00
R6LGMUSA	10596	0.92	1.24	0.00	4.00
R7LGMUSA	9664	0.90	1.23	0.00	4.00
S1LGMUSA	7936	0.82	1.19	0.00	4.00
S2LGMUSA	6175	0.87	1.20	0.00	4.00
S3LGMUSA	6385	0.77	1.17	0.00	4.00
S4LGMUSA	7394	0.76	1.13	0.00	4.00
S5LGMUSA	6957	0.79	1.16	0.00	4.00
S6LGMUSA	7239	0.80	1.17	0.00	4.00
S7LGMUSA	6558	0.78	1.16	0.00	4.00
R1LGMUSAM	12099	0.06	0.50	0.00	4.00
R2LGMUSAM	9432	0.00	0.07	0.00	4.00
R3LGMUSAM	9771	0.00	0.08	0.00	4.00

R4LGMUSAM	11050	0.00	0.12	0.00	4.00
R5LGMUSAM	10274	0.00	0.12	0.00	4.00
R6LGMUSAM	10601	0.00	0.09	0.00	4.00
R7LGMUSAM	9666	0.00	0.06	0.00	4.00
S1LGMUSAM	8070	0.07	0.51	0.00	4.00
S2LGMUSAM	6178	0.00	0.09	0.00	4.00
S3LGMUSAM	6386	0.00	0.05	0.00	4.00
S4LGMUSAM	7402	0.00	0.13	0.00	4.00
S5LGMUSAM	6964	0.00	0.13	0.00	4.00
S6LGMUSAM	7242	0.00	0.08	0.00	4.00
S7LGMUSAM	6560	0.00	0.07	0.00	4.00
R1GROSSA	11908	0.49	1.09	0.00	5.00
R2GROSSA	9430	0.50	1.10	0.00	5.00
R3GROSSA	9769	0.47	1.08	0.00	5.00
R4GROSSA	11041	0.45	1.04	0.00	5.00
R5GROSSA	10266	0.48	1.09	0.00	5.00
R6GROSSA	10597	0.48	1.10	0.00	5.00
R7GROSSA	9664	0.48	1.10	0.00	5.00
S1GROSSA	7936	0.39	1.00	0.00	5.00
S2GROSSA	6176	0.40	1.02	0.00	5.00
S3GROSSA	6386	0.35	0.95	0.00	5.00
S4GROSSA	7394	0.33	0.90	0.00	5.00
S5GROSSA	6957	0.35	0.94	0.00	5.00
S6GROSSA	7240	0.35	0.94	0.00	5.00
S7GROSSA	6558	0.36	0.95	0.00	5.00
R1GROSSAM	12099	0.08	0.62	0.00	5.00
R2GROSSAM	9432	0.00	0.08	0.00	5.00
R3GROSSAM	9771	0.00	0.09	0.00	5.00
R4GROSSAM	11050	0.00	0.14	0.00	5.00
R5GROSSAM	10274	0.00	0.14	0.00	5.00
R6GROSSAM	10601	0.00	0.10	0.00	5.00
R7GROSSAM	9666	0.00	0.07	0.00	5.00
S1GROSSAM	8070	0.08	0.64	0.00	5.00
S2GROSSAM	6178	0.00	0.10	0.00	5.00
S3GROSSAM	6386	0.00	0.06	0.00	3.00
S4GROSSAM	7402	0.01	0.16	0.00	5.00
S5GROSSAM	6964	0.01	0.16	0.00	5.00
S6GROSSAM	7242	0.00	0.09	0.00	5.00
S7GROSSAM	6560	0.00	0.09	0.00	5.00
R1FINEA	11908	0.20	0.51	0.00	3.00
R2FINEA	9430	0.21	0.53	0.00	3.00
R3FINEA	9769	0.20	0.53	0.00	3.00
R4FINEA	11041	0.21	0.53	0.00	3.00
R5FINEA	10266	0.21	0.55	0.00	3.00
R6FINEA	10597	0.21	0.54	0.00	3.00
R7FINEA	9664	0.21	0.54	0.00	3.00
S1FINEA	7936	0.17	0.48	0.00	3.00
S2FINEA	6176	0.18	0.50	0.00	3.00
S3FINEA	6386	0.17	0.48	0.00	3.00
S4FINEA	7394	0.17	0.48	0.00	3.00
S5FINEA	6957	0.17	0.48	0.00	3.00
S6FINEA	7240	0.17	0.48	0.00	3.00
S7FINEA	6558	0.16	0.46	0.00	3.00
R1FINEAM	12099	0.05	0.37	0.00	3.00
R2FINEAM	9432	0.00	0.05	0.00	3.00

R3FINEAM	9771	0.00	0.05	0.00	3.00
R4FINEAM	11050	0.00	0.09	0.00	3.00
R5FINEAM	10274	0.00	0.08	0.00	3.00
R6FINEAM	10601	0.00	0.06	0.00	3.00
R7FINEAM	9666	0.00	0.04	0.00	3.00
S1FINEAM	8070	0.05	0.38	0.00	3.00
S2FINEAM	6178	0.00	0.06	0.00	3.00
S3FINEAM	6386	0.00	0.04	0.00	2.00
S4FINEAM	7402	0.00	0.10	0.00	3.00
S5FINEAM	6964	0.00	0.10	0.00	3.00
S6FINEAM	7242	0.00	0.06	0.00	3.00
S7FINEAM	6560	0.00	0.05	0.00	3.00

How Constructed

Several summary measures for functional limitations are included in an attempt to provide some consistency across waves. Wallace and Herzog present summary measures in their paper (Wallace and Herzog, 1995) which include measures for ADLs, mobility, large muscle, and IADLs. For ADL and IADL summary measures, please see "ADL Summary" and "IADL Summary". The mobility and large muscle indices are included here. Two other groupings of the most consistent measures across waves are also included, namely gross and fine motor summaries.

The mobility index uses the walking 100 yards, walking across a room, climbing one flight of stairs, and climbing several flights of stairs activities. The large muscle index uses the sitting for 2 hrs, getting up from a chair, stooping, kneeling or crouching, and pushing or pulling large objects activities. The gross motor index uses the walking 100 yards, walking across a room, climbing one flight of stairs, getting in or out of bed, and bathing activities. The fine motor index uses the picking up a 5p coin, eating, and dressing activities. In all waves, the "some difficulty" versions of the individual measures are used to construct these measures. Each limitation adds one to the summary measure, that is:

RwMOBILB= sum (RwWALK100A, RwWALKRA, RwCLIMSA, RwCLIM1A)

RwLGMUSA= sum (RwSITA, RwCHAIRA, RwSTOOPA, RwPUSHA)

RwGROSSA = sum (RwWALK100A, RwWALKRA, RwCLIM1A, RwBEDA, RwBATHA)

RwFINEA= sum (RwDIMEA, RwEATA, RwDRESSA)

SwMOBILB, SwLGMUSA, SwGROSSA, and SwFINEA are taken directly from the spouse’s values for RwMOBILB, RwLGMUSA, RwGROSSA, and RwFINEA, respectively. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwMOBILBM indicates how many individual measures used to derive RwMOBILB are missing.

RwLGMUSAM indicates how many individual measures used to derive RwLGMUSA are missing.

RwGROSSAM indicates how many individual measures used to derive RwGROSSA are missing.

RwFINEAM indicates how many individual measures used to derive RwFINEA are missing.

SwMOBILBM, SwLGMUSAM, SwGROSSAM, and SwFINEAM are taken directly from the spouse’s values for RwMOBILBM, RwLGMUSAM, RwGROSSAM, and RwFINEAM, respectively. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Please see "Activities of Daily Living (ADLs): Some difficulty" for a description of how the individual dummy variables (RwWALKRA, RwBEDA, RwBATHA, RwEATA, and RwDRESSA) are constructed. See “Other Functional Limitations: Some difficulty” for a description of how the individual dummy variables (RwWALK100A, RwCLIMSA, RwCLIM1A, RwSITA, RwCHAIRA, RwSTOOPA, RwPUSHA, and RwDIMEA) are constructed.

A special missing value of .p is used when at least one of the component measures was skipped because the interview was by proxy.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

The HRS surveys difficulty walking with three questions: difficulty walking across a room, difficulty walking one block, and difficulty walking several blocks. The ELSA only uses two questions to survey difficulty with walking: difficulty walking across a room and difficulty walking 100 yards. This difference affects two of the summary indices. Unlike the RAND HRS variable RwMOBILA, RwMOBILB uses a scale of 0-4, instead of a scale of 0-5. Also in the Harmonized ELSA, RwGROSSA is computed using information about difficulty walking 100 yards (RwWALK100A), whereas in the RAND HRS, RwGROSSA is computed using whether the respondent reported any difficulty walking one block.

ELSA Variables Used

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Wave 1 Core:
    HEADA01        because of a health problem, do you have any difficultie
    HEADA02        show card l @/we need to understand difficulties people
    HEADA03        show card l @/we need to understand difficulties people
    HEADA04        because of a health problem, do you have any difficultie
    HEADA05        because of a health problem, do you have any difficultie
    HEADA06        because of a health problem, do you have any difficultie
    HEADA07        because of a health problem, do you have any difficultie
    HEADA08        because of a health problem, do you have any difficultie
    HEADA09        because of a health problem, do you have any difficultie
    HEADA10        because of a health problem, do you have any difficultie
    HEADA11        because of a health problem, do you have any difficultie
Wave 2 Core:
    HEADA01        adl: activity has problem with due to health/physical pr
    HEADA02        adl: activity has problem with due to health/physical pr
    HEADA03        adl: activity has problem with due to health/physical pr
    HEADA04        adl: activity has problem with due to health/physical pr
    HEADA05        adl: activity has problem with due to health/physical pr
    HEADA06        adl: activity has problem with due to health/physical pr
    HEADA07        adl: activity has problem with due to health/physical pr
    HEADA08        adl: activity has problem with due to health/physical pr
    HEADA09        adl: activity has problem with due to health/physical pr
    HEADA10        adl: activity has problem with due to health/physical pr
Wave 3 Core:
    HEMOBCH        mobility: difficulty getting up from chair after sitting
    HEMOBCL        mobility: difficulty climbing one flight stairs without
    HEMOBCS        mobility: difficulty climbing several flights stairs wit
    HEMOBLI        mobility: difficulty lifting or carrying weights over 10
    HEMOBPI        mobility: difficulty picking up 5p coin from table
    HEMOBPU        mobility: difficulty pulling or pushing large objects
    HEMOBRE        mobility: difficulty reaching or ectending arms above sh
    HEMOBSI        mobility: difficulty sitting 2 hours
    HEMOBST        mobility: difficulty stooping, kneeling or crouching
    HEMOBWA        mobility: difficulty walking 100 yards
Wave 4 Core:
    HEMOBCH        mobility: difficulty getting up from chair after sitting
    HEMOBCL        mobility: difficulty climbing one flight stairs without
    HEMOBCS        mobility: difficulty climbing several flights stairs wit
    HEMOBLI        mobility: difficulty lifting or carrying weights over 10
    HEMOBPI        mobility: difficulty picking up 5p coin from table
    HEMOBPU        mobility: difficulty pulling or pushing large objects
    HEMOBRE        mobility: difficulty reaching or extending arms above sh
    HEMOBSI        mobility: difficulty sitting 2 hours
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    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
Wave 5 Core:
    HEMOBCH         mobility: difficulty getting up from chair after sitting
    HEMOBCL         mobility: difficulty climbing one flight stairs without
    HEMOBCS         mobility: difficulty climbing several flights stairs wit
    HEMOBLI         mobility: difficulty lifting or carrying weights over 10
    HEMOBPI         mobility: difficulty picking up 5p coin from table
    HEMOBPU         mobility: difficulty pulling or pushing large objects
    HEMOBRE         mobility: difficulty reaching or ectending arms above sh
    HEMOBSI         mobility: difficulty sitting 2 hours
    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
Wave 6 Core:
    HEMOBCH         mobility: difficulty getting up from chair after sitting
    HEMOBCL         mobility: difficulty climbing one flight stairs without
    HEMOBCS         mobility: difficulty climbing several flights stairs wit
    HEMOBLI         mobility: difficulty lifting or carrying weights over 10
    HEMOBPI         mobility: difficulty picking up 5p coin from table
    HEMOBPU         mobility: difficulty pulling or pushing large objects
    HEMOBRE         mobility: difficulty reaching or ectending arms above sh
    HEMOBSI         mobility: difficulty sitting 2 hours
    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
Wave 7 Core:
    HEMOBCH         mobility: difficulty getting up from chair after sitting
    HEMOBCL         mobility: difficulty climbing one flight stairs without
    HEMOBCS         mobility: difficulty climbing several flights stairs wit
    HEMOBLI         mobility: difficulty lifting or carrying weights over 10
    HEMOBPI         mobility: difficulty picking up 5p coin from table
    HEMOBPU         mobility: difficulty pulling or pushing large objects
    HEMOBRE         mobility: difficulty reaching or ectending arms above sh
    HEMOBSI         mobility: difficulty sitting 2 hours
    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
```

Mental Health (CESD score)

Wave	Variable	Label	Type
1	R1DEPRES	r1depres:w1 r CESD: Felt depressed (0,1)	Categ
2	R2DEPRES	r2depres:w2 r CESD: Felt depressed (0,1)	Categ
3	R3DEPRES	r3depres:w3 r CESD: Felt depressed (0,1)	Categ
4	R4DEPRES	r4depres:w4 r CESD: Felt depressed (0,1)	Categ
5	R5DEPRES	r5depres:w5 r CESD: Felt depressed (0,1)	Categ
6	R6DEPRES	r6depres:w6 r CESD: Felt depressed (0,1)	Categ
7	R7DEPRES	r7depres:w7 r CESD: Felt depressed (0,1)	Categ
1	S1DEPRES	s1depres:w1 s CESD: Felt depressed (0,1)	Categ
2	S2DEPRES	s2depres:w2 s CESD: Felt depressed (0,1)	Categ
3	S3DEPRES	s3depres:w3 s CESD: Felt depressed (0,1)	Categ
4	S4DEPRES	s4depres:w4 s CESD: Felt depressed (0,1)	Categ
5	S5DEPRES	s5depres:w5 s CESD: Felt depressed (0,1)	Categ
6	S6DEPRES	s6depres:w6 s CESD: Felt depressed (0,1)	Categ
7	S7DEPRES	s7depres:w7 s CESD: Felt depressed (0,1)	Categ
1	R1EFFORT	r1effort:w1 r CESD: Everthing an effort (0,1)	Categ
2	R2EFFORT	r2effort:w2 r CESD: Everthing an effort (0,1)	Categ
3	R3EFFORT	r3effort:w3 r CESD: Everthing an effort (0,1)	Categ
4	R4EFFORT	r4effort:w4 r CESD: Everthing an effort (0,1)	Categ
5	R5EFFORT	r5effort:w5 r CESD: Everthing an effort (0,1)	Categ
6	R6EFFORT	r6effort:w6 r CESD: Everthing an effort (0,1)	Categ
7	R7EFFORT	r7effort:w7 r CESD: Everthing an effort (0,1)	Categ
1	S1EFFORT	s1effort:w1 s CESD: Everthing an effort (0,1)	Categ
2	S2EFFORT	s2effort:w2 s CESD: Everthing an effort (0,1)	Categ
3	S3EFFORT	s3effort:w3 s CESD: Everthing an effort (0,1)	Categ
4	S4EFFORT	s4effort:w4 s CESD: Everthing an effort (0,1)	Categ
5	S5EFFORT	s5effort:w5 s CESD: Everthing an effort (0,1)	Categ
6	S6EFFORT	s6effort:w6 s CESD: Everthing an effort (0,1)	Categ
7	S7EFFORT	s7effort:w7 s CESD: Everthing an effort (0,1)	Categ
1	R1SLEEPR	r1sleepr:w1 r CESD: Sleep was restless (0,1)	Categ
2	R2SLEEPR	r2sleepr:w2 r CESD: Sleep was restless (0,1)	Categ
3	R3SLEEPR	r3sleepr:w3 r CESD: Sleep was restless (0,1)	Categ
4	R4SLEEPR	r4sleepr:w4 r CESD: Sleep was restless (0,1)	Categ
5	R5SLEEPR	r5sleepr:w5 r CESD: Sleep was restless (0,1)	Categ
6	R6SLEEPR	r6sleepr:w6 r CESD: Sleep was restless (0,1)	Categ
7	R7SLEEPR	r7sleepr:w7 r CESD: Sleep was restless (0,1)	Categ
1	S1SLEEPR	s1sleepr:w1 s CESD: Sleep was restless (0,1)	Categ
2	S2SLEEPR	s2sleepr:w2 s CESD: Sleep was restless (0,1)	Categ
3	S3SLEEPR	s3sleepr:w3 s CESD: Sleep was restless (0,1)	Categ
4	S4SLEEPR	s4sleepr:w4 s CESD: Sleep was restless (0,1)	Categ
5	S5SLEEPR	s5sleepr:w5 s CESD: Sleep was restless (0,1)	Categ
6	S6SLEEPR	s6sleepr:w6 s CESD: Sleep was restless (0,1)	Categ
7	S7SLEEPR	s7sleepr:w7 s CESD: Sleep was restless (0,1)	Categ
1	R1WHAPPY	r1whappy:w1 r CESD: Was happy (0,1)	Categ
2	R2WHAPPY	r2whappy:w2 r CESD: Was happy (0,1)	Categ
3	R3WHAPPY	r3whappy:w3 r CESD: Was happy (0,1)	Categ
4	R4WHAPPY	r4whappy:w4 r CESD: Was happy (0,1)	Categ
5	R5WHAPPY	r5whappy:w5 r CESD: Was happy (0,1)	Categ
6	R6WHAPPY	r6whappy:w6 r CESD: Was happy (0,1)	Categ
7	R7WHAPPY	r7whappy:w7 r CESD: Was happy (0,1)	Categ
1	S1WHAPPY	s1whappy:w1 s CESD: Was happy (0,1)	Categ

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2  S2WHAPPY      s2whappy:w2 s CESD: Was happy (0,1)                          Categ
3  S3WHAPPY      s3whappy:w3 s CESD: Was happy (0,1)                          Categ
4  S4WHAPPY      s4whappy:w4 s CESD: Was happy (0,1)                          Categ
5  S5WHAPPY      s5whappy:w5 s CESD: Was happy (0,1)                          Categ
6  S6WHAPPY      s6whappy:w6 s CESD: Was happy (0,1)                          Categ
7  S7WHAPPY      s7whappy:w7 s CESD: Was happy (0,1)                          Categ

1  R1FLONE       r1flone:w1 r CESD: Felt lonely (0,1)                         Categ
2  R2FLONE       r2flone:w2 r CESD: Felt lonely (0,1)                         Categ
3  R3FLONE       r3flone:w3 r CESD: Felt lonely (0,1)                         Categ
4  R4FLONE       r4flone:w4 r CESD: Felt lonely (0,1)                         Categ
5  R5FLONE       r5flone:w5 r CESD: Felt lonely (0,1)                         Categ
6  R6FLONE       r6flone:w6 r CESD: Felt lonely (0,1)                         Categ
7  R7FLONE       r7flone:w7 r CESD: Felt lonely (0,1)                         Categ

1  S1FLONE       s1flone:w1 s CESD: Felt lonely (0,1)                         Categ
2  S2FLONE       s2flone:w2 s CESD: Felt lonely (0,1)                         Categ
3  S3FLONE       s3flone:w3 s CESD: Felt lonely (0,1)                         Categ
4  S4FLONE       s4flone:w4 s CESD: Felt lonely (0,1)                         Categ
5  S5FLONE       s5flone:w5 s CESD: Felt lonely (0,1)                         Categ
6  S6FLONE       s6flone:w6 s CESD: Felt lonely (0,1)                         Categ
7  S7FLONE       s7flone:w7 s CESD: Felt lonely (0,1)                         Categ

1  R1FSAD        r1fsad:w1 r CESD: Felt sad (0,1)                             Categ
2  R2FSAD        r2fsad:w2 r CESD: Felt sad (0,1)                             Categ
3  R3FSAD        r3fsad:w3 r CESD: Felt sad (0,1)                             Categ
4  R4FSAD        r4fsad:w4 r CESD: Felt sad (0,1)                             Categ
5  R5FSAD        r5fsad:w5 r CESD: Felt sad (0,1)                             Categ
6  R6FSAD        r6fsad:w6 r CESD: Felt sad (0,1)                             Categ
7  R7FSAD        r7fsad:w7 r CESD: Felt sad (0,1)                             Categ

1  S1FSAD        s1fsad:w1 s CESD: Felt sad (0,1)                             Categ
2  S2FSAD        s2fsad:w2 s CESD: Felt sad (0,1)                             Categ
3  S3FSAD        s3fsad:w3 s CESD: Felt sad (0,1)                             Categ
4  S4FSAD        s4fsad:w4 s CESD: Felt sad (0,1)                             Categ
5  S5FSAD        s5fsad:w5 s CESD: Felt sad (0,1)                             Categ
6  S6FSAD        s6fsad:w6 s CESD: Felt sad (0,1)                             Categ
7  S7FSAD        s7fsad:w7 s CESD: Felt sad (0,1)                             Categ

1  R1GOING       r1going:w1 r CESD: Could not get going (0,1)                 Categ
2  R2GOING       r2going:w2 r CESD: Could not get going (0,1)                 Categ
3  R3GOING       r3going:w3 r CESD: Could not get going (0,1)                 Categ
4  R4GOING       r4going:w4 r CESD: Could not get going (0,1)                 Categ
5  R5GOING       r5going:w5 r CESD: Could not get going (0,1)                 Categ
6  R6GOING       r6going:w6 r CESD: Could not get going (0,1)                 Categ
7  R7GOING       r7going:w7 r CESD: Could not get going (0,1)                 Categ

1  S1GOING       s1going:w1 s CESD: Could not get going (0,1)                 Categ
2  S2GOING       s2going:w2 s CESD: Could not get going (0,1)                 Categ
3  S3GOING       s3going:w3 s CESD: Could not get going (0,1)                 Categ
4  S4GOING       s4going:w4 s CESD: Could not get going (0,1)                 Categ
5  S5GOING       s5going:w5 s CESD: Could not get going (0,1)                 Categ
6  S6GOING       s6going:w6 s CESD: Could not get going (0,1)                 Categ
7  S7GOING       s7going:w7 s CESD: Could not get going (0,1)                 Categ

1  R1ENLIFE      r1enlife:w1 r CESD: Enjoyed life (0,1)                       Categ
2  R2ENLIFE      r2enlife:w2 r CESD: Enjoyed life (0,1)                       Categ
3  R3ENLIFE      r3enlife:w3 r CESD: Enjoyed life (0,1)                       Categ
4  R4ENLIFE      r4enlife:w4 r CESD: Enjoyed life (0,1)                       Categ
5  R5ENLIFE      r5enlife:w5 r CESD: Enjoyed life (0,1)                       Categ
6  R6ENLIFE      r6enlife:w6 r CESD: Enjoyed life (0,1)                       Categ
7  R7ENLIFE      r7enlife:w7 r CESD: Enjoyed life (0,1)                       Categ
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1	S1ENLIFE	s1enlife:w1 s CESD: Enjoyed life (0,1)	Categ
2	S2ENLIFE	s2enlife:w2 s CESD: Enjoyed life (0,1)	Categ
3	S3ENLIFE	s3enlife:w3 s CESD: Enjoyed life (0,1)	Categ
4	S4ENLIFE	s4enlife:w4 s CESD: Enjoyed life (0,1)	Categ
5	S5ENLIFE	s5enlife:w5 s CESD: Enjoyed life (0,1)	Categ
6	S6ENLIFE	s6enlife:w6 s CESD: Enjoyed life (0,1)	Categ
7	S7ENLIFE	s7enlife:w7 s CESD: Enjoyed life (0,1)	Categ
1	R1CESD	r1cesd:w1 r CESD Score	Cont
2	R2CESD	r2cesd:w2 r CESD Score	Cont
3	R3CESD	r3cesd:w3 r CESD Score	Cont
4	R4CESD	r4cesd:w4 r CESD Score	Cont
5	R5CESD	r5cesd:w5 r CESD Score	Cont
6	R6CESD	r6cesd:w6 r CESD Score	Cont
7	R7CESD	r7cesd:w7 r CESD Score	Cont
1	S1CESD	s1cesd:w1 s CESD Score	Cont
2	S2CESD	s2cesd:w2 s CESD Score	Cont
3	S3CESD	s3cesd:w3 s CESD Score	Cont
4	S4CESD	s4cesd:w4 s CESD Score	Cont
5	S5CESD	s5cesd:w5 s CESD Score	Cont
6	S6CESD	s6cesd:w6 s CESD Score	Cont
7	S7CESD	s7cesd:w7 s CESD Score	Cont
1	R1CESDM	r1cesdm:w1 r missings in CESD score	Cont
2	R2CESDM	r2cesdm:w2 r missings in CESD score	Cont
3	R3CESDM	r3cesdm:w3 r missings in CESD score	Cont
4	R4CESDM	r4cesdm:w4 r missings in CESD score	Cont
5	R5CESDM	r5cesdm:w5 r missings in CESD score	Cont
6	R6CESDM	r6cesdm:w6 r missings in CESD score	Cont
7	R7CESDM	r7cesdm:w7 r missings in CESD score	Cont
1	S1CESDM	s1cesdm:w1 s missings in CESD score	Cont
2	S2CESDM	s2cesdm:w2 s missings in CESD score	Cont
3	S3CESDM	s3cesdm:w3 s missings in CESD score	Cont
4	S4CESDM	s4cesdm:w4 s missings in CESD score	Cont
5	S5CESDM	s5cesdm:w5 s missings in CESD score	Cont
6	S6CESDM	s6cesdm:w6 s missings in CESD score	Cont
7	S7CESDM	s7cesdm:w7 s missings in CESD score	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DEPRES	11717	0.18	0.38	0.00	1.00
R2DEPRES	9219	0.16	0.37	0.00	1.00
R3DEPRES	9460	0.15	0.36	0.00	1.00
R4DEPRES	10525	0.15	0.36	0.00	1.00
R5DEPRES	9649	0.14	0.35	0.00	1.00
R6DEPRES	9913	0.13	0.34	0.00	1.00
R7DEPRES	9001	0.12	0.32	0.00	1.00
S1DEPRES	7795	0.15	0.36	0.00	1.00
S2DEPRES	6016	0.13	0.34	0.00	1.00
S3DEPRES	6181	0.12	0.32	0.00	1.00
S4DEPRES	7012	0.12	0.33	0.00	1.00
S5DEPRES	6486	0.11	0.32	0.00	1.00
S6DEPRES	6696	0.11	0.31	0.00	1.00
S7DEPRES	6025	0.09	0.28	0.00	1.00
R1EFFORT	11710	0.24	0.42	0.00	1.00
R2EFFORT	9218	0.22	0.42	0.00	1.00
R3EFFORT	9456	0.21	0.41	0.00	1.00

R4EFFORT	10521	0.20	0.40	0.00	1.00
R5EFFORT	9649	0.21	0.41	0.00	1.00
R6EFFORT	9915	0.19	0.39	0.00	1.00
R7EFFORT	9000	0.19	0.39	0.00	1.00
S1EFFORT	7790	0.20	0.40	0.00	1.00
S2EFFORT	6015	0.19	0.39	0.00	1.00
S3EFFORT	6178	0.17	0.37	0.00	1.00
S4EFFORT	7011	0.17	0.37	0.00	1.00
S5EFFORT	6485	0.17	0.38	0.00	1.00
S6EFFORT	6698	0.16	0.37	0.00	1.00
S7EFFORT	6024	0.15	0.36	0.00	1.00
R1SLEEPR	11718	0.41	0.49	0.00	1.00
R2SLEEPR	9213	0.42	0.49	0.00	1.00
R3SLEEPR	9460	0.41	0.49	0.00	1.00
R4SLEEPR	10530	0.35	0.48	0.00	1.00
R5SLEEPR	9648	0.41	0.49	0.00	1.00
R6SLEEPR	9919	0.35	0.48	0.00	1.00
R7SLEEPR	8997	0.41	0.49	0.00	1.00
S1SLEEPR	7795	0.39	0.49	0.00	1.00
S2SLEEPR	6014	0.41	0.49	0.00	1.00
S3SLEEPR	6180	0.39	0.49	0.00	1.00
S4SLEEPR	7014	0.33	0.47	0.00	1.00
S5SLEEPR	6486	0.40	0.49	0.00	1.00
S6SLEEPR	6700	0.34	0.47	0.00	1.00
S7SLEEPR	6024	0.39	0.49	0.00	1.00
R1WHAPPY	11680	0.89	0.32	0.00	1.00
R2WHAPPY	9197	0.89	0.31	0.00	1.00
R3WHAPPY	9440	0.89	0.31	0.00	1.00
R4WHAPPY	10498	0.89	0.31	0.00	1.00
R5WHAPPY	9622	0.90	0.31	0.00	1.00
R6WHAPPY	9897	0.89	0.31	0.00	1.00
R7WHAPPY	8978	0.90	0.30	0.00	1.00
S1WHAPPY	7774	0.91	0.28	0.00	1.00
S2WHAPPY	6009	0.92	0.27	0.00	1.00
S3WHAPPY	6174	0.92	0.27	0.00	1.00
S4WHAPPY	6996	0.92	0.27	0.00	1.00
S5WHAPPY	6473	0.92	0.27	0.00	1.00
S6WHAPPY	6691	0.92	0.28	0.00	1.00
S7WHAPPY	6019	0.93	0.26	0.00	1.00
R1FLONE	11716	0.14	0.34	0.00	1.00
R2FLONE	9216	0.14	0.35	0.00	1.00
R3FLONE	9459	0.13	0.34	0.00	1.00
R4FLONE	10528	0.13	0.33	0.00	1.00
R5FLONE	9650	0.13	0.34	0.00	1.00
R6FLONE	9914	0.12	0.32	0.00	1.00
R7FLONE	8995	0.11	0.31	0.00	1.00
S1FLONE	7792	0.06	0.23	0.00	1.00
S2FLONE	6014	0.06	0.24	0.00	1.00
S3FLONE	6180	0.06	0.23	0.00	1.00
S4FLONE	7013	0.06	0.24	0.00	1.00
S5FLONE	6486	0.06	0.23	0.00	1.00
S6FLONE	6698	0.06	0.23	0.00	1.00
S7FLONE	6023	0.05	0.22	0.00	1.00
R1FSAD	11712	0.21	0.41	0.00	1.00
R2FSAD	9212	0.21	0.41	0.00	1.00

R3FSAD	9452	0.20	0.40	0.00	1.00
R4FSAD	10524	0.21	0.40	0.00	1.00
R5FSAD	9647	0.21	0.41	0.00	1.00
R6FSAD	9905	0.18	0.39	0.00	1.00
R7FSAD	8995	0.17	0.38	0.00	1.00
S1FSAD	7791	0.17	0.37	0.00	1.00
S2FSAD	6012	0.17	0.38	0.00	1.00
S3FSAD	6176	0.15	0.36	0.00	1.00
S4FSAD	7011	0.16	0.37	0.00	1.00
S5FSAD	6485	0.17	0.38	0.00	1.00
S6FSAD	6693	0.15	0.36	0.00	1.00
S7FSAD	6021	0.13	0.34	0.00	1.00
R1GOING	11702	0.22	0.41	0.00	1.00
R2GOING	9209	0.21	0.41	0.00	1.00
R3GOING	9455	0.21	0.41	0.00	1.00
R4GOING	10522	0.20	0.40	0.00	1.00
R5GOING	9643	0.21	0.41	0.00	1.00
R6GOING	9912	0.19	0.39	0.00	1.00
R7GOING	8993	0.19	0.39	0.00	1.00
S1GOING	7788	0.19	0.39	0.00	1.00
S2GOING	6010	0.18	0.39	0.00	1.00
S3GOING	6177	0.18	0.38	0.00	1.00
S4GOING	7011	0.17	0.38	0.00	1.00
S5GOING	6481	0.18	0.39	0.00	1.00
S6GOING	6697	0.16	0.37	0.00	1.00
S7GOING	6019	0.16	0.36	0.00	1.00
R1ENLIFE	11671	0.90	0.30	0.00	1.00
R2ENLIFE	9198	0.90	0.30	0.00	1.00
R3ENLIFE	9440	0.90	0.30	0.00	1.00
R4ENLIFE	10502	0.90	0.30	0.00	1.00
R5ENLIFE	9624	0.90	0.30	0.00	1.00
R6ENLIFE	9886	0.90	0.30	0.00	1.00
R7ENLIFE	8976	0.91	0.28	0.00	1.00
S1ENLIFE	7771	0.93	0.26	0.00	1.00
S2ENLIFE	6008	0.92	0.27	0.00	1.00
S3ENLIFE	6172	0.93	0.26	0.00	1.00
S4ENLIFE	7003	0.93	0.26	0.00	1.00
S5ENLIFE	6479	0.92	0.26	0.00	1.00
S6ENLIFE	6683	0.93	0.26	0.00	1.00
S7ENLIFE	6012	0.94	0.24	0.00	1.00
R1CESD	11721	1.60	2.00	0.00	8.00
R2CESD	9220	1.58	1.96	0.00	8.00
R3CESD	9465	1.53	1.99	0.00	8.00
R4CESD	10530	1.44	1.95	0.00	8.00
R5CESD	9652	1.53	1.98	0.00	8.00
R6CESD	9922	1.37	1.92	0.00	8.00
R7CESD	9003	1.37	1.86	0.00	8.00
S1CESD	7796	1.32	1.79	0.00	8.00
S2CESD	6017	1.31	1.75	0.00	8.00
S3CESD	6184	1.22	1.74	0.00	8.00
S4CESD	7014	1.18	1.74	0.00	8.00
S5CESD	6487	1.25	1.75	0.00	8.00
S6CESD	6703	1.13	1.72	0.00	8.00
S7CESD	6026	1.10	1.62	0.00	8.00
R1CESDM	12099	0.26	1.40	0.00	8.00

R2CESDM	9432	0.19	1.19	0.00	8.00
R3CESDM	9771	0.26	1.40	0.00	8.00
R4CESDM	11050	0.38	1.70	0.00	8.00
R5CESDM	10274	0.49	1.91	0.00	8.00
R6CESDM	10601	0.52	1.96	0.00	8.00
R7CESDM	9666	0.56	2.03	0.00	8.00
S1CESDM	8070	0.28	1.45	0.00	8.00
S2CESDM	6178	0.21	1.28	0.00	8.00
S3CESDM	6386	0.26	1.41	0.00	8.00
S4CESDM	7402	0.42	1.78	0.00	8.00
S5CESDM	6964	0.55	2.02	0.00	8.00
S6CESDM	7242	0.60	2.10	0.00	8.00
S7CESDM	6560	0.66	2.19	0.00	8.00

Categorical Variable Codes

Value	R1DEPRES	R2DEPRES	R3DEPRES	R4DEPRES	R5DEPRES	R6DEPRES	R7DEPRES
.d:DK	27	31	25	16	64	34	18
.m:Missing	136	34	44			13	
.p:proxy	175	125	232	446	537	614	597
.r:Refuse	44	23	10	63	24	27	50
0.no	9633	7704	8007	8962	8259	8620	7958
1.yes	2084	1515	1453	1563	1390	1293	1043

Value	S1DEPRES	S2DEPRES	S3DEPRES	S4DEPRES	S5DEPRES	S6DEPRES	S7DEPRES
.d:DK	18	24	13	10	44	28	15
.m:Missing	105	26	25			7	
.p:proxy	122	95	158	333	418	494	484
.r:Refuse	30	17	9	47	16	17	36
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	6641	5211	5444	6152	5748	5989	5502
1.yes	1154	805	737	860	738	707	523

Value	R1EFFORT	R2EFFORT	R3EFFORT	R4EFFORT	R5EFFORT	R6EFFORT	R7EFFORT
.d:DK	34	32	27	21	63	31	20
.m:Missing	136	34	44			13	
.p:proxy	175	125	232	446	537	614	597
.r:Refuse	44	23	12	62	25	28	49
0.no	8942	7152	7453	8440	7621	8004	7304
1.yes	2768	2066	2003	2081	2028	1911	1696

Value	S1EFFORT	S2EFFORT	S3EFFORT	S4EFFORT	S5EFFORT	S6EFFORT	S7EFFORT
.d:DK	23	25	14	12	44	25	17
.m:Missing	105	26	25			7	
.p:proxy	122	95	158	333	418	494	484
.r:Refuse	30	17	11	46	17	18	35
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	6226	4860	5137	5831	5367	5615	5120
1.yes	1564	1155	1041	1180	1118	1083	904

Value	R1SLEEPR	R2SLEEPR	R3SLEEPR	R4SLEEPR	R5SLEEPR	R6SLEEPR	R7SLEEPR
.d:DK	27	37	23	13	64	27	23
.m:Missing	136	34	44			13	
.p:proxy	175	125	232	446	537	614	597
.r:Refuse	43	23	12	61	25	28	49
0.no	6942	5328	5569	6833	5668	6491	5334
1.yes	4776	3885	3891	3697	3980	3428	3663

Value	S1SLEEPR	S2SLEEPR	S3SLEEPR	S4SLEEPR	S5SLEEPR	S6SLEEPR	S7SLEEPR
.d:DK	18	26	12	9	43	23	17
.m:Missing	105	26	25			7	
.p:proxy	122	95	158	333	418	494	484
.r:Refuse	30	17	11	46	17	18	35
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558

0.no	4752	3558	3759	4671	3923	4455	3687
1.yes	3043	2456	2421	2343	2563	2245	2337

Value	R1WHAPPY	R2WHAPPY	R3WHAPPY	R4WHAPPY	R5WHAPPY	R6WHAPPY	R7WHAPPY
.d:DK	64	53	43	44	90	49	41
.m:Missing	136	34	44			13	
.p:proxy	175	125	232	446	537	614	597
.r:Refuse	44	23	12	62	25	28	50
0.no	1306	974	1036	1108	1006	1057	869
1.yes	10374	8223	8404	9390	8616	8840	8109

Value	S1WHAPPY	S2WHAPPY	S3WHAPPY	S4WHAPPY	S5WHAPPY	S6WHAPPY	S7WHAPPY
.d:DK	38	31	18	27	56	32	22
.m:Missing	105	26	25			7	
.p:proxy	122	95	158	333	418	494	484
.r:Refuse	31	17	11	46	17	18	35
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	674	486	507	552	519	567	430
1.yes	7100	5523	5667	6444	5954	6124	5589

Value	R1FLONE	R2FLONE	R3FLONE	R4FLONE	R5FLONE	R6FLONE	R7FLONE
.d:DK	28	34	24	15	62	32	23
.m:Missing	136	34	44			13	
.p:proxy	175	125	232	446	537	614	597
.r:Refuse	44	23	12	61	25	28	51
0.no	10121	7941	8207	9188	8397	8768	8036
1.yes	1595	1275	1252	1340	1253	1146	959

Value	S1FLONE	S2FLONE	S3FLONE	S4FLONE	S5FLONE	S6FLONE	S7FLONE
.d:DK	20	26	12	10	43	25	17
.m:Missing	105	26	25			7	
.p:proxy	122	95	158	333	418	494	484
.r:Refuse	31	17	11	46	17	18	36
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	7339	5639	5818	6585	6108	6317	5723
1.yes	453	375	362	428	378	381	300

Value	R1FSAD	R2FSAD	R3FSAD	R4FSAD	R5FSAD	R6FSAD	R7FSAD
.d:DK	32	38	31	18	65	41	22
.m:Missing	136	34	44			13	
.p:proxy	175	125	232	446	537	614	597
.r:Refuse	44	23	12	62	25	28	52
0.no	9276	7251	7599	8364	7615	8080	7460
1.yes	2436	1961	1853	2160	2032	1825	1535

Value	S1FSAD	S2FSAD	S3FSAD	S4FSAD	S5FSAD	S6FSAD	S7FSAD
.d:DK	21	28	16	12	44	30	18
.m:Missing	105	26	25			7	
.p:proxy	122	95	158	333	418	494	484
.r:Refuse	31	17	11	46	17	18	37
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	6490	4975	5235	5861	5364	5702	5226
1.yes	1301	1037	941	1150	1121	991	795

Value	R1GOING	R2GOING	R3GOING	R4GOING	R5GOING	R6GOING	R7GOING
.d:DK	41	41	28	21	67	34	25
.m:Missing	136	34	44			13	
.p:proxy	175	125	232	446	537	614	597
.r:Refuse	45	23	12	61	27	28	51
0.no	9155	7269	7471	8439	7575	8058	7285
1.yes	2547	1940	1984	2083	2068	1854	1708

Value	S1GOING	S2GOING	S3GOING	S4GOING	S5GOING	S6GOING	S7GOING
.d:DK	24	30	15	12	47	26	20
.m:Missing	105	26	25			7	
.p:proxy	122	95	158	333	418	494	484
.r:Refuse	31	17	11	46	18	18	37
.u:Unmar	3561	2671	2708	2932	2742	2802	2548

.v:SP NR	468	583	677	716	568	557	558
0.no	6313	4907	5075	5806	5307	5618	5070
1.yes	1475	1103	1102	1205	1174	1079	949

Value	R1ENLIFE	R2ENLIFE	R3ENLIFE	R4ENLIFE	R5ENLIFE	R6ENLIFE	R7ENLIFE
.d:DK	73	52	43	39	88	61	41
.m:Missing	136	34	44			13	
.p:proxy	175	125	232	446	537	614	597
.r:Refuse	44	23	12	63	25	27	52
0.no	1137	907	935	1024	955	984	799
1.yes	10534	8291	8505	9478	8669	8902	8177

Value	S1ENLIFE	S2ENLIFE	S3ENLIFE	S4ENLIFE	S5ENLIFE	S6ENLIFE	S7ENLIFE
.d:DK	41	32	20	20	50	41	26
.m:Missing	105	26	25			7	
.p:proxy	122	95	158	333	418	494	484
.r:Refuse	31	17	11	46	17	17	38
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	562	462	436	504	491	489	384
1.yes	7209	5546	5736	6499	5988	6194	5628

How Constructed

RwDEPRES, RwEFFORT, RwSLEEPR, RwFLONE, RwFSAD, RwGOING, RwWHAPPY, and RwENLIFE are yes/no indicators of the respondent's feelings much of the time over the week prior to the interview. RwDEPRES indicates whether the respondent was feeling depressed. RwEFFORT indicates whether the respondent was feeling that everything was an effort. RwSLEEPR indicates whether the respondent’s sleep was restless. RwFLONE indicates whether the respondent felt lonely. RwFSAD indicates whether the respondent felt sad. RwGOING indicates whether the respondent felt he/she could not get going. RwWHAPPY indicates whether the respondent felt happy. RwENLIFE indicates whether the respondent felt he/she enjoyed life. A code of 0 indicates that the respondent did not confirm the particular feeling. A code of 1 indicates the respondent confirmed the particular feeling. Don’t know, refused, or other missing values of RwDEPRES, RwEFFORT, RwSLEEPR, RwFLONE, RwFSAD, RwGOING, RwWHAPPY, and RwENLIFE are assigned special missing codes .d, .r, .m, respectively. RwDEPRES, RwEFFORT, RwSLEEPR, RwFLONE, RwFSAD, RwGOING, RwWHAPPY, and RwENLIFE are set to special missing .p if the mental health questions were skipped because the interview was by proxy. RwDEPRES, RwEFFORT, RwSLEEPR, RwFLONE, RwFSAD, RwGOING, RwWHAPPY, and RwENLIFE are set to plain missing (.) for respondents who did not respond to the current wave.

SwDEPRES, SwEFFORT, SwSLEEPR, SwFLONE, SwFSAD, SwGOING, SwWHAPPY, and SwENLIFE indicate whether the respondent’s spouse reported any feelings and are taken directly from the spouse’s responses to RwDEPRES, RwEFFORT, RwSLEEPR, RwFLONE, RwFSAD, RwGOING, RwWHAPPY, and RwENLIFE, respectively. In addition to the special missing codes used in RwDEPRES, RwEFFORT, RwSLEEPR, RwFLONE, RwFSAD, RwGOING, RwWHAPPY, and RwENLIFE, SwDEPRES, SwEFFORT, SwSLEEPR, SwFLONE, SwFSAD, SwGOING, SwWHAPPY, and SwENLIFE employ two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwCESD is the sum of RwDEPRES, RwEFFORT, RwSLEEPR, RwFLONE, RwFSAD, RwGOING, (1-RwWHAPPY) and (1-RwENLIFE). Thus the higher the score, the more negative the respondent's feelings were during the past week.

RwCESD is not computed for respondents with all missing values for RwDEPRES, RwEFFORT, RwSLEEPR, RwFLONE, RwFSAD, RwGOING, RwWHAPPY, or RwENLIFE.

SwCESD is the sum of SwDEPRES, SwEFFORT, SwSLEEPR, SwFLONE, SwFSAD, SwGOING, (1-SwWHAPPY) and (1-SwENLIFE). Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwCESDM indicates how many individual measures used to derive RwCESD are missing.

SwCESDM indicates how many individual measures used to derive SwCESD are missing. SwCESDM is taken directly from the spouse’s values of RwCESDM. Special missing value .u is used when the respondent does

not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

In the ELSA, CESD questions are always asked as yes/no questions in each wave. In the first wave of the HRS respondents were asked to answer the CESD questions using the scale: all or almost all of the time, most of the time, some of the time, and none or almost none of the time.

ELSA Variables Used

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Wave 1 Core:
    PSCEDA         much of the time during the past week, have you felt dep
    PSCEDB         much of the time during the past week, have you felt tha
    PSCEDC         much of the time during the past week, has your sleep be
    PSCEDD         much of the time during the past week, were you happy?
    PSCEDE         much of the time during the past week, have you felt lon
    PSCEDF         much of the time during the past week, have you enjoyed
    PSCEDG         much of the time during the past week, have you felt sad
    PSCEDH         much of the time during the past week, could you not get
Wave 2 Core:
    PSCEDA         whether respondent has felt depressed much of the time d
    PSCEDB         whether respondent felt everything they did during the p
    PSCEDC         whether respondent felt their sleep was restless during
    PSCEDD         whether respondent was happy much of the time during the
    PSCEDE         whether respondent felt lonely much of the time during t
    PSCEDF         whether respondent enjoyed life much of the time during
    PSCEDG         whether respondent felt sad much of the time during the
    PSCEDH         whether respondent could not get going much of the time
Wave 3 Core:
    PSCEDA         whether felt depressed much of the time during past week
    PSCEDB         whether felt everything they did during past week was an
    PSCEDC         whether felt their sleep was restless during past week
    PSCEDD         whether was happy much of the time during past week
    PSCEDE         whether felt lonely much of the time during past week
    PSCEDF         whether enjoyed life much of the time during past week
    PSCEDG         whether felt sad much of the time during past week
    PSCEDH         whether could not get going much of the time during past
Wave 4 Core:
    PSCEDA         whether felt depressed much of the time during past week
    PSCEDB         whether felt everything they did during past week was an
    PSCEDC         whether felt their sleep was restless during past week
    PSCEDD         whether was happy much of the time during past week
    PSCEDE         whether felt lonely much of the time during past week
    PSCEDF         whether enjoyed life much of the time during past week
    PSCEDG         whether felt sad much of the time during past week
    PSCEDH         whether could not get going much of the time during past
Wave 5 Core:
    PSCEDA         whether felt depressed much of the time during past week
    PSCEDB         whether felt everything they did during past week was an
    PSCEDC         whether felt their sleep was restless during past week
    PSCEDD         whether was happy much of the time during past week
    PSCEDE         whether felt lonely much of the time during past week
    PSCEDF         whether enjoyed life much of the time during past week
    PSCEDG         whether felt sad much of the time during past week
    PSCEDH         whether could not get going much of the time during past
Wave 6 Core:
    PSCEDA         whether felt depressed much of the time during past week
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    PSCEDB          whether felt everything they did during past week was an
    PSCEDC          whether felt their sleep was restless during past week
    PSCEDD          whether was happy much of the time during past week
    PSCEDE          whether felt lonely much of the time during past week
    PSCEDF          whether enjoyed life much of the time during past week
    PSCEDG          whether felt sad much of the time during past week
    PSCEDH          whether could not get going much of the time during past
Wave 7 Core:
    PSCEDA          whether felt depressed much of the time during past week
    PSCEDB          whether felt everything they did during past week was an
    PSCEDC          whether felt their sleep was restless during past week
    PSCEDD          whether was happy much of the time during past week
    PSCEDE          whether felt lonely much of the time during past week
    PSCEDF          whether enjoyed life much of the time during past week
    PSCEDG          whether felt sad much of the time during past week
    PSCEDH          whether could not get going much of the time during past
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Doctor Diagnosed Health Problems: Ever Have Condition

Wave	Variable	Label	Type
1	R1HIBPE	r1hibpe:w1 r ever had high blood pressure	Categ
2	R2HIBPE	r2hibpe:w2 r ever had high blood pressure	Categ
3	R3HIBPE	r3hibpe:w3 r ever had high blood pressure	Categ
4	R4HIBPE	r4hibpe:w4 r ever had high blood pressure	Categ
5	R5HIBPE	r5hibpe:w5 r ever had high blood pressure	Categ
6	R6HIBPE	r6hibpe:w6 r ever had high blood pressure	Categ
7	R7HIBPE	r7hibpe:w7 r ever had high blood pressure	Categ
1	S1HIBPE	s1hibpe:w1 s ever had high blood pressure	Categ
2	S2HIBPE	s2hibpe:w2 s ever had high blood pressure	Categ
3	S3HIBPE	s3hibpe:w3 s ever had high blood pressure	Categ
4	S4HIBPE	s4hibpe:w4 s ever had high blood pressure	Categ
5	S5HIBPE	s5hibpe:w5 s ever had high blood pressure	Categ
6	S6HIBPE	s6hibpe:w6 s ever had high blood pressure	Categ
7	S7HIBPE	s7hibpe:w7 s ever had high blood pressure	Categ
1	R1HIBPF	r1hibpf:w1 r flag dispute chg high blood pressure	Categ
2	R2HIBPF	r2hibpf:w2 r flag dispute chg high blood pressure	Categ
3	R3HIBPF	r3hibpf:w3 r flag dispute chg high blood pressure	Categ
4	R4HIBPF	r4hibpf:w4 r flag dispute chg high blood pressure	Categ
5	R5HIBPF	r5hibpf:w5 r flag dispute chg high blood pressure	Categ
6	R6HIBPF	r6hibpf:w6 r flag dispute chg high blood pressure	Categ
7	R7HIBPF	r7hibpf:w7 r flag dispute chg high blood pressure	Categ
1	S1HIBPF	s1hibpf:w1 s flag dispute chg high blood pressure	Categ
2	S2HIBPF	s2hibpf:w2 s flag dispute chg high blood pressure	Categ
3	S3HIBPF	s3hibpf:w3 s flag dispute chg high blood pressure	Categ
4	S4HIBPF	s4hibpf:w4 s flag dispute chg high blood pressure	Categ
5	S5HIBPF	s5hibpf:w5 s flag dispute chg high blood pressure	Categ
6	S6HIBPF	s6hibpf:w6 s flag dispute chg high blood pressure	Categ
7	S7HIBPF	s7hibpf:w7 s flag dispute chg high blood pressure	Categ
1	R1DIABE	r1diabe:w1 r ever had diabetes	Categ
2	R2DIABE	r2diabe:w2 r ever had diabetes	Categ
3	R3DIABE	r3diabe:w3 r ever had diabetes	Categ
4	R4DIABE	r4diabe:w4 r ever had diabetes	Categ
5	R5DIABE	r5diabe:w5 r ever had diabetes	Categ
6	R6DIABE	r6diabe:w6 r ever had diabetes	Categ
7	R7DIABE	r7diabe:w7 r ever had diabetes	Categ
1	S1DIABE	s1diabe:w1 s ever had diabetes	Categ
2	S2DIABE	s2diabe:w2 s ever had diabetes	Categ
3	S3DIABE	s3diabe:w3 s ever had diabetes	Categ
4	S4DIABE	s4diabe:w4 s ever had diabetes	Categ
5	S5DIABE	s5diabe:w5 s ever had diabetes	Categ
6	S6DIABE	s6diabe:w6 s ever had diabetes	Categ
7	S7DIABE	s7diabe:w7 s ever had diabetes	Categ
1	R1DIABF	r1diabf:w1 r flag dispute chg diabetes	Categ
2	R2DIABF	r2diabf:w2 r flag dispute chg diabetes	Categ
3	R3DIABF	r3diabf:w3 r flag dispute chg diabetes	Categ
4	R4DIABF	r4diabf:w4 r flag dispute chg diabetes	Categ
5	R5DIABF	r5diabf:w5 r flag dispute chg diabetes	Categ
6	R6DIABF	r6diabf:w6 r flag dispute chg diabetes	Categ
7	R7DIABF	r7diabf:w7 r flag dispute chg diabetes	Categ
1	S1DIABF	s1diabf:w1 s flag dispute chg diabetes	Categ

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2  S2DIABF       s2diabf:w2 s flag dispute chg diabetes                    Categ
3  S3DIABF       s3diabf:w3 s flag dispute chg diabetes                    Categ
4  S4DIABF       s4diabf:w4 s flag dispute chg diabetes                    Categ
5  S5DIABF       s5diabf:w5 s flag dispute chg diabetes                    Categ
6  S6DIABF       s6diabf:w6 s flag dispute chg diabetes                    Categ
7  S7DIABF       s7diabf:w7 s flag dispute chg diabetes                    Categ

1  R1CANCRE      r1cancre:w1 r ever had cancer                             Categ
2  R2CANCRE      r2cancre:w2 r ever had cancer                             Categ
3  R3CANCRE      r3cancre:w3 r ever had cancer                             Categ
4  R4CANCRE      r4cancre:w4 r ever had cancer                             Categ
5  R5CANCRE      r5cancre:w5 r ever had cancer                             Categ
6  R6CANCRE      r6cancre:w6 r ever had cancer                             Categ
7  R7CANCRE      r7cancre:w7 r ever had cancer                             Categ

1  S1CANCRE      s1cancre:w1 s ever had cancer                             Categ
2  S2CANCRE      s2cancre:w2 s ever had cancer                             Categ
3  S3CANCRE      s3cancre:w3 s ever had cancer                             Categ
4  S4CANCRE      s4cancre:w4 s ever had cancer                             Categ
5  S5CANCRE      s5cancre:w5 s ever had cancer                             Categ
6  S6CANCRE      s6cancre:w6 s ever had cancer                             Categ
7  S7CANCRE      s7cancre:w7 s ever had cancer                             Categ

1  R1CANCRF      r1cancrf:w1 r flag dispute chg cancer                     Categ
2  R2CANCRF      r2cancrf:w2 r flag dispute chg cancer                     Categ
3  R3CANCRF      r3cancrf:w3 r flag dispute chg cancer                     Categ
4  R4CANCRF      r4cancrf:w4 r flag dispute chg cancer                     Categ
5  R5CANCRF      r5cancrf:w5 r flag dispute chg cancer                     Categ
6  R6CANCRF      r6cancrf:w6 r flag dispute chg cancer                     Categ
7  R7CANCRF      r7cancrf:w7 r flag dispute chg cancer                     Categ

1  S1CANCRF      s1cancrf:w1 s flag dispute chg cancer                     Categ
2  S2CANCRF      s2cancrf:w2 s flag dispute chg cancer                     Categ
3  S3CANCRF      s3cancrf:w3 s flag dispute chg cancer                     Categ
4  S4CANCRF      s4cancrf:w4 s flag dispute chg cancer                     Categ
5  S5CANCRF      s5cancrf:w5 s flag dispute chg cancer                     Categ
6  S6CANCRF      s6cancrf:w6 s flag dispute chg cancer                     Categ
7  S7CANCRF      s7cancrf:w7 s flag dispute chg cancer                     Categ

1  R1LUNGE       r1lunge:w1 r ever had lung disease                        Categ
2  R2LUNGE       r2lunge:w2 r ever had lung disease                        Categ
3  R3LUNGE       r3lunge:w3 r ever had lung disease                        Categ
4  R4LUNGE       r4lunge:w4 r ever had lung disease                        Categ
5  R5LUNGE       r5lunge:w5 r ever had lung disease                        Categ
6  R6LUNGE       r6lunge:w6 r ever had lung disease                        Categ
7  R7LUNGE       r7lunge:w7 r ever had lung disease                        Categ

1  S1LUNGE       s1lunge:w1 s ever had lung disease                        Categ
2  S2LUNGE       s2lunge:w2 s ever had lung disease                        Categ
3  S3LUNGE       s3lunge:w3 s ever had lung disease                        Categ
4  S4LUNGE       s4lunge:w4 s ever had lung disease                        Categ
5  S5LUNGE       s5lunge:w5 s ever had lung disease                        Categ
6  S6LUNGE       s6lunge:w6 s ever had lung disease                        Categ
7  S7LUNGE       s7lunge:w7 s ever had lung disease                        Categ

1  R1LUNGF       r1lungf:w1 r flag dispute chg lung disease                Categ
2  R2LUNGF       r2lungf:w2 r flag dispute chg lung disease                Categ
3  R3LUNGF       r3lungf:w3 r flag dispute chg lung disease                Categ
4  R4LUNGF       r4lungf:w4 r flag dispute chg lung disease                Categ
5  R5LUNGF       r5lungf:w5 r flag dispute chg lung disease                Categ
6  R6LUNGF       r6lungf:w6 r flag dispute chg lung disease                Categ
7  R7LUNGF       r7lungf:w7 r flag dispute chg lung disease                Categ
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1  S1LUNGF       s1lungf:w1 s flag dispute chg lung disease                  Categ
2  S2LUNGF       s2lungf:w2 s flag dispute chg lung disease                  Categ
3  S3LUNGF       s3lungf:w3 s flag dispute chg lung disease                  Categ
4  S4LUNGF       s4lungf:w4 s flag dispute chg lung disease                  Categ
5  S5LUNGF       s5lungf:w5 s flag dispute chg lung disease                  Categ
6  S6LUNGF       s6lungf:w6 s flag dispute chg lung disease                  Categ
7  S7LUNGF       s7lungf:w7 s flag dispute chg lung disease                  Categ

1  R1HEARTE      r1hearte:w1 r ever had heart problems                       Categ
2  R2HEARTE      r2hearte:w2 r ever had heart problems                       Categ
3  R3HEARTE      r3hearte:w3 r ever had heart problems                       Categ
4  R4HEARTE      r4hearte:w4 r ever had heart problems                       Categ
5  R5HEARTE      r5hearte:w5 r ever had heart problems                       Categ
6  R6HEARTE      r6hearte:w6 r ever had heart problems                       Categ
7  R7HEARTE      r7hearte:w7 r ever had heart problems                       Categ

1  S1HEARTE      s1hearte:w1 s ever had heart problems                       Categ
2  S2HEARTE      s2hearte:w2 s ever had heart problems                       Categ
3  S3HEARTE      s3hearte:w3 s ever had heart problems                       Categ
4  S4HEARTE      s4hearte:w4 s ever had heart problems                       Categ
5  S5HEARTE      s5hearte:w5 s ever had heart problems                       Categ
6  S6HEARTE      s6hearte:w6 s ever had heart problems                       Categ
7  S7HEARTE      s7hearte:w7 s ever had heart problems                       Categ

1  R1HEARTF      r1heartf:w1 r flag dispute chg heart problems               Categ
2  R2HEARTF      r2heartf:w2 r flag dispute chg heart problems               Categ
3  R3HEARTF      r3heartf:w3 r flag dispute chg heart problems               Categ
4  R4HEARTF      r4heartf:w4 r flag dispute chg heart problems               Categ
5  R5HEARTF      r5heartf:w5 r flag dispute chg heart problems               Categ
6  R6HEARTF      r6heartf:w6 r flag dispute chg heart problems               Categ
7  R7HEARTF      r7heartf:w7 r flag dispute chg heart problems               Categ

1  S1HEARTF      s1heartf:w1 s flag dispute chg heart problems               Categ
2  S2HEARTF      s2heartf:w2 s flag dispute chg heart problems               Categ
3  S3HEARTF      s3heartf:w3 s flag dispute chg heart problems               Categ
4  S4HEARTF      s4heartf:w4 s flag dispute chg heart problems               Categ
5  S5HEARTF      s5heartf:w5 s flag dispute chg heart problems               Categ
6  S6HEARTF      s6heartf:w6 s flag dispute chg heart problems               Categ
7  S7HEARTF      s7heartf:w7 s flag dispute chg heart problems               Categ

1  R1STROKE      r1stroke:w1 r ever had stroke                               Categ
2  R2STROKE      r2stroke:w2 r ever had stroke                               Categ
3  R3STROKE      r3stroke:w3 r ever had stroke                               Categ
4  R4STROKE      r4stroke:w4 r ever had stroke                               Categ
5  R5STROKE      r5stroke:w5 r ever had stroke                               Categ
6  R6STROKE      r6stroke:w6 r ever had stroke                               Categ
7  R7STROKE      r7stroke:w7 r ever had stroke                               Categ

1  S1STROKE      s1stroke:w1 s ever had stroke                               Categ
2  S2STROKE      s2stroke:w2 s ever had stroke                               Categ
3  S3STROKE      s3stroke:w3 s ever had stroke                               Categ
4  S4STROKE      s4stroke:w4 s ever had stroke                               Categ
5  S5STROKE      s5stroke:w5 s ever had stroke                               Categ
6  S6STROKE      s6stroke:w6 s ever had stroke                               Categ
7  S7STROKE      s7stroke:w7 s ever had stroke                               Categ

1  R1STROKF      r1strokf:w1 r flag dispute chg stroke                       Categ
2  R2STROKF      r2strokf:w2 r flag dispute chg stroke                       Categ
3  R3STROKF      r3strokf:w3 r flag dispute chg stroke                       Categ
4  R4STROKF      r4strokf:w4 r flag dispute chg stroke                       Categ
5  R5STROKF      r5strokf:w5 r flag dispute chg stroke                       Categ
6  R6STROKF      r6strokf:w6 r flag dispute chg stroke                       Categ
7  R7STROKF      r7strokf:w7 r flag dispute chg stroke                       Categ
```

1	S1STROKF	s1strokf:w1 s flag dispute chg stroke	Categ
2	S2STROKF	s2strokf:w2 s flag dispute chg stroke	Categ
3	S3STROKF	s3strokf:w3 s flag dispute chg stroke	Categ
4	S4STROKF	s4strokf:w4 s flag dispute chg stroke	Categ
5	S5STROKF	s5strokf:w5 s flag dispute chg stroke	Categ
6	S6STROKF	s6strokf:w6 s flag dispute chg stroke	Categ
7	S7STROKF	s7strokf:w7 s flag dispute chg stroke	Categ
1	R1PSYCHE	r1psyche:w1 r ever had psych problems	Categ
2	R2PSYCHE	r2psyche:w2 r ever had psych problems	Categ
3	R3PSYCHE	r3psyche:w3 r ever had psych problems	Categ
4	R4PSYCHE	r4psyche:w4 r ever had psych problems	Categ
5	R5PSYCHE	r5psyche:w5 r ever had psych problems	Categ
6	R6PSYCHE	r6psyche:w6 r ever had psych problems	Categ
7	R7PSYCHE	r7psyche:w7 r ever had psych problems	Categ
1	S1PSYCHE	s1psyche:w1 s ever had psych problems	Categ
2	S2PSYCHE	s2psyche:w2 s ever had psych problems	Categ
3	S3PSYCHE	s3psyche:w3 s ever had psych problems	Categ
4	S4PSYCHE	s4psyche:w4 s ever had psych problems	Categ
5	S5PSYCHE	s5psyche:w5 s ever had psych problems	Categ
6	S6PSYCHE	s6psyche:w6 s ever had psych problems	Categ
7	S7PSYCHE	s7psyche:w7 s ever had psych problems	Categ
1	R1PSYCHF	r1psychf:w1 r flag dispute chg psych problems	Categ
2	R2PSYCHF	r2psychf:w2 r flag dispute chg psych problems	Categ
3	R3PSYCHF	r3psychf:w3 r flag dispute chg psych problems	Categ
4	R4PSYCHF	r4psychf:w4 r flag dispute chg psych problems	Categ
5	R5PSYCHF	r5psychf:w5 r flag dispute chg psych problems	Categ
6	R6PSYCHF	r6psychf:w6 r flag dispute chg psych problems	Categ
7	R7PSYCHF	r7psychf:w7 r flag dispute chg psych problems	Categ
1	S1PSYCHF	s1psychf:w1 s flag dispute chg psych problems	Categ
2	S2PSYCHF	s2psychf:w2 s flag dispute chg psych problems	Categ
3	S3PSYCHF	s3psychf:w3 s flag dispute chg psych problems	Categ
4	S4PSYCHF	s4psychf:w4 s flag dispute chg psych problems	Categ
5	S5PSYCHF	s5psychf:w5 s flag dispute chg psych problems	Categ
6	S6PSYCHF	s6psychf:w6 s flag dispute chg psych problems	Categ
7	S7PSYCHF	s7psychf:w7 s flag dispute chg psych problems	Categ
1	R1ARTHRE	r1arthre:w1 r ever had arthritis	Categ
2	R2ARTHRE	r2arthre:w2 r ever had arthritis	Categ
3	R3ARTHRE	r3arthre:w3 r ever had arthritis	Categ
4	R4ARTHRE	r4arthre:w4 r ever had arthritis	Categ
5	R5ARTHRE	r5arthre:w5 r ever had arthritis	Categ
6	R6ARTHRE	r6arthre:w6 r ever had arthritis	Categ
7	R7ARTHRE	r7arthre:w7 r ever had arthritis	Categ
1	S1ARTHRE	s1arthre:w1 s ever had arthritis	Categ
2	S2ARTHRE	s2arthre:w2 s ever had arthritis	Categ
3	S3ARTHRE	s3arthre:w3 s ever had arthritis	Categ
4	S4ARTHRE	s4arthre:w4 s ever had arthritis	Categ
5	S5ARTHRE	s5arthre:w5 s ever had arthritis	Categ
6	S6ARTHRE	s6arthre:w6 s ever had arthritis	Categ
7	S7ARTHRE	s7arthre:w7 s ever had arthritis	Categ
1	R1ARTHRF	r1arthrf:w1 r flag dispute chg arthritis	Categ
2	R2ARTHRF	r2arthrf:w2 r flag dispute chg arthritis	Categ
3	R3ARTHRF	r3arthrf:w3 r flag dispute chg arthritis	Categ
4	R4ARTHRF	r4arthrf:w4 r flag dispute chg arthritis	Categ
5	R5ARTHRF	r5arthrf:w5 r flag dispute chg arthritis	Categ
6	R6ARTHRF	r6arthrf:w6 r flag dispute chg arthritis	Categ

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 7  R7ARTHRF      r7arthrf:w7 r flag dispute chg arthritis                      Categ

 1  S1ARTHRF      s1arthrf:w1 s flag dispute chg arthritis                      Categ
 2  S2ARTHRF      s2arthrf:w2 s flag dispute chg arthritis                      Categ
 3  S3ARTHRF      s3arthrf:w3 s flag dispute chg arthritis                      Categ
 4  S4ARTHRF      s4arthrf:w4 s flag dispute chg arthritis                      Categ
 5  S5ARTHRF      s5arthrf:w5 s flag dispute chg arthritis                      Categ
 6  S6ARTHRF      s6arthrf:w6 s flag dispute chg arthritis                      Categ
 7  S7ARTHRF      s7arthrf:w7 s flag dispute chg arthritis                      Categ

 1  R1ASTHMAE     r1asthmae:w1 r ever had asthma                                Categ
 2  R2ASTHMAE     r2asthmae:w2 r ever had asthma                                Categ
 3  R3ASTHMAE     r3asthmae:w3 r ever had asthma                                Categ
 4  R4ASTHMAE     r4asthmae:w4 r ever had asthma                                Categ
 5  R5ASTHMAE     r5asthmae:w5 r ever had asthma                                Categ
 6  R6ASTHMAE     r6asthmae:w6 r ever had asthma                                Categ
 7  R7ASTHMAE     r7asthmae:w7 r ever had asthma                                Categ

 1  S1ASTHMAE     s1asthmae:w1 s ever had asthma                                Categ
 2  S2ASTHMAE     s2asthmae:w2 s ever had asthma                                Categ
 3  S3ASTHMAE     s3asthmae:w3 s ever had asthma                                Categ
 4  S4ASTHMAE     s4asthmae:w4 s ever had asthma                                Categ
 5  S5ASTHMAE     s5asthmae:w5 s ever had asthma                                Categ
 6  S6ASTHMAE     s6asthmae:w6 s ever had asthma                                Categ
 7  S7ASTHMAE     s7asthmae:w7 s ever had asthma                                Categ

 1  R1ASTHMAF     r1asthmaf:w1 r flag chg previous asthma                       Categ
 2  R2ASTHMAF     r2asthmaf:w2 r flag chg previous asthma                       Categ
 3  R3ASTHMAF     r3asthmaf:w3 r flag chg previous asthma                       Categ
 4  R4ASTHMAF     r4asthmaf:w4 r flag chg previous asthma                       Categ
 5  R5ASTHMAF     r5asthmaf:w5 r flag chg previous asthma                       Categ
 6  R6ASTHMAF     r6asthmaf:w6 r flag chg previous asthma                       Categ
 7  R7ASTHMAF     r7asthmaf:w7 r flag chg previous asthma                       Categ

 1  S1ASTHMAF     s1asthmaf:w1 s flag chg previous asthma                       Categ
 2  S2ASTHMAF     s2asthmaf:w2 s flag chg previous asthma                       Categ
 3  S3ASTHMAF     s3asthmaf:w3 s flag chg previous asthma                       Categ
 4  S4ASTHMAF     s4asthmaf:w4 s flag chg previous asthma                       Categ
 5  S5ASTHMAF     s5asthmaf:w5 s flag chg previous asthma                       Categ
 6  S6ASTHMAF     s6asthmaf:w6 s flag chg previous asthma                       Categ
 7  S7ASTHMAF     s7asthmaf:w7 s flag chg previous asthma                       Categ

 2  R2HCHOLE      r2hchole:w2 r ever had high cholesterol                       Categ
 3  R3HCHOLE      r3hchole:w3 r ever had high cholesterol                       Categ
 4  R4HCHOLE      r4hchole:w4 r ever had high cholesterol                       Categ
 5  R5HCHOLE      r5hchole:w5 r ever had high cholesterol                       Categ
 6  R6HCHOLE      r6hchole:w6 r ever had high cholesterol                       Categ
 7  R7HCHOLE      r7hchole:w7 r ever had high cholesterol                       Categ

 2  S2HCHOLE      s2hchole:w2 s ever had high cholesterol                       Categ
 3  S3HCHOLE      s3hchole:w3 s ever had high cholesterol                       Categ
 4  S4HCHOLE      s4hchole:w4 s ever had high cholesterol                       Categ
 5  S5HCHOLE      s5hchole:w5 s ever had high cholesterol                       Categ
 6  S6HCHOLE      s6hchole:w6 s ever had high cholesterol                       Categ
 7  S7HCHOLE      s7hchole:w7 s ever had high cholesterol                       Categ

 2  R2HCHOLF      r2hcholf:w2 r flag chg previous high cholesterol              Categ
 3  R3HCHOLF      r3hcholf:w3 r flag chg previous high cholesterol              Categ
 4  R4HCHOLF      r4hcholf:w4 r flag chg previous high cholesterol              Categ
 5  R5HCHOLF      r5hcholf:w5 r flag chg previous high cholesterol              Categ
 6  R6HCHOLF      r6hcholf:w6 r flag chg previous high cholesterol              Categ
 7  R7HCHOLF      r7hcholf:w7 r flag chg previous high cholesterol              Categ
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2  S2HCHOLF      s2hcholf:w2 s flag chg previous high cholesterol             Categ
3  S3HCHOLF      s3hcholf:w3 s flag chg previous high cholesterol             Categ
4  S4HCHOLF      s4hcholf:w4 s flag chg previous high cholesterol             Categ
5  S5HCHOLF      s5hcholf:w5 s flag chg previous high cholesterol             Categ
6  S6HCHOLF      s6hcholf:w6 s flag chg previous high cholesterol             Categ
7  S7HCHOLF      s7hcholf:w7 s flag chg previous high cholesterol             Categ

1  R1CATRCTE     r1catrcte:w1 r ever had cataracts                            Categ
2  R2CATRCTE     r2catrcte:w2 r ever had cataracts                            Categ
3  R3CATRCTE     r3catrcte:w3 r ever had cataracts                            Categ
4  R4CATRCTE     r4catrcte:w4 r ever had cataracts                            Categ
5  R5CATRCTE     r5catrcte:w5 r ever had cataracts                            Categ
6  R6CATRCTE     r6catrcte:w6 r ever had cataracts                            Categ
7  R7CATRCTE     r7catrcte:w7 r ever had cataracts                            Categ

1  S1CATRCTE     s1catrcte:w1 s ever had cataracts                            Categ
2  S2CATRCTE     s2catrcte:w2 s ever had cataracts                            Categ
3  S3CATRCTE     s3catrcte:w3 s ever had cataracts                            Categ
4  S4CATRCTE     s4catrcte:w4 s ever had cataracts                            Categ
5  S5CATRCTE     s5catrcte:w5 s ever had cataracts                            Categ
6  S6CATRCTE     s6catrcte:w6 s ever had cataracts                            Categ
7  S7CATRCTE     s7catrcte:w7 s ever had cataracts                            Categ

1  R1CATRCTF     r1catrctf:w1 r flag chg previous cataracts                   Categ
2  R2CATRCTF     r2catrctf:w2 r flag chg previous cataracts                   Categ
3  R3CATRCTF     r3catrctf:w3 r flag chg previous cataracts                   Categ
4  R4CATRCTF     r4catrctf:w4 r flag chg previous cataracts                   Categ
5  R5CATRCTF     r5catrctf:w5 r flag chg previous cataracts                   Categ
6  R6CATRCTF     r6catrctf:w6 r flag chg previous cataracts                   Categ
7  R7CATRCTF     r7catrctf:w7 r flag chg previous cataracts                   Categ

1  S1CATRCTF     s1catrctf:w1 s flag chg previous cataracts                   Categ
2  S2CATRCTF     s2catrctf:w2 s flag chg previous cataracts                   Categ
3  S3CATRCTF     s3catrctf:w3 s flag chg previous cataracts                   Categ
4  S4CATRCTF     s4catrctf:w4 s flag chg previous cataracts                   Categ
5  S5CATRCTF     s5catrctf:w5 s flag chg previous cataracts                   Categ
6  S6CATRCTF     s6catrctf:w6 s flag chg previous cataracts                   Categ
7  S7CATRCTF     s7catrctf:w7 s flag chg previous cataracts                   Categ

1  R1PARKINE     r1parkine:w1 r ever had parkinson disease                    Categ
2  R2PARKINE     r2parkine:w2 r ever had parkinson disease                    Categ
3  R3PARKINE     r3parkine:w3 r ever had parkinson disease                    Categ
4  R4PARKINE     r4parkine:w4 r ever had parkinson disease                    Categ
5  R5PARKINE     r5parkine:w5 r ever had parkinson disease                    Categ
6  R6PARKINE     r6parkine:w6 r ever had parkinson disease                    Categ
7  R7PARKINE     r7parkine:w7 r ever had parkinson disease                    Categ

1  S1PARKINE     s1parkine:w1 s ever had parkinson disease                    Categ
2  S2PARKINE     s2parkine:w2 s ever had parkinson disease                    Categ
3  S3PARKINE     s3parkine:w3 s ever had parkinson disease                    Categ
4  S4PARKINE     s4parkine:w4 s ever had parkinson disease                    Categ
5  S5PARKINE     s5parkine:w5 s ever had parkinson disease                    Categ
6  S6PARKINE     s6parkine:w6 s ever had parkinson disease                    Categ
7  S7PARKINE     s7parkine:w7 s ever had parkinson disease                    Categ

1  R1PARKINF     r1parkinf:w1 r flag chg previous parkinson disease           Categ
2  R2PARKINF     r2parkinf:w2 r flag chg previous parkinson disease           Categ
3  R3PARKINF     r3parkinf:w3 r flag chg previous parkinson disease           Categ
4  R4PARKINF     r4parkinf:w4 r flag chg previous parkinson disease           Categ
5  R5PARKINF     r5parkinf:w5 r flag chg previous parkinson disease           Categ
6  R6PARKINF     r6parkinf:w6 r flag chg previous parkinson disease           Categ
7  R7PARKINF     r7parkinf:w7 r flag chg previous parkinson disease           Categ
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1	S1PARKINF	s1parkinf:w1 s flag chg previous parkinson disease	Categ
2	S2PARKINF	s2parkinf:w2 s flag chg previous parkinson disease	Categ
3	S3PARKINF	s3parkinf:w3 s flag chg previous parkinson disease	Categ
4	S4PARKINF	s4parkinf:w4 s flag chg previous parkinson disease	Categ
5	S5PARKINF	s5parkinf:w5 s flag chg previous parkinson disease	Categ
6	S6PARKINF	s6parkinf:w6 s flag chg previous parkinson disease	Categ
7	S7PARKINF	s7parkinf:w7 s flag chg previous parkinson disease	Categ
1	R1HIPE	r1hipe:w1 r ever had hip fracture	Categ
2	R2HIPE	r2hipe:w2 r ever had hip fracture	Categ
3	R3HIPE	r3hipe:w3 r ever had hip fracture	Categ
4	R4HIPE	r4hipe:w4 r ever had hip fracture	Categ
5	R5HIPE	r5hipe:w5 r ever had hip fracture	Categ
6	R6HIPE	r6hipe:w6 r ever had hip fracture	Categ
7	R7HIPE	r7hipe:w7 r ever had hip fracture	Categ
1	S1HIPE	s1hipe:w1 s ever had hip fracture	Categ
2	S2HIPE	s2hipe:w2 s ever had hip fracture	Categ
3	S3HIPE	s3hipe:w3 s ever had hip fracture	Categ
4	S4HIPE	s4hipe:w4 s ever had hip fracture	Categ
5	S5HIPE	s5hipe:w5 s ever had hip fracture	Categ
6	S6HIPE	s6hipe:w6 s ever had hip fracture	Categ
7	S7HIPE	s7hipe:w7 s ever had hip fracture	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HIBPE	12090	0.36	0.48	0.00	1.00
R2HIBPE	9431	0.41	0.49	0.00	1.00
R3HIBPE	9771	0.41	0.49	0.00	1.00
R4HIBPE	11042	0.40	0.49	0.00	1.00
R5HIBPE	10272	0.43	0.50	0.00	1.00
R6HIBPE	10600	0.43	0.49	0.00	1.00
R7HIBPE	9666	0.44	0.50	0.00	1.00
S1HIBPE	8062	0.34	0.47	0.00	1.00
S2HIBPE	6177	0.39	0.49	0.00	1.00
S3HIBPE	6386	0.38	0.49	0.00	1.00
S4HIBPE	7395	0.37	0.48	0.00	1.00
S5HIBPE	6962	0.40	0.49	0.00	1.00
S6HIBPE	7241	0.40	0.49	0.00	1.00
S7HIBPE	6560	0.41	0.49	0.00	1.00
R1HIBPF	12099	0.14	0.91	0.00	6.00
R2HIBPF	9431	0.16	0.95	0.00	6.00
R3HIBPF	9771	0.14	0.85	0.00	6.00
R4HIBPF	11050	0.11	0.80	0.00	6.00
R5HIBPF	10274	0.10	0.75	0.00	6.00
R6HIBPF	10601	0.07	0.61	0.00	6.00
R7HIBPF	9666	0.03	0.29	0.00	3.00
S1HIBPF	8070	0.14	0.91	0.00	6.00
S2HIBPF	6177	0.15	0.93	0.00	6.00
S3HIBPF	6386	0.12	0.81	0.00	6.00
S4HIBPF	7402	0.10	0.76	0.00	6.00
S5HIBPF	6964	0.09	0.69	0.00	6.00
S6HIBPF	7242	0.06	0.56	0.00	6.00
S7HIBPF	6560	0.02	0.26	0.00	3.00
R1DIABE	12090	0.07	0.25	0.00	1.00
R2DIABE	9431	0.08	0.27	0.00	1.00
R3DIABE	9771	0.09	0.28	0.00	1.00

R4DIABE	11042	0.09	0.29	0.00	1.00
R5DIABE	10272	0.11	0.31	0.00	1.00
R6DIABE	10600	0.11	0.32	0.00	1.00
R7DIABE	9666	0.12	0.33	0.00	1.00
S1DIABE	8062	0.07	0.25	0.00	1.00
S2DIABE	6177	0.08	0.27	0.00	1.00
S3DIABE	6386	0.08	0.27	0.00	1.00
S4DIABE	7395	0.09	0.28	0.00	1.00
S5DIABE	6962	0.10	0.30	0.00	1.00
S6DIABE	7241	0.10	0.31	0.00	1.00
S7DIABE	6560	0.11	0.32	0.00	1.00
R1DIABF	12099	0.05	0.54	0.00	6.00
R2DIABF	9431	0.06	0.58	0.00	6.00
R3DIABF	9771	0.05	0.54	0.00	6.00
R4DIABF	11050	0.04	0.48	0.00	6.00
R5DIABF	10274	0.04	0.44	0.00	6.00
R6DIABF	10601	0.02	0.34	0.00	6.00
R7DIABF	9666	0.01	0.16	0.00	3.00
S1DIABF	8070	0.05	0.54	0.00	6.00
S2DIABF	6177	0.06	0.58	0.00	6.00
S3DIABF	6386	0.05	0.53	0.00	6.00
S4DIABF	7402	0.04	0.49	0.00	6.00
S5DIABF	6964	0.04	0.44	0.00	6.00
S6DIABF	7242	0.03	0.36	0.00	6.00
S7DIABF	6560	0.01	0.17	0.00	3.00
R1CANCRE	12089	0.06	0.23	0.00	1.00
R2CANCRE	9431	0.07	0.26	0.00	1.00
R3CANCRE	9771	0.07	0.26	0.00	1.00
R4CANCRE	11043	0.08	0.27	0.00	1.00
R5CANCRE	10272	0.10	0.29	0.00	1.00
R6CANCRE	10600	0.10	0.30	0.00	1.00
R7CANCRE	9666	0.12	0.32	0.00	1.00
S1CANCRE	8061	0.05	0.23	0.00	1.00
S2CANCRE	6177	0.07	0.26	0.00	1.00
S3CANCRE	6386	0.07	0.25	0.00	1.00
S4CANCRE	7396	0.08	0.26	0.00	1.00
S5CANCRE	6962	0.09	0.29	0.00	1.00
S6CANCRE	7241	0.10	0.30	0.00	1.00
S7CANCRE	6560	0.11	0.31	0.00	1.00
R1CANCRF	12099	0.02	0.37	0.00	6.00
R2CANCRF	9432	0.02	0.35	0.00	6.00
R3CANCRF	9771	0.02	0.34	0.00	6.00
R4CANCRF	11050	0.02	0.30	0.00	6.00
R5CANCRF	10274	0.01	0.27	0.00	6.00
R6CANCRF	10601	0.01	0.21	0.00	6.00
R7CANCRF	9666	0.00	0.10	0.00	3.00
S1CANCRF	8070	0.02	0.36	0.00	6.00
S2CANCRF	6178	0.02	0.30	0.00	6.00
S3CANCRF	6386	0.02	0.32	0.00	6.00
S4CANCRF	7402	0.02	0.30	0.00	6.00
S5CANCRF	6964	0.01	0.27	0.00	6.00
S6CANCRF	7242	0.01	0.21	0.00	6.00
S7CANCRF	6560	0.00	0.10	0.00	3.00
R1LUNGE	12089	0.06	0.23	0.00	1.00
R2LUNGE	9431	0.06	0.24	0.00	1.00

R3LUNGE	9771	0.06	0.23	0.00	1.00
R4LUNGE	11043	0.06	0.23	0.00	1.00
R5LUNGE	10272	0.06	0.24	0.00	1.00
R6LUNGE	10600	0.06	0.24	0.00	1.00
R7LUNGE	9666	0.07	0.25	0.00	1.00
S1LUNGE	8061	0.05	0.22	0.00	1.00
S2LUNGE	6177	0.05	0.23	0.00	1.00
S3LUNGE	6386	0.05	0.21	0.00	1.00
S4LUNGE	7396	0.05	0.21	0.00	1.00
S5LUNGE	6962	0.05	0.22	0.00	1.00
S6LUNGE	7241	0.05	0.22	0.00	1.00
S7LUNGE	6560	0.06	0.23	0.00	1.00
R1LUNGF	12099	0.07	0.63	0.00	6.00
R2LUNGF	9432	0.06	0.56	0.00	6.00
R3LUNGF	9771	0.04	0.47	0.00	6.00
R4LUNGF	11050	0.03	0.44	0.00	6.00
R5LUNGF	10274	0.03	0.38	0.00	6.00
R6LUNGF	10601	0.02	0.30	0.00	6.00
R7LUNGF	9666	0.01	0.15	0.00	3.00
S1LUNGF	8070	0.05	0.56	0.00	6.00
S2LUNGF	6178	0.05	0.49	0.00	6.00
S3LUNGF	6386	0.03	0.41	0.00	6.00
S4LUNGF	7402	0.03	0.37	0.00	6.00
S5LUNGF	6964	0.02	0.32	0.00	6.00
S6LUNGF	7242	0.01	0.26	0.00	6.00
S7LUNGF	6560	0.00	0.12	0.00	3.00
R1HEARTE	12090	0.17	0.37	0.00	1.00
R2HEARTE	9431	0.18	0.39	0.00	1.00
R3HEARTE	9771	0.17	0.37	0.00	1.00
R4HEARTE	11042	0.17	0.37	0.00	1.00
R5HEARTE	10272	0.19	0.39	0.00	1.00
R6HEARTE	10600	0.20	0.40	0.00	1.00
R7HEARTE	9666	0.22	0.42	0.00	1.00
S1HEARTE	8062	0.16	0.36	0.00	1.00
S2HEARTE	6177	0.17	0.37	0.00	1.00
S3HEARTE	6386	0.15	0.36	0.00	1.00
S4HEARTE	7395	0.15	0.36	0.00	1.00
S5HEARTE	6962	0.17	0.38	0.00	1.00
S6HEARTE	7241	0.18	0.38	0.00	1.00
S7HEARTE	6560	0.21	0.41	0.00	1.00
R1HEARTF	12099	0.29	1.30	0.00	6.00
R2HEARTF	9431	0.36	1.41	0.00	6.00
R3HEARTF	9771	0.33	1.32	0.00	6.00
R4HEARTF	11050	0.22	1.06	0.00	6.00
R5HEARTF	10274	0.15	0.84	0.00	6.00
R6HEARTF	10601	0.07	0.57	0.00	6.00
R7HEARTF	9666	0.02	0.26	0.00	3.00
S1HEARTF	8070	0.29	1.30	0.00	6.00
S2HEARTF	6177	0.35	1.39	0.00	6.00
S3HEARTF	6386	0.30	1.28	0.00	6.00
S4HEARTF	7402	0.20	1.02	0.00	6.00
S5HEARTF	6964	0.14	0.82	0.00	6.00
S6HEARTF	7242	0.07	0.57	0.00	6.00
S7HEARTF	6560	0.02	0.27	0.00	3.00
R1STROKE	12090	0.04	0.20	0.00	1.00

R2STROKE	9431	0.05	0.21	0.00	1.00
R3STROKE	9771	0.05	0.21	0.00	1.00
R4STROKE	11042	0.04	0.20	0.00	1.00
R5STROKE	10272	0.05	0.21	0.00	1.00
R6STROKE	10600	0.05	0.21	0.00	1.00
R7STROKE	9666	0.05	0.22	0.00	1.00
S1STROKE	8062	0.04	0.19	0.00	1.00
S2STROKE	6177	0.04	0.20	0.00	1.00
S3STROKE	6386	0.04	0.19	0.00	1.00
S4STROKE	7395	0.04	0.19	0.00	1.00
S5STROKE	6962	0.04	0.19	0.00	1.00
S6STROKE	7241	0.04	0.19	0.00	1.00
S7STROKE	6560	0.04	0.20	0.00	1.00
R1STROKF	12099	0.02	0.38	0.00	6.00
R2STROKF	9431	0.03	0.40	0.00	6.00
R3STROKF	9771	0.02	0.34	0.00	6.00
R4STROKF	11050	0.01	0.29	0.00	6.00
R5STROKF	10274	0.01	0.24	0.00	6.00
R6STROKF	10601	0.00	0.14	0.00	6.00
R7STROKF	9666	0.00	0.05	0.00	3.00
S1STROKF	8070	0.03	0.39	0.00	6.00
S2STROKF	6177	0.03	0.41	0.00	6.00
S3STROKF	6386	0.02	0.34	0.00	6.00
S4STROKF	7402	0.02	0.29	0.00	6.00
S5STROKF	6964	0.01	0.24	0.00	6.00
S6STROKF	7242	0.01	0.15	0.00	6.00
S7STROKF	6560	0.00	0.05	0.00	3.00
R1PSYCHE	12089	0.07	0.25	0.00	1.00
R2PSYCHE	9431	0.09	0.28	0.00	1.00
R3PSYCHE	9771	0.09	0.29	0.00	1.00
R4PSYCHE	11043	0.09	0.29	0.00	1.00
R5PSYCHE	10272	0.10	0.30	0.00	1.00
R6PSYCHE	10600	0.11	0.32	0.00	1.00
R7PSYCHE	9666	0.12	0.33	0.00	1.00
S1PSYCHE	8061	0.06	0.24	0.00	1.00
S2PSYCHE	6177	0.08	0.26	0.00	1.00
S3PSYCHE	6386	0.08	0.27	0.00	1.00
S4PSYCHE	7396	0.08	0.27	0.00	1.00
S5PSYCHE	6962	0.09	0.29	0.00	1.00
S6PSYCHE	7241	0.10	0.30	0.00	1.00
S7PSYCHE	6560	0.10	0.31	0.00	1.00
R1PSYCHF	12099	0.09	0.73	0.00	6.00
R2PSYCHF	9432	0.10	0.77	0.00	6.00
R3PSYCHF	9771	0.11	0.79	0.00	6.00
R4PSYCHF	11050	0.11	0.78	0.00	6.00
R5PSYCHF	10274	0.10	0.76	0.00	6.00
R6PSYCHF	10601	0.08	0.64	0.00	6.00
R7PSYCHF	9666	0.03	0.32	0.00	3.00
S1PSYCHF	8070	0.08	0.71	0.00	6.00
S2PSYCHF	6178	0.10	0.75	0.00	6.00
S3PSYCHF	6386	0.10	0.75	0.00	6.00
S4PSYCHF	7402	0.09	0.73	0.00	6.00
S5PSYCHF	6964	0.09	0.71	0.00	6.00
S6PSYCHF	7242	0.07	0.58	0.00	6.00
S7PSYCHF	6560	0.03	0.29	0.00	3.00

R1ARTHRE	12089	0.30	0.46	0.00	1.00
R2ARTHRE	9431	0.35	0.48	0.00	1.00
R3ARTHRE	9771	0.34	0.47	0.00	1.00
R4ARTHRE	11042	0.34	0.48	0.00	1.00
R5ARTHRE	10272	0.38	0.48	0.00	1.00
R6ARTHRE	10600	0.38	0.49	0.00	1.00
R7ARTHRE	9666	0.39	0.49	0.00	1.00
S1ARTHRE	8061	0.27	0.45	0.00	1.00
S2ARTHRE	6177	0.31	0.46	0.00	1.00
S3ARTHRE	6386	0.30	0.46	0.00	1.00
S4ARTHRE	7395	0.31	0.46	0.00	1.00
S5ARTHRE	6962	0.34	0.47	0.00	1.00
S6ARTHRE	7241	0.34	0.47	0.00	1.00
S7ARTHRE	6560	0.35	0.48	0.00	1.00
R1ARTHRF	12099	0.16	0.97	0.00	6.00
R2ARTHRF	9432	0.19	1.02	0.00	6.00
R3ARTHRF	9771	0.16	0.94	0.00	6.00
R4ARTHRF	11050	0.12	0.82	0.00	6.00
R5ARTHRF	10274	0.10	0.72	0.00	6.00
R6ARTHRF	10601	0.06	0.54	0.00	6.00
R7ARTHRF	9666	0.02	0.26	0.00	3.00
S1ARTHRF	8070	0.16	0.96	0.00	6.00
S2ARTHRF	6178	0.17	0.97	0.00	6.00
S3ARTHRF	6386	0.15	0.91	0.00	6.00
S4ARTHRF	7402	0.12	0.81	0.00	6.00
S5ARTHRF	6964	0.09	0.69	0.00	6.00
S6ARTHRF	7242	0.05	0.52	0.00	6.00
S7ARTHRF	6560	0.02	0.24	0.00	3.00
R1ASTHMAE	12089	0.11	0.32	0.00	1.00
R2ASTHMAE	9431	0.12	0.33	0.00	1.00
R3ASTHMAE	9771	0.13	0.33	0.00	1.00
R4ASTHMAE	11043	0.13	0.33	0.00	1.00
R5ASTHMAE	10272	0.13	0.34	0.00	1.00
R6ASTHMAE	10600	0.13	0.34	0.00	1.00
R7ASTHMAE	9666	0.14	0.35	0.00	1.00
S1ASTHMAE	8061	0.11	0.31	0.00	1.00
S2ASTHMAE	6177	0.12	0.32	0.00	1.00
S3ASTHMAE	6386	0.12	0.33	0.00	1.00
S4ASTHMAE	7396	0.12	0.33	0.00	1.00
S5ASTHMAE	6962	0.13	0.34	0.00	1.00
S6ASTHMAE	7241	0.13	0.34	0.00	1.00
S7ASTHMAE	6560	0.14	0.34	0.00	1.00
R1ASTHMAF	12099	0.05	0.52	0.00	6.00
R2ASTHMAF	9432	0.05	0.52	0.00	6.00
R3ASTHMAF	9771	0.05	0.51	0.00	6.00
R4ASTHMAF	11050	0.04	0.46	0.00	6.00
R5ASTHMAF	10274	0.03	0.39	0.00	6.00
R6ASTHMAF	10601	0.02	0.31	0.00	6.00
R7ASTHMAF	9666	0.01	0.15	0.00	3.00
S1ASTHMAF	8070	0.04	0.49	0.00	6.00
S2ASTHMAF	6178	0.04	0.47	0.00	6.00
S3ASTHMAF	6386	0.04	0.46	0.00	6.00
S4ASTHMAF	7402	0.03	0.41	0.00	6.00
S5ASTHMAF	6964	0.03	0.37	0.00	6.00
S6ASTHMAF	7242	0.02	0.29	0.00	6.00
S7ASTHMAF	6560	0.01	0.13	0.00	3.00

R2HCHOLE	9423	0.18	0.38	0.00	1.00
R3HCHOLE	9771	0.27	0.45	0.00	1.00
R4HCHOLE	11042	0.31	0.46	0.00	1.00
R5HCHOLE	10271	0.37	0.48	0.00	1.00
R6HCHOLE	10599	0.38	0.49	0.00	1.00
R7HCHOLE	9666	0.41	0.49	0.00	1.00
S2HCHOLE	6171	0.18	0.38	0.00	1.00
S3HCHOLE	6386	0.27	0.44	0.00	1.00
S4HCHOLE	7395	0.30	0.46	0.00	1.00
S5HCHOLE	6962	0.36	0.48	0.00	1.00
S6HCHOLE	7240	0.37	0.48	0.00	1.00
S7HCHOLE	6560	0.39	0.49	0.00	1.00
R2HCHOLF	9432	0.17	1.00	0.00	6.00
R3HCHOLF	9771	0.18	1.01	0.00	6.00
R4HCHOLF	11050	0.17	0.98	0.00	6.00
R5HCHOLF	10274	0.16	0.93	0.00	6.00
R6HCHOLF	10601	0.10	0.71	0.00	6.00
R7HCHOLF	9666	0.04	0.33	0.00	3.00
S2HCHOLF	6178	0.17	1.01	0.00	6.00
S3HCHOLF	6386	0.17	1.00	0.00	6.00
S4HCHOLF	7402	0.16	0.96	0.00	6.00
S5HCHOLF	6964	0.15	0.91	0.00	6.00
S6HCHOLF	7242	0.09	0.68	0.00	6.00
S7HCHOLF	6560	0.04	0.33	0.00	3.00
R1CATRCTE	12084	0.12	0.33	0.00	1.00
R2CATRCTE	9423	0.16	0.36	0.00	1.00
R3CATRCTE	9771	0.16	0.37	0.00	1.00
R4CATRCTE	11042	0.18	0.38	0.00	1.00
R5CATRCTE	10272	0.21	0.41	0.00	1.00
R6CATRCTE	10598	0.24	0.42	0.00	1.00
R7CATRCTE	9666	0.28	0.45	0.00	1.00
S1CATRCTE	8061	0.09	0.29	0.00	1.00
S2CATRCTE	6173	0.11	0.32	0.00	1.00
S3CATRCTE	6386	0.12	0.32	0.00	1.00
S4CATRCTE	7396	0.14	0.35	0.00	1.00
S5CATRCTE	6962	0.17	0.37	0.00	1.00
S6CATRCTE	7240	0.19	0.39	0.00	1.00
S7CATRCTE	6560	0.23	0.42	0.00	1.00
R1CATRCTF	12099	0.17	1.00	0.00	6.00
R2CATRCTF	9432	0.19	1.04	0.00	6.00
R3CATRCTF	9771	0.16	0.95	0.00	6.00
R4CATRCTF	11050	0.14	0.89	0.00	6.00
R5CATRCTF	10274	0.13	0.82	0.00	6.00
R6CATRCTF	10601	0.08	0.62	0.00	6.00
R7CATRCTF	9666	0.03	0.29	0.00	3.00
S1CATRCTF	8070	0.17	0.99	0.00	6.00
S2CATRCTF	6178	0.18	1.00	0.00	6.00
S3CATRCTF	6386	0.15	0.90	0.00	6.00
S4CATRCTF	7402	0.14	0.87	0.00	6.00
S5CATRCTF	6964	0.11	0.77	0.00	6.00
S6CATRCTF	7242	0.07	0.59	0.00	6.00
S7CATRCTF	6560	0.03	0.28	0.00	3.00
R1PARKINE	12070	0.00	0.07	0.00	1.00
R2PARKINE	9431	0.01	0.08	0.00	1.00

R3PARKINE	9771	0.01	0.08	0.00	1.00
R4PARKINE	11043	0.01	0.08	0.00	1.00
R5PARKINE	10272	0.01	0.08	0.00	1.00
R6PARKINE	10600	0.01	0.09	0.00	1.00
R7PARKINE	9666	0.01	0.09	0.00	1.00
S1PARKINE	8047	0.00	0.07	0.00	1.00
S2PARKINE	6177	0.01	0.07	0.00	1.00
S3PARKINE	6386	0.01	0.08	0.00	1.00
S4PARKINE	7396	0.01	0.08	0.00	1.00
S5PARKINE	6962	0.01	0.08	0.00	1.00
S6PARKINE	7241	0.01	0.09	0.00	1.00
S7PARKINE	6560	0.01	0.09	0.00	1.00
R1PARKINF	12099	0.00	0.14	0.00	6.00
R2PARKINF	9432	0.00	0.15	0.00	6.00
R3PARKINF	9771	0.00	0.13	0.00	6.00
R4PARKINF	11050	0.00	0.14	0.00	6.00
R5PARKINF	10274	0.00	0.12	0.00	6.00
R6PARKINF	10601	0.00	0.08	0.00	6.00
R7PARKINF	9666	0.00	0.03	0.00	3.00
S1PARKINF	8070	0.00	0.13	0.00	6.00
S2PARKINF	6178	0.00	0.15	0.00	6.00
S3PARKINF	6386	0.00	0.14	0.00	6.00
S4PARKINF	7402	0.00	0.10	0.00	6.00
S5PARKINF	6964	0.00	0.07	0.00	6.00
S6PARKINF	7242	0.00	0.05	0.00	3.00
S7PARKINF	6560	0.00	0.00	0.00	0.00
R1HIPE	6922	0.02	0.13	0.00	1.00
R2HIPE	6188	0.03	0.16	0.00	1.00
R3HIPE	5971	0.03	0.18	0.00	1.00
R4HIPE	7424	0.03	0.18	0.00	1.00
R5HIPE	7668	0.04	0.19	0.00	1.00
R6HIPE	7832	0.05	0.21	0.00	1.00
R7HIPE	7628	0.05	0.22	0.00	1.00
S1HIPE	4141	0.01	0.11	0.00	1.00
S2HIPE	3691	0.01	0.12	0.00	1.00
S3HIPE	3471	0.01	0.12	0.00	1.00
S4HIPE	4555	0.01	0.11	0.00	1.00
S5HIPE	4807	0.01	0.11	0.00	1.00
S6HIPE	4997	0.01	0.12	0.00	1.00
S7HIPE	4832	0.02	0.13	0.00	1.00

Categorical Variable Codes

Value	R1HIBPE	R2HIBPE	R3HIBPE	R4HIBPE	R5HIBPE	R6HIBPE	R7HIBPE
.d:DK	6			4	1		
.m:Missing		1					
.r:Refuse	3			4	1	1	
0.no	7780	5553	5786	6617	5820	6088	5453
1.yes	4310	3878	3985	4425	4452	4512	4213

Value	S1HIBPE	S2HIBPE	S3HIBPE	S4HIBPE	S5HIBPE	S6HIBPE	S7HIBPE
.d:DK	5			3	1		
.m:Missing		1					
.r:Refuse	3			4	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	5298	3748	3948	4631	4154	4353	3895
1.yes	2764	2429	2438	2764	2808	2888	2665

Value	R1HIBPF	R2HIBPF	R3HIBPF	R4HIBPF	R5HIBPF	R6HIBPF	R7HIBPF
.m:Missing		9058					
0.No dispute, no change	11814	9162	9516	10817	10071	10431	9575
3.Disp, set to N		37	69	46	51	80	91
6.Disp aft, set to N	285	232	186	187	152	90	

Value	S1HIBPF	S2HIBPF	S3HIBPF	S4HIBPF	S5HIBPF	S6HIBPF	S7HIBPF
.m:Missing		1					
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	7881	6007	6238	7260	6848	7144	6510
3.Disp, set to N		23	39	28	31	46	50
6.Disp aft, set to N	189	147	109	114	85	52	

Value	R1DIABE	R2DIABE	R3DIABE	R4DIABE	R5DIABE	R6DIABE	R7DIABE
.d:DK	6			4	1		
.m:Missing		1					
.r:Refuse	3			4	1	1	
0.no	11249	8679	8922	10026	9159	9409	8481
1.yes	841	752	849	1016	1113	1191	1185

Value	S1DIABE	S2DIABE	S3DIABE	S4DIABE	S5DIABE	S6DIABE	S7DIABE
.d:DK	5			3	1		
.m:Missing		1					
.r:Refuse	3			4	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	7516	5696	5868	6763	6275	6489	5824
1.yes	546	481	518	632	687	752	736

Value	R1DIABF	R2DIABF	R3DIABF	R4DIABF	R5DIABF	R6DIABF	R7DIABF
.m:Missing		9058					
0.No dispute, no change	12002	9338	9674	10961	10202	10544	9639
3.Disp, set to N		7	24	23	22	30	27
6.Disp aft, set to N	97	86	73	66	50	27	

Value	S1DIABF	S2DIABF	S3DIABF	S4DIABF	S5DIABF	S6DIABF	S7DIABF
.m:Missing		1					
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	8004	6114	6324	7342	6916	7203	6539
3.Disp, set to N		6	15	14	13	17	21
6.Disp aft, set to N	66	57	47	46	35	22	

Value	R1CANCRE	R2CANCRE	R3CANCRE	R4CANCRE	R5CANCRE	R6CANCRE	R7CANCRE
.d:DK	6			4	1		
.r:Refuse	4	1		3	1	1	
0.no	11384	8753	9063	10193	9293	9527	8554
1.yes	705	678	708	850	979	1073	1112

Value	S1CANCRE	S2CANCRE	S3CANCRE	S4CANCRE	S5CANCRE	S6CANCRE	S7CANCRE
.d:DK	6			3	1		
.r:Refuse	3	1		3	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	7625	5743	5951	6835	6336	6534	5841
1.yes	436	434	435	561	626	707	719

Value	R1CANCRF	R2CANCRF	R3CANCRF	R4CANCRF	R5CANCRF	R6CANCRF	R7CANCRF
0.No dispute, no change	12052	9389	9733	11014	10249	10581	9656
3.Disp, set to N		14	9	11	6	10	10
6.Disp aft, set to N	47	29	29	25	19	10	

Value	S1CANCRF	S2CANCRF	S3CANCRF	S4CANCRF	S5CANCRF	S6CANCRF	S7CANCRF
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	8041	6156	6366	7380	6947	7229	6553
3.Disp, set to N		8	3	5	4	6	7
6.Disp aft, set to N	29	14	17	17	13	7	

Value	R1LUNGE	R2LUNGE	R3LUNGE	R4LUNGE	R5LUNGE	R6LUNGE	R7LUNGE

.d:DK	6			4	1		
.r:Refuse	4	1		3	1	1	
0.no	11415	8841	9222	10421	9637	9929	9014
1.yes	674	590	549	622	635	671	652

Value	S1LUNGE	S2LUNGE	S3LUNGE	S4LUNGE	S5LUNGE	S6LUNGE	S7LUNGE
.d:DK	6			3	1		
.r:Refuse	3	1		3	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	7667	5846	6088	7055	6609	6871	6191
1.yes	394	331	298	341	353	370	369

Value	R1LUNGF	R2LUNGF	R3LUNGF	R4LUNGF	R5LUNGF	R6LUNGF	R7LUNGF
0.No dispute, no change	11966	9308	9690	10978	10216	10561	9643
3.Disp, set to N		56	28	18	22	19	23
6.Disp aft, set to N	133	68	53	54	36	21	

Value	S1LUNGF	S2LUNGF	S3LUNGF	S4LUNGF	S5LUNGF	S6LUNGF	S7LUNGF
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	8000	6112	6346	7363	6938	7219	6550
3.Disp, set to N		33	13	14	8	12	10
6.Disp aft, set to N	70	33	27	25	18	11	

Value	R1HEARTE	R2HEARTE	R3HEARTE	R4HEARTE	R5HEARTE	R6HEARTE	R7HEARTE
.d:DK	6			4	1		
.m:Missing		1					
.r:Refuse	3			4	1	1	
0.no	10052	7714	8130	9203	8299	8492	7506
1.yes	2038	1717	1641	1839	1973	2108	2160

Value	S1HEARTE	S2HEARTE	S3HEARTE	S4HEARTE	S5HEARTE	S6HEARTE	S7HEARTE
.d:DK	5			3	1		
.m:Missing		1					
.r:Refuse	3			4	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	6806	5145	5417	6294	5774	5936	5203
1.yes	1256	1032	969	1101	1188	1305	1357

Value	R1HEARTF	R2HEARTF	R3HEARTF	R4HEARTF	R5HEARTF	R6HEARTF	R7HEARTF
.m:Missing		9058					
0.No dispute, no change	11506	8858	9185	10538	9932	10429	9590
3.Disp, set to N		21	108	203	180	99	76
6.Disp aft, set to N	593	552	478	309	162	73	

Value	S1HEARTF	S2HEARTF	S3HEARTF	S4HEARTF	S5HEARTF	S6HEARTF	S7HEARTF
.m:Missing		1					
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	7674	5814	6033	7090	6749	7133	6506
3.Disp, set to N		12	59	119	110	58	54
6.Disp aft, set to N	396	351	294	193	105	51	

Value	R1STROKE	R2STROKE	R3STROKE	R4STROKE	R5STROKE	R6STROKE	R7STROKE
.d:DK	6			4	1		
.m:Missing		1					
.r:Refuse	3			4	1	1	
0.no	11599	8984	9329	10567	9792	10096	9189
1.yes	491	447	442	475	480	504	477

Value	S1STROKE	S2STROKE	S3STROKE	S4STROKE	S5STROKE	S6STROKE	S7STROKE
.d:DK	5			3	1		
.m:Missing		1					
.r:Refuse	3			4	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	7774	5926	6158	7124	6695	6961	6297
1.yes	288	251	228	271	267	280	263

Value	R1STROKF	R2STROKF	R3STROKF	R4STROKF	R5STROKF	R6STROKF	R7STROKF
.m:Missing		9058					
0.No dispute, no change	12051	9389	9728	11018	10249	10587	9663
3.Disp, set to N			15	9	11	11	3
6.Disp aft, set to N	48	42	28	23	14	3	

Value	S1STROKF	S2STROKF	S3STROKF	S4STROKF	S5STROKF	S6STROKF	S7STROKF
.m:Missing		1					
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	8035	6148	6358	7380	6947	7232	6558
3.Disp, set to N			10	6	8	7	2
6.Disp aft, set to N	35	29	18	16	9	3	

Value	R1PSYCHE	R2PSYCHE	R3PSYCHE	R4PSYCHE	R5PSYCHE	R6PSYCHE	R7PSYCHE
.d:DK	6			4	1		
.r:Refuse	4	1		3	1	1	
0.no	11267	8627	8884	10008	9216	9410	8494
1.yes	822	804	887	1035	1056	1190	1172

Value	S1PSYCHE	S2PSYCHE	S3PSYCHE	S4PSYCHE	S5PSYCHE	S6PSYCHE	S7PSYCHE
.d:DK	6			3	1		
.r:Refuse	3	1		3	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	7582	5713	5888	6809	6324	6522	5876
1.yes	479	464	498	587	638	719	684

Value	R1PSYCHF	R2PSYCHF	R3PSYCHF	R4PSYCHF	R5PSYCHF	R6PSYCHF	R7PSYCHF
0.No dispute, no change	11917	9262	9586	10841	10084	10428	9556
3.Disp, set to N		14	16	27	30	69	110
6.Disp aft, set to N	182	156	169	182	160	104	

Value	S1PSYCHF	S2PSYCHF	S3PSYCHF	S4PSYCHF	S5PSYCHF	S6PSYCHF	S7PSYCHF
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	7957	6074	6279	7279	6852	7144	6496
3.Disp, set to N		8	8	15	16	39	64
6.Disp aft, set to N	113	96	99	108	96	59	

Value	R1ARTHRE	R2ARTHRE	R3ARTHRE	R4ARTHRE	R5ARTHRE	R6ARTHRE	R7ARTHRE
.d:DK	6			4	1		
.m:Missing				1			
.r:Refuse	4	1		3	1	1	
0.no	8437	6153	6449	7242	6406	6577	5881
1.yes	3652	3278	3322	3800	3866	4023	3785

Value	S1ARTHRE	S2ARTHRE	S3ARTHRE	S4ARTHRE	S5ARTHRE	S6ARTHRE	S7ARTHRE
.d:DK	6			3	1		
.m:Missing				1			
.r:Refuse	3	1		3	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	5866	4232	4447	5112	4615	4761	4250
1.yes	2195	1945	1939	2283	2347	2480	2310

Value	R1ARTHRF	R2ARTHRF	R3ARTHRF	R4ARTHRF	R5ARTHRF	R6ARTHRF	R7ARTHRF
0.No dispute, no change	11771	9116	9480	10787	10067	10462	9592
3.Disp, set to N		48	61	68	77	68	74
6.Disp aft, set to N	328	268	230	195	130	71	

Value	S1ARTHRF	S2ARTHRF	S3ARTHRF	S4ARTHRF	S5ARTHRF	S6ARTHRF	S7ARTHRF
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	7860	5989	6213	7232	6834	7154	6516
3.Disp, set to N		31	30	43	47	45	44
6.Disp aft, set to N	210	158	143	127	83	43	

Value	R1ASTHMAE	R2ASTHMAE	R3ASTHMAE	R4ASTHMAE	R5ASTHMAE	R6ASTHMAE	R7ASTHMAE
.d:DK	6			4	1		
.r:Refuse	4	1		3	1	1	

0.no	10731	8280	8539	9645	8909	9176	8316
1.yes	1358	1151	1232	1398	1363	1424	1350

Value	S1ASTHMAE	S2ASTHMAE	S3ASTHMAE	S4ASTHMAE	S5ASTHMAE	S6ASTHMAE	S7ASTHMAE
.d:DK	6			3	1		
.r:Refuse	3	1		3	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	7183	5447	5600	6483	6058	6289	5655
1.yes	878	730	786	913	904	952	905

Value	R1ASTHMAF	R2ASTHMAF	R3ASTHMAF	R4ASTHMAF	R5ASTHMAF	R6ASTHMAF	R7ASTHMAF
0.No dispute, no change	12007	9348	9685	10972	10210	10555	9641
3.Disp, set to N		16	19	17	26	23	25
6.Disp aft, set to N	92	68	67	61	38	23	

Value	S1ASTHMAF	S2ASTHMAF	S3ASTHMAF	S4ASTHMAF	S5ASTHMAF	S6ASTHMAF	S7ASTHMAF
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	8016	6132	6342	7360	6928	7214	6547
3.Disp, set to N		11	9	9	12	15	13
6.Disp aft, set to N	54	35	35	33	24	13	

Value		R2HCHOLE	R3HCHOLE	R4HCHOLE	R5HCHOLE	R6HCHOLE	R7HCHOLE
.d:DK		8		4	1		
.r:Refuse		1		4	2	2	
0.no		7770	7099	7641	6499	6582	5747
1.yes		1653	2672	3401	3772	4017	3919

Value		S2HCHOLE	S3HCHOLE	S4HCHOLE	S5HCHOLE	S6HCHOLE	S7HCHOLE
.d:DK		6		3	1		
.r:Refuse		1		4	1	2	
.u:Unmar		2671	2708	2932	2742	2802	2548
.v:SP NR		583	677	716	568	557	558
0.no		5072	4671	5196	4474	4572	3995
1.yes		1099	1715	2199	2488	2668	2565

Value		R2HCHOLF	R3HCHOLF	R4HCHOLF	R5HCHOLF	R6HCHOLF	R7HCHOLF
0.No dispute, no change		9163	9471	10711	9969	10350	9544
3.Disp, set to N			19	48	70	132	122
6.Disp aft, set to N		269	281	291	235	119	

Value		S2HCHOLF	S3HCHOLF	S4HCHOLF	S5HCHOLF	S6HCHOLF	S7HCHOLF
.u:Unmar		2671	2708	2932	2742	2802	2548
.v:SP NR		583	677	716	568	557	558
0.No dispute, no change		5999	6195	7183	6769	7089	6480
3.Disp, set to N			11	34	41	77	80
6.Disp aft, set to N		179	180	185	154	76	

Value	R1CATRCTE	R2CATRCTE	R3CATRCTE	R4CATRCTE	R5CATRCTE	R6CATRCTE	R7CATRCTE
.d:DK	12	8		4	1	2	
.r:Refuse	3	1		4	1	1	
0.no	10610	7949	8185	9080	8076	8105	6985
1.yes	1474	1474	1586	1962	2196	2493	2681

Value	S1CATRCTE	S2CATRCTE	S3CATRCTE	S4CATRCTE	S5CATRCTE	S6CATRCTE	S7CATRCTE
.d:DK	6	4		2	1	1	
.r:Refuse	3	1		4	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	7338	5467	5649	6369	5789	5862	5026
1.yes	723	706	737	1027	1173	1378	1534

Value	R1CATRCTF	R2CATRCTF	R3CATRCTF	R4CATRCTF	R5CATRCTF	R6CATRCTF	R7CATRCTF
0.No dispute, no change	11750	9099	9476	10761	10019	10415	9574
3.Disp, set to N		54	59	54	81	95	92
6.Disp aft, set to N	349	279	236	235	174	91	

Value	S1CATRCTF	S2CATRCTF	S3CATRCTF	S4CATRCTF	S5CATRCTF	S6CATRCTF	S7CATRCTF
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558

0.No dispute, no change	7843	5979	6214	7219	6804	7131	6502
3.Disp, set to N		27	34	32	56	52	58
6.Disp aft, set to N	227	172	138	151	104	59	

Value	R1PARKINE	R2PARKINE	R3PARKINE	R4PARKINE	R5PARKINE	R6PARKINE	R7PARKINE
.d:DK	6			4	1		
.m:Missing	19						
.r:Refuse	4	1		3	1	1	
0.no	12016	9377	9708	10969	10200	10522	9584
1.yes	54	54	63	74	72	78	82

Value	S1PARKINE	S2PARKINE	S3PARKINE	S4PARKINE	S5PARKINE	S6PARKINE	S7PARKINE
.d:DK	6			3	1		
.m:Missing	14						
.r:Refuse	3	1		3	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	8011	6144	6349	7349	6915	7187	6505
1.yes	36	33	37	47	47	54	55

Value	R1PARKINF	R2PARKINF	R3PARKINF	R4PARKINF	R5PARKINF	R6PARKINF	R7PARKINF
0.No dispute, no change	12092	9425	9765	11043	10269	10596	9665
3.Disp, set to N		1	2	1	1	4	1
6.Disp aft, set to N	7	6	4	6	4	1	

Value	S1PARKINF	S2PARKINF	S3PARKINF	S4PARKINF	S5PARKINF	S6PARKINF	S7PARKINF
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	8066	6174	6382	7399	6963	7240	6560
3.Disp, set to N			1	1		2	
6.Disp aft, set to N	4	4	3	2	1		

Value	R1HIPE	R2HIPE	R3HIPE	R4HIPE	R5HIPE	R6HIPE	R7HIPE
.a:less than age 60	4853	3186	3861	3729	2739	2937	2257
.d:DK	8	1	1	4	5	2	1
.m:Missing	127	93	5	1	1		
.r:Refuse	189	3			4	4	7
0.no	6795	6024	5767	7170	7366	7478	7221
1.yes	127	164	204	254	302	354	407

Value	S1HIPE	S2HIPE	S3HIPE	S4HIPE	S5HIPE	S6HIPE	S7HIPE
.a:less than age 60	3703	2419	2913	2843	2149	2241	1722
.d:DK	6			4	5	1	1
.m:Missing	80	65	2				
.r:Refuse	140	3			3	3	5
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	4094	3638	3420	4503	4743	4924	4752
1.yes	47	53	51	52	64	73	80

How Constructed

RwHIBPE, RwDIABE, RwCANCRE, RwLUNGE, RwHEARTE, RwSTROKE, RwPSYCHE, RwARTHRE, RwASTHMAE, RwHCHOLE, RwCATRCTE, RwPARKINE, and RwHIPE indicate the respondent's answer to the question regarding whether or not a doctor has told the respondent he/she had a specific condition. The exact question wording depends on whether this is a first interview or whether the condition was reported at a prior interview. A code of 0 indicates that the respondent does not report having been told by a doctor he/she has the condition. A code of 1 indicates that the respondent reports having been told by a doctor he/she has the condition. Don't know, refused, or other missing values of RwHIBPE, RwDIABE, RwCANCRE, RwLUNGE, RwHEARTE, RwSTROKE, RwPSYCHE, RwARTHRE, RwASTHMAE, RwHCHOLE, RwCATRCTE, RwPARKINE, and RwHIPE are assigned special missing codes .d, .r, .m, respectively. A special missing value .o is used when the respondent reported a condition which did not have a specific coding in the ELSA. RwHIBPE, RwDIABE, RwCANCRE, RwLUNGE, RwHEARTE, RwSTROKE, RwPSYCHE, RwARTHRE, RwASTHMAE, RwHCHOLE, RwCATRCTE, RwPARKINE, and RwHIPE are set to plain missing (.) for respondents who did not respond to the current wave.

RwHIBPE indicates whether the respondent reported having high blood pressure or hypertension.

RwDIABE indicates whether the respondent reported having diabetes or high blood sugar.

RwCANCRE indicates whether the respondent reported having cancer or a malignant tumor (excluding minor skin cancers).

RwLUNGE indicates whether the respondent reported having chronic lung disease such as chronic bronchitis or emphysema.

RwHEARTE indicates whether the respondent reported having angina, a heart attack (including myocardial infarction or coronary thrombosis), congestive heart failure, a heart murmur, an abnormal heart rhythm, or any other heart trouble. ELSA surveys each of the conditions separately, so RwHEARTE indicates whether the respondent reported any of these conditions.

RwSTROKE indicates whether the respondent reported having a stroke (cerebrovascular disease).

RwPSYCHE indicates whether the respondent reported having any emotional, nervous, or psychiatric problems.

RwARTHRE indicates whether the respondent reported having arthritis (including osteoarthritis or rheumatism).

RwASTHMAE indicates whether the respondent reported having asthma.

RwHCHOLE indicates whether the respondent reported having high cholesterol, starting in wave 2.

RwCATRCTE indicates whether the respondent reported having cataracts.

RwPARKINE indicates whether the respondent reported having Parkinson's disease.

RwHIPE indicates whether the respondent reported fracturing their hip. Respondents younger than age 60 are not asked this question, so these respondents are assigned special missing .a. Starting in wave 2, respondents are asked if they have broken their hip since the last interview, rather than if they have ever broken their hip.

In the ELSA, respondents identify new conditions by selecting conditions a doctor has told them they have from a card containing a list of conditions.

SwHIBPE, SwDIABE, SwCANCRE, SwLUNGE, SwHEARTE, SwSTROKE, SwPSYCHE, SwARTHRE, SwASTHMAE, SwHCHOLE, SwCATRCTE, SwPARKINE, and SwHIPE indicate whether the respondent’s spouse reported ever being told by a doctor he/she has any of these conditions and are taken directly from the spouse’s responses to RwHIBPE, RwDIABE, RwCANCRE, RwLUNGE, RwHEARTE, RwSTROKE, RwPSYCHE, RwARTHRE, RwASTHMAE, RwHCHOLE, RwCATRCTE, RwPARKINE, and RwHIPE, respectively. In addition to the special missing codes used in RwHIBPE, RwDIABE, RwCANCRE, RwLUNGE, RwHEARTE, RwSTROKE, RwPSYCHE, RwARTHRE, RwASTHMAE, RwHCHOLE, RwCATRCTE, RwPARKINE, and RwHIPE, SwHIBPE, SwDIABE, SwCANCRE, SwLUNGE, SwHEARTE, SwSTROKE, SwPSYCHE, SwARTHRE, SwASTHMAE, SwHCHOLE, SwCATRCTE, SwPARKINE, and SwHIPE employ two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

From the 2nd wave forward, if the respondent previously reported ever having a condition (a preloaded condition) then he/she is first asked to confirm or dispute ever having this condition. After that he/she is asked to identify any new conditions. If any condition is disputed, all prior wave reports are set to no. For example, if a report of high blood pressure is disputed in wave 3, then R1HIBPE and R2HIBPE are set to no. Please note that respondents are not asked to confirm or dispute hip fractures.

RwHIBPF, RwDIABF, RwCANCRF, RwLUNGF, RwHEARTF, RwSTROKF, RwPSYCHF, RwARTHRF, RwASTHMAF, RwHCHOLF, RwCATRCTF, and RwPARKINF indicate whether a condition is disputed at the current interview or a later interview. These flag variables differentiate between instances where the respondent was asked to dispute a condition they had never reported (a mistake in the preloaded condition) and instances where the respondent disputed a condition which they had previously reported. The codes for the flag variables are: 0) no dispute and no change; 2) disputes preloaded condition indicating prior report of condition, and data shows no prior report of condition - set current report to no; 3) disputes preloaded condition indicating prior report of condition, and data agrees with preloaded condition, set current and prior waves to no; 6) dispute of preloaded condition at a later wave has changed this wave's report from yes to no.

SwHIBPF, SwDIABF, SwCANCRF, SwLUNGF, SwHEARTF, SwSTROKF, SwPSYCHF, SwARTHRF, SwASTHMAF, SwHCHOLF, SwCATRCTF, and SwPARKINF are taken directly from the spouse's responses to RwHIBPF, RwDIABF, RwCANCRF, RwLUNGF, RwHEARTF, RwSTROKF, RwPSYCHF, RwARTHRF, RwASTHMAF, RwHCHOLF, RwCATRCTF, and RwPARKINF, respectively. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

From the 2nd wave forward, if the respondent previously reported ever having a condition then he/she is first asked to confirm or dispute ever having this condition. After that he/she is asked to identify any new conditions. Respondents are not asked to confirm or dispute hip fractures.

High cholesterol is only asked starting in wave 2.

Differences with the RAND HRS

Unlike the HRS, ELSA surveys angina, a heart attack (including myocardial infarction or coronary thrombosis), congestive heart failure, a heart murmur, an abnormal heart rhythm, or any other heart trouble separately, so RwHEARTE indicates whether the respondent reported any of these conditions. Also unlike the HRS, ELSA surveys whether the respondent reports being told by a doctor that they have asthma.

ELSA Variables Used

Wave 1 Core:

HEDIB01	has a doctor ever told you that you [have/have had] any
HEDIB02	has a doctor ever told you that you [have/have had] any
HEDIB03	has a doctor ever told you that you [have/have had] any
HEDIB04	has a doctor ever told you that you [have/have had] any
HEDIB05	has a doctor ever told you that you [have/have had] any
HEDIB06	has a doctor ever told you that you [have/have had] any
HEDIB07	has a doctor ever told you that you [have/have had] any
HEDIB08	has a doctor ever told you that you [have/have had] any
HEDIB09	has a doctor ever told you that you [have/have had] any
HEDIB10	has a doctor ever told you that you [have/have had] any
HEDIM01	merged - has a doctor ever told you that you [have/have
HEDIM02	merged - has a doctor ever told you that you [have/have
HEDIM03	merged - has a doctor ever told you that you [have/have
HEDIM04	merged - has a doctor ever told you that you [have/have
HEDIM05	merged - has a doctor ever told you that you [have/have
HEDIM06	merged - has a doctor ever told you that you [have/have
HEDIM07	merged - has a doctor ever told you that you [have/have
HEFRAC	have you ever fractured your hip?
HEOPT1	has a doctor or optician ever told you that [have/have h
HEOPT2	has a doctor or optician ever told you that [have/have h
HEOPT3	has a doctor or optician ever told you that [have/have h
HEOPT4	has a doctor or optician ever told you that [have/have h
HEOPT5	has a doctor or optician ever told you that [have/have h

Wave 2 Core:

BHEOPT1	diagnosed eye condition reported at wave 1 (1st mention)
BHEOPT2	diagnosed eye condition reported at wave 1 (2nd mention)
BHEOPT3	diagnosed eye condition reported at wave 1 (3rd mention)
BHEOPT4	diagnosed eye condition reported at wave 1 (4th mention)
HEDIA01	diagnosed cardiovascular condition newly reported at w2
HEDIA02	diagnosed cardiovascular condition newly reported at w2
HEDIA03	diagnosed cardiovascular condition newly reported at w2
HEDIA04	diagnosed cardiovascular condition newly reported at w2
HEDIA05	diagnosed cardiovascular condition newly reported at w2
HEDIA06	diagnosed cardiovascular condition newly reported at w2
HEDIA07	diagnosed cardiovascular condition newly reported at w2
HEDIA08	diagnosed cardiovascular condition newly reported at w2

HEDIA09	diagnosed cardiovascular condition newly reported at w2
HEDIAC1	whether confirms high blood pressure recorded in wave 1
HEDIAC2	whether confirms angina recorded in wave 1
HEDIAC3	whether confirms heart attack recorded in wave 1
HEDIAC4	whether confirms congestive heart failure recorded in wa
HEDIAC5	whether confirms heart murmur recorded in wave 1
HEDIAC6	whether confirms abnormal heart rhythm recorded in wave
HEDIAC7	whether confirms diabetes recorded in wave 1
HEDIAC8	whether confirms stroke recorded in wave 1
HEDIAC9	whether confirms other heart problem recorded in wave 1
HEDIAD1	whether confirms chronic lung disease recorded in wave 1
HEDIAD2	whether confirms asthma recorded in wave 1
HEDIAD3	whether confirms arthritis recorded in wave 1
HEDIAD5	whether confirms cancer recorded in wave 1
HEDIAD6	whether confirms parkinsons disease recorded in wave 1
HEDIAD7	whether confirms psychiatric problems recorded in wave 1
HEDIB01	diagnosed chronic condition newly reported at w2 (1st me
HEDIB02	diagnosed chronic condition newly reported at w2 (2nd me
HEDIB03	diagnosed chronic condition newly reported at w2 (3rd me
HEDIB04	diagnosed chronic condition newly reported at w2 (4th me
HEDIM01	diagnosed cardiovascular condit. newly reported at w2 (1
HEDIM02	diagnosed cardiovascular condit. newly reported at w2 (2
HEDIM03	diagnosed cardiovascular condit. newly reported at w2 (3
HEDIM04	diagnosed cardiovascular condit. newly reported at w2 (4
HEDIM05	diagnosed cardiovascular condit. newly reported at w2 (5
HEDIM06	diagnosed cardiovascular condit. newly reported at w2 (6
HEDIM07	diagnosed cardiovascular condit. newly reported at w2 (7
HEDIM08	diagnosed cardiovascular condit. newly reported at w2 (8
HEFRAC	whether fractured hip
HEOPC	whether confirms diagnosed eye condition recorded in wav
HEOPT1	diagnosed eye condition newly reported at w2 (1st mentio
HEOPT2	diagnosed eye condition newly reported at w2 (2nd mentio

Wave 3 Core:

HEDACAN	whether confirms angina diagnosis
HEDACAR	whether confirms abnormal heart rhythm diagnosis
HEDACBP	whether confirms high blood pressure diagnosis
HEDACCH	whether confirms high cholesterol diagnosis
HEDACDI	whether confirms diabetes or high blood sugar diagnosis
HEDACHF	whether confirms congestive heart failure diagnosis
HEDACHM	whether confirms heart murmur diagnosis
HEDACMI	whether confirms heart attack diagnosis
HEDACOT	whether confirms other heart disease diagnosis
HEDACST	whether confirms stroke diagnosis
HEDBDAR	whether confirms arthritis diagnosis
HEDBDAS	whether confirms asthma diagnosis
HEDBDCA	whether confirms cancer diagnosis
HEDBDLU	whether confirms lung disease diagnosis
HEDBDPD	whether confirms parkinsons disease diagnosis
HEDBDPS	whether confirms psychiatric condition diagnosis
HEDIBAR	(d) ever reported arthritis (diagnosed)
HEDIBAS	(d) ever reported asthma (diagnosed)
HEDIBCA	(d) ever reported cancer (diagnosed)
HEDIBLU	(d) ever reported hedibonic lung disease (diagnosed)
HEDIBPD	(d) ever reported parkinson's disease (diagnosed)
HEDIBPS	(d) ever reported psychiatric disease (diagnosed)
HEDIM85	cvd:heart disease diagnosis newly reported does not fit
HEDIMAN	(d) ever reported angina (diagnosed)
HEDIMAR	(d) ever reported arrhythmia (diagnosed)
HEDIMBP	(d) ever reported high blood pressure (diagnosed)
HEDIMCH	(d) ever reported high cholesterol
HEDIMDI	(d) ever reported diabetes or high blood sugar (diagnose
HEDIMHF	(d) ever reported congestive heart failure (diagnosed)
HEDIMHM	(d) ever reported heart murmur (diagnosed)

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    HEDIMMI        (d) ever reported myocardial infarction (diagnosed)
    HEDIMST        (d) ever reported stroke
    HEFRAC         whether fractured hip
    HEOPCCA        whether confirms cataract diagnosis
    HEOPTCA        (d) ever reported cataract (diagnosed)
Wave 4 Core:
    HEDACAN        whether confirms angina diagnosis
    HEDACAR        whether confirms abnormal heart rhythm diagnosis
    HEDACBP        whether confirms high blood pressure diagnosis
    HEDACCH        whether confirms high cholesterol diagnosis
    HEDACDI        whether confirms diabetes or high blood sugar diagnosis
    HEDACHF        whether confirms congestive heart failure diagnosis
    HEDACHM        whether confirms heart murmur diagnosis
    HEDACMI        whether confirms heart attack diagnosis
    HEDACOT        whether confirms other heart disease diagnosis
    HEDACST        whether confirms stroke diagnosis
    HEDBDAR        whether confirms arthritis diagnosis
    HEDBDAS        whether confirms asthma diagnosis
    HEDBDCA        whether confirms cancer diagnosis
    HEDBDLU        whether confirms lung disease diagnosis
    HEDBDPD        whether confirms parkinsons disease diagnosis
    HEDBDPS        whether confirms psychiatric condition diagnosis
    HEDIBAR        chronic: arthritis diagnosis newly reported
    HEDIBAS        chronic: asthma diagnosis newly reported
    HEDIBCA        chronic: cancer diagnosis newly reported
    HEDIBLU        chronic: lung disease diagnosis newly reported
    HEDIBPD        chronic: parkinsons disease diagnosis newly reported
    HEDIBPS        chronic: psychiatric condition newly reported
    HEDIM85        cvd:heart disease diagnosis newly reported does not fit
    HEDIMAN        cvd: angina diagnosis newly reported (merged)
    HEDIMAR        cvd: abnormal heart rhythm diagnosis newly reported (mer
    HEDIMBP        cvd: high blood pressure diagnosis newly reported (merge
    HEDIMCH        cvd: high cholesterol diagnosis newly reported (merged)
    HEDIMDI        cvd: diabetes or high blood sugar diagnosis newly report
    HEDIMHF        cvd: congestive heart failure diagnosis newly reported (
    HEDIMHM        cvd: heart murmur diagnosis newly reported (merged)
    HEDIMMI        cvd: heart attack diagnosis newly reported (merged)
    HEDIMST        cvd: stroke diagnosis newly reported  (merged)
    HEFRAC         whether fractured hip in last two years
    HEOPCCA        whether confirms cataract diagnosis
    HEOPTCA        eye: cataract diagnosis newly reported
Wave 5 Core:
    HEDACAN        whether confirms angina diagnosis
    HEDACAR        whether confirms abnormal heart rhythm diagnosis
    HEDACBP        whether confirms high blood pressure diagnosis
    HEDACCH        whether confirms high cholesterol diagnosis
    HEDACDI        whether confirms diabetes or high blood sugar diagnosis
    HEDACHF        whether confirms congestive heart failure diagnosis
    HEDACHM        whether confirms heart murmur diagnosis
    HEDACMI        whether confirms heart attack diagnosis
    HEDACOT        whether confirms other heart disease diagnosis
    HEDACST        whether confirms stroke diagnosis
    HEDBDAR        whether confirms arthritis diagnosis
    HEDBDAS        whether confirms asthma diagnosis
    HEDBDCA        whether confirms cancer diagnosis
    HEDBDLU        whether confirms lung disease diagnosis
    HEDBDPD        whether confirms parkinsons disease diagnosis
    HEDBDPS        whether confirms psychiatric condition diagnosis
    HEDIBAR        chronic: arthritis diagnosis newly reported
    HEDIBAS        chronic: asthma diagnosis newly reported
    HEDIBCA        chronic: cancer diagnosis newly reported
    HEDIBLU        chronic: lung disease diagnosis newly reported
    HEDIBPD        chronic: parkinsons disease diagnosis newly reported
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    HEDIBPS        chronic: psychiatric condition newly reported
    HEDIM85        cvd:heart disease diagnosis newly reported does not fit
    HEDIMAN        cvd: angina diagnosis newly reported (merged)
    HEDIMAR        cvd: abnormal heart rhythm diagnosis newly reported (mer
    HEDIMBP        cvd: high blood pressure diagnosis newly reported (merge
    HEDIMCH        cvd: high cholesterol diagnosis newly reported (merged)
    HEDIMDI        cvd: diabetes or high blood sugar diagnosis newly report
    HEDIMHF        cvd: congestive heart failure diagnosis newly reported (
    HEDIMHM        cvd: heart murmur diagnosis newly reported (merged)
    HEDIMMI        cvd: heart attack diagnosis newly reported (merged)
    HEDIMST        cvd: stroke diagnosis newly reported  (merged)
    HEFRAC         whether fractured hip
    HEOPCCA        whether confirms cataract diagnosis
    HEOPTCA        eye: cataract diagnosis newly reported
Wave 6 Core:
    HEDACAN        whether confirms angina diagnosis
    HEDACAR        whether confirms abnormal heart rhythm diagnosis
    HEDACBP        whether confirms high blood pressure diagnosis
    HEDACCH        whether confirms high cholesterol diagnosis
    HEDACDI        whether confirms diabetes or high blood sugar diagnosis
    HEDACHF        whether confirms congestive heart failure diagnosis
    HEDACHM        whether confirms heart murmur diagnosis
    HEDACMI        whether confirms heart attack diagnosis
    HEDACOT        whether confirms other heart disease diagnosis
    HEDACST        whether confirms stroke diagnosis
    HEDBDAR        whether confirms arthritis diagnosis
    HEDBDAS        whether confirms asthma diagnosis
    HEDBDCA        whether confirms cancer diagnosis
    HEDBDLU        whether confirms lung disease diagnosis
    HEDBDPD        whether confirms parkinsons disease diagnosis
    HEDBDPS        whether confirms psychiatric condition diagnosis
    HEDIBAR        chronic: arthritis diagnosis newly reported
    HEDIBAS        chronic: asthma diagnosis newly reported
    HEDIBCA        chronic: cancer diagnosis newly reported
    HEDIBLU        chronic: lung disease diagnosis newly reported
    HEDIBPD        chronic: parkinsons disease diagnosis newly reported
    HEDIBPS        chronic: psychiatric condition newly reported
    HEDIM85        cvd:heart disease diagnosis newly reported does not fit
    HEDIMAN        cvd: angina diagnosis newly reported (merged)
    HEDIMAR        cvd: abnormal heart rhythm diagnosis newly reported (mer
    HEDIMBP        cvd: high blood pressure diagnosis newly reported (merge
    HEDIMCH        cvd: high cholesterol diagnosis newly reported (merged)
    HEDIMDI        cvd: diabetes or high blood sugar diagnosis newly report
    HEDIMHF        cvd: congestive heart failure diagnosis newly reported (
    HEDIMHM        cvd: heart murmur diagnosis newly reported (merged)
    HEDIMMI        cvd: heart attack diagnosis newly reported (merged)
    HEDIMST        cvd: stroke diagnosis newly reported  (merged)
    HEFRAC         whether fractured hip
    HEOPCCA        whether confirms cataract diagnosis
    HEOPTCA        eye: cataract diagnosis newly reported
Wave 7 Core:
    HEDACAN        whether confirms angina diagnosis
    HEDACAR        whether confirms abnormal heart rhythm diagnosis
    HEDACBP        whether confirms high blood pressure diagnosis
    HEDACCH        whether confirms high cholesterol diagnosis
    HEDACDI        whether confirms diabetes or high blood sugar diagnosis
    HEDACHF        whether confirms congestive heart failure diagnosis
    HEDACHM        whether confirms heart murmur diagnosis
    HEDACMI        whether confirms heart attack diagnosis
    HEDACOT        whether confirms other heart disease diagnosis
    HEDACST        whether confirms stroke diagnosis
    HEDBDAR        whether confirms arthritis diagnosis
    HEDBDAS        whether confirms asthma diagnosis
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HEDBDCA	whether confirms cancer diagnosis
HEDBDLU	whether confirms lung disease diagnosis
HEDBDPD	whether confirms parkinsons disease diagnosis
HEDBDPS	whether confirms psychiatric condition diagnosis
HEDIBAR	chronic: arthritis diagnosis newly reported
HEDIBAS	chronic: asthma diagnosis newly reported
HEDIBCA	chronic: cancer diagnosis newly reported
HEDIBLU	chronic: lung disease diagnosis newly reported
HEDIBPD	chronic: parkinsons disease diagnosis newly reported
HEDIBPS	chronic: psychiatric condition newly reported
HEDIM85	cvd:heart disease diagnosis newly reported does not fit
HEDIMAN	cvd: angina diagnosis newly reported (merged)
HEDIMAR	cvd: abnormal heart rhythm diagnosis newly reported (mer
HEDIMBP	cvd: high blood pressure diagnosis newly reported (merge
HEDIMCH	cvd: high cholesterol diagnosis newly reported (merged)
HEDIMDI	cvd: diabetes or high blood sugar diagnosis newly report
HEDIMHF	cvd: congestive heart failure diagnosis newly reported (
HEDIMHM	cvd: heart murmur diagnosis newly reported (merged)
HEDIMMI	cvd: heart attack diagnosis newly reported (merged)
HEDIMST	cvd: stroke diagnosis newly reported (merged)
HEFRAC	whether fractured hip
HEOPCCA	whether confirms cataract diagnosis
HEOPTCA	eye: cataract diagnosis newly reported

Doctor Diagnosed Health Problems: Memory-Related Disease

Wave	Variable	Label	Type
1	R1ALZHE	r1alzhe:w1 r ever had alzheimer’s	Categ
2	R2ALZHE	r2alzhe:w2 r ever had alzheimer’s	Categ
3	R3ALZHE	r3alzhe:w3 r ever had alzheimer’s	Categ
4	R4ALZHE	r4alzhe:w4 r ever had alzheimer’s	Categ
5	R5ALZHE	r5alzhe:w5 r ever had alzheimer’s	Categ
6	R6ALZHE	r6alzhe:w6 r ever had alzheimer’s	Categ
7	R7ALZHE	r7alzhe:w7 r ever had alzheimer’s	Categ
1	S1ALZHE	s1alzhe:w1 s ever had alzheimer's	Categ
2	S2ALZHE	s2alzhe:w2 s ever had alzheimer's	Categ
3	S3ALZHE	s3alzhe:w3 s ever had alzheimer's	Categ
4	S4ALZHE	s4alzhe:w4 s ever had alzheimer's	Categ
5	S5ALZHE	s5alzhe:w5 s ever had alzheimer's	Categ
6	S6ALZHE	s6alzhe:w6 s ever had alzheimer's	Categ
7	S7ALZHE	s7alzhe:w7 s ever had alzheimer's	Categ
1	R1ALZHF	r1alzhf:w1 r flag chg previous alzheimer’s	Categ
2	R2ALZHF	r2alzhf:w2 r flag chg previous alzheimer’s	Categ
3	R3ALZHF	r3alzhf:w3 r flag chg previous alzheimer’s	Categ
4	R4ALZHF	r4alzhf:w4 r flag chg previous alzheimer’s	Categ
5	R5ALZHF	r5alzhf:w5 r flag chg previous alzheimer’s	Categ
6	R6ALZHF	r6alzhf:w6 r flag chg previous alzheimer’s	Categ
7	R7ALZHF	r7alzhf:w7 r flag chg previous alzheimer’s	Categ
1	S1ALZHF	s1alzhf:w1 s flag chg previous alzheimer's	Categ
2	S2ALZHF	s2alzhf:w2 s flag chg previous alzheimer's	Categ
3	S3ALZHF	s3alzhf:w3 s flag chg previous alzheimer's	Categ
4	S4ALZHF	s4alzhf:w4 s flag chg previous alzheimer's	Categ
5	S5ALZHF	s5alzhf:w5 s flag chg previous alzheimer's	Categ
6	S6ALZHF	s6alzhf:w6 s flag chg previous alzheimer's	Categ
7	S7ALZHF	s7alzhf:w7 s flag chg previous alzheimer's	Categ
1	R1DEMENE	r1demene:w1 r ever had dementia	Categ
2	R2DEMENE	r2demene:w2 r ever had dementia	Categ
3	R3DEMENE	r3demene:w3 r ever had dementia	Categ
4	R4DEMENE	r4demene:w4 r ever had dementia	Categ
5	R5DEMENE	r5demene:w5 r ever had dementia	Categ
6	R6DEMENE	r6demene:w6 r ever had dementia	Categ
7	R7DEMENE	r7demene:w7 r ever had dementia	Categ
1	S1DEMENE	s1demene:w1 s ever had dementia	Categ
2	S2DEMENE	s2demene:w2 s ever had dementia	Categ
3	S3DEMENE	s3demene:w3 s ever had dementia	Categ
4	S4DEMENE	s4demene:w4 s ever had dementia	Categ
5	S5DEMENE	s5demene:w5 s ever had dementia	Categ
6	S6DEMENE	s6demene:w6 s ever had dementia	Categ
7	S7DEMENE	s7demene:w7 s ever had dementia	Categ
1	R1DEMENF	r1dementf:w1 r flag chg previous dementia	Categ
2	R2DEMENF	r2dementf:w2 r flag chg previous dementia	Categ
3	R3DEMENF	r3dementf:w3 r flag chg previous dementia	Categ
4	R4DEMENF	r4dementf:w4 r flag chg previous dementia	Categ
5	R5DEMENF	r5dementf:w5 r flag chg previous dementia	Categ
6	R6DEMENF	r6dementf:w6 r flag chg previous dementia	Categ
7	R7DEMENF	r7dementf:w7 r flag chg previous dementia	Categ
1	S1DEMENF	s1dementf:w1 s flag chg previous dementia	Categ

2	S2DEMENF	s2demenf:w2 s flag chg previous dementia	Categ
3	S3DEMENF	s3demenf:w3 s flag chg previous dementia	Categ
4	S4DEMENF	s4demenf:w4 s flag chg previous dementia	Categ
5	S5DEMENF	s5demenf:w5 s flag chg previous dementia	Categ
6	S6DEMENF	s6demenf:w6 s flag chg previous dementia	Categ
7	S7DEMENF	s7demenf:w7 s flag chg previous dementia	Categ
1	R1MEMRYE	r1memrye:w1 r ever had memory problem	Categ
2	R2MEMRYE	r2memrye:w2 r ever had memory problem	Categ
3	R3MEMRYE	r3memrye:w3 r ever had memory problem	Categ
4	R4MEMRYE	r4memrye:w4 r ever had memory problem	Categ
5	R5MEMRYE	r5memrye:w5 r ever had memory problem	Categ
6	R6MEMRYE	r6memrye:w6 r ever had memory problem	Categ
7	R7MEMRYE	r7memrye:w7 r ever had memory problem	Categ
1	S1MEMRYE	s1memrye:w1 s ever had memory problem	Categ
2	S2MEMRYE	s2memrye:w2 s ever had memory problem	Categ
3	S3MEMRYE	s3memrye:w3 s ever had memory problem	Categ
4	S4MEMRYE	s4memrye:w4 s ever had memory problem	Categ
5	S5MEMRYE	s5memrye:w5 s ever had memory problem	Categ
6	S6MEMRYE	s6memrye:w6 s ever had memory problem	Categ
7	S7MEMRYE	s7memrye:w7 s ever had memory problem	Categ
1	R1MEMRYF	r1memryf:w1 r flag chg previous memory prob	Categ
2	R2MEMRYF	r2memryf:w2 r flag chg previous memory prob	Categ
3	R3MEMRYF	r3memryf:w3 r flag chg previous memory prob	Categ
4	R4MEMRYF	r4memryf:w4 r flag chg previous memory prob	Categ
5	R5MEMRYF	r5memryf:w5 r flag chg previous memory prob	Categ
6	R6MEMRYF	r6memryf:w6 r flag chg previous memory prob	Categ
7	R7MEMRYF	r7memryf:w7 r flag chg previous memory prob	Categ
1	S1MEMRYF	s1memryf:w1 s flag chg previous memory prob	Categ
2	S2MEMRYF	s2memryf:w2 s flag chg previous memory prob	Categ
3	S3MEMRYF	s3memryf:w3 s flag chg previous memory prob	Categ
4	S4MEMRYF	s4memryf:w4 s flag chg previous memory prob	Categ
5	S5MEMRYF	s5memryf:w5 s flag chg previous memory prob	Categ
6	S6MEMRYF	s6memryf:w6 s flag chg previous memory prob	Categ
7	S7MEMRYF	s7memryf:w7 s flag chg previous memory prob	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1ALZHE	12089	0.00	0.03	0.00	1.00
R2ALZHE	9431	0.00	0.04	0.00	1.00
R3ALZHE	9771	0.00	0.06	0.00	1.00
R4ALZHE	11043	0.00	0.06	0.00	1.00
R5ALZHE	10272	0.01	0.07	0.00	1.00
R6ALZHE	10600	0.01	0.08	0.00	1.00
R7ALZHE	9666	0.01	0.08	0.00	1.00
S1ALZHE	8061	0.00	0.03	0.00	1.00
S2ALZHE	6177	0.00	0.04	0.00	1.00
S3ALZHE	6386	0.00	0.05	0.00	1.00
S4ALZHE	7396	0.00	0.04	0.00	1.00
S5ALZHE	6962	0.00	0.05	0.00	1.00
S6ALZHE	7241	0.00	0.06	0.00	1.00
S7ALZHE	6560	0.00	0.06	0.00	1.00
R1ALZHF	12099	0.00	0.05	0.00	6.00
R2ALZHF	9432	0.00	0.06	0.00	6.00
R3ALZHF	9771	0.00	0.09	0.00	6.00
R4ALZHF	11050	0.00	0.06	0.00	6.00

R5ALZHF	10274	0.00	0.06	0.00	6.00
R6ALZHF	10601	0.00	0.03	0.00	3.00
R7ALZHF	9666	0.00	0.00	0.00	0.00
S1ALZHF	8070	0.00	0.07	0.00	6.00
S2ALZHF	6178	0.00	0.08	0.00	6.00
S3ALZHF	6386	0.00	0.11	0.00	6.00
S4ALZHF	7402	0.00	0.08	0.00	6.00
S5ALZHF	6964	0.00	0.07	0.00	6.00
S6ALZHF	7242	0.00	0.04	0.00	3.00
S7ALZHF	6560	0.00	0.00	0.00	0.00
R1DEMENE	12089	0.00	0.07	0.00	1.00
R2DEMENE	9431	0.01	0.08	0.00	1.00
R3DEMENE	9771	0.01	0.10	0.00	1.00
R4DEMENE	11043	0.01	0.11	0.00	1.00
R5DEMENE	10272	0.02	0.12	0.00	1.00
R6DEMENE	10600	0.02	0.13	0.00	1.00
R7DEMENE	9666	0.02	0.13	0.00	1.00
S1DEMENE	8061	0.00	0.07	0.00	1.00
S2DEMENE	6177	0.01	0.08	0.00	1.00
S3DEMENE	6386	0.01	0.08	0.00	1.00
S4DEMENE	7396	0.01	0.09	0.00	1.00
S5DEMENE	6962	0.01	0.10	0.00	1.00
S6DEMENE	7241	0.01	0.10	0.00	1.00
S7DEMENE	6560	0.01	0.11	0.00	1.00
R1DEMENF	12099	0.01	0.20	0.00	6.00
R2DEMENF	9432	0.01	0.19	0.00	6.00
R3DEMENF	9771	0.01	0.19	0.00	6.00
R4DEMENF	11050	0.01	0.18	0.00	6.00
R5DEMENF	10274	0.00	0.15	0.00	6.00
R6DEMENF	10601	0.00	0.09	0.00	6.00
R7DEMENF	9666	0.00	0.03	0.00	3.00
S1DEMENF	8070	0.01	0.18	0.00	6.00
S2DEMENF	6178	0.01	0.19	0.00	6.00
S3DEMENF	6386	0.00	0.16	0.00	6.00
S4DEMENF	7402	0.00	0.16	0.00	6.00
S5DEMENF	6964	0.00	0.16	0.00	6.00
S6DEMENF	7242	0.00	0.09	0.00	6.00
S7DEMENF	6560	0.00	0.04	0.00	3.00
R1MEMRYE	12089	0.01	0.08	0.00	1.00
R2MEMRYE	9431	0.01	0.09	0.00	1.00
R3MEMRYE	9771	0.01	0.11	0.00	1.00
R4MEMRYE	11043	0.01	0.12	0.00	1.00
R5MEMRYE	10272	0.02	0.13	0.00	1.00
R6MEMRYE	10600	0.02	0.14	0.00	1.00
R7MEMRYE	9666	0.02	0.14	0.00	1.00
S1MEMRYE	8061	0.01	0.07	0.00	1.00
S2MEMRYE	6177	0.01	0.09	0.00	1.00
S3MEMRYE	6386	0.01	0.09	0.00	1.00
S4MEMRYE	7396	0.01	0.09	0.00	1.00
S5MEMRYE	6962	0.01	0.11	0.00	1.00
S6MEMRYE	7241	0.01	0.11	0.00	1.00
S7MEMRYE	6560	0.01	0.11	0.00	1.00
R1MEMRYF	12099	0.01	0.20	0.00	6.00
R2MEMRYF	9432	0.01	0.20	0.00	6.00
R3MEMRYF	9771	0.01	0.21	0.00	6.00

R4MEMRYF	11050	0.01	0.19	0.00	6.00
R5MEMRYF	10274	0.00	0.16	0.00	6.00
R6MEMRYF	10601	0.00	0.09	0.00	6.00
R7MEMRYF	9666	0.00	0.03	0.00	3.00
S1MEMRYF	8070	0.01	0.19	0.00	6.00
S2MEMRYF	6178	0.01	0.21	0.00	6.00
S3MEMRYF	6386	0.01	0.19	0.00	6.00
S4MEMRYF	7402	0.01	0.18	0.00	6.00
S5MEMRYF	6964	0.01	0.18	0.00	6.00
S6MEMRYF	7242	0.00	0.10	0.00	6.00
S7MEMRYF	6560	0.00	0.04	0.00	3.00

Categorical Variable Codes

Value	R1ALZHE	R2ALZHE	R3ALZHE	R4ALZHE	R5ALZHE	R6ALZHE	R7ALZHE
.d:DK	6			4	1		
.r:Refuse	4	1		3	1	1	
0.no	12076	9417	9740	10999	10215	10539	9608
1.yes	13	14	31	44	57	61	58

Value	S1ALZHE	S2ALZHE	S3ALZHE	S4ALZHE	S5ALZHE	S6ALZHE	S7ALZHE
.d:DK	6			3	1		
.r:Refuse	3	1		3	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	8055	6168	6370	7381	6941	7219	6535
1.yes	6	9	16	15	21	22	25

Value	R1ALZHF	R2ALZHF	R3ALZHF	R4ALZHF	R5ALZHF	R6ALZHF	R7ALZHF
0.No dispute, no change	12098	9431	9769	11048	10273	10600	9666
3.Disp, set to N				1		1	
6.Disp aft, set to N	1	1	2	1	1		

Value	S1ALZHF	S2ALZHF	S3ALZHF	S4ALZHF	S5ALZHF	S6ALZHF	S7ALZHF
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	8069	6177	6384	7400	6963	7241	6560
3.Disp, set to N				1		1	
6.Disp aft, set to N	1	1	2	1	1		

Value	R1DEMENE	R2DEMENE	R3DEMENE	R4DEMENE	R5DEMENE	R6DEMENE	R7DEMENE
.d:DK	6			4	1		
.r:Refuse	4	1		3	1	1	
0.no	12030	9364	9669	10913	10114	10430	9491
1.yes	59	67	102	130	158	170	175

Value	S1DEMENE	S2DEMENE	S3DEMENE	S4DEMENE	S5DEMENE	S6DEMENE	S7DEMENE
.d:DK	6			3	1		
.r:Refuse	3	1		3	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	8023	6134	6343	7341	6896	7165	6483
1.yes	38	43	43	55	66	76	77

Value	R1DEMENF	R2DEMENF	R3DEMENF	R4DEMENF	R5DEMENF	R6DEMENF	R7DEMENF
0.No dispute, no change	12086	9421	9760	11039	10265	10595	9665
3.Disp, set to N		2	2	2	3	5	1
6.Disp aft, set to N	13	9	9	9	6	1	

Value	S1DEMENF	S2DEMENF	S3DEMENF	S4DEMENF	S5DEMENF	S6DEMENF	S7DEMENF
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	8063	6171	6380	7396	6958	7238	6559
3.Disp, set to N		1	2	1	1	3	1
6.Disp aft, set to N	7	6	4	5	5	1	

Value	R1MEMRYE	R2MEMRYE	R3MEMRYE	R4MEMRYE	R5MEMRYE	R6MEMRYE	R7MEMRYE

.d:DK	6			4	1		
.r:Refuse	4	1		3	1	1	
0.no	12020	9354	9649	10890	10087	10400	9469
1.yes	69	77	122	153	185	200	197

Value	S1MEMRYE	S2MEMRYE	S3MEMRYE	S4MEMRYE	S5MEMRYE	S6MEMRYE	S7MEMRYE
.d:DK	6			3	1		
.r:Refuse	3	1		3	1	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	8019	6128	6332	7332	6884	7153	6473
1.yes	42	49	54	64	78	88	87

Value	R1MEMRYF	R2MEMRYF	R3MEMRYF	R4MEMRYF	R5MEMRYF	R6MEMRYF	R7MEMRYF
0.No dispute, no change	12085	9420	9758	11037	10264	10594	9665
3.Disp, set to N		2	2	3	3	6	1
6.Disp aft, set to N	14	10	11	10	7	1	

Value	S1MEMRYF	S2MEMRYF	S3MEMRYF	S4MEMRYF	S5MEMRYF	S6MEMRYF	S7MEMRYF
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No dispute, no change	8062	6170	6378	7394	6957	7237	6559
3.Disp, set to N		1	2	2	1	4	1
6.Disp aft, set to N	8	7	6	6	6	1	

How Constructed

RwALZHE indicates whether a doctor has told the respondent he/she has Alzheimer's disease. RwDEMENE indicates whether a doctor has told the respondent he/she has dementia, organic brain senility, or any other serious memory condition. The exact question wording depends on whether this is a first interview and whether the condition was reported at a prior interview. A code of 0 indicates that the respondent does not report having been told by a doctor they have the condition. A code of 1 indicates that the respondent reports having been told by a doctor they have the condition. Don’t know, refused, or other missing values of RwALZHE and RwDEMENE are assigned special missing codes .d, .r, .m, respectively. A special missing value .o is used when the respondent reported a condition which did not have a specific coding in the ELSA. RwALZHE and RwDEMENE are set to plain missing (.) for respondents who did not respond to the current wave.

RwMEMRYE indicates whether the respondent reported having Alzheimer’s disease or dementia, organic brain syndrome, senility or any other serious memory impairment. ELSA surveys the two conditions separately, so RwMEMRYE indicates whether the respondent reported either of the conditions. A code of 0 indicates that the respondent does not report having been told by a doctor they have the condition. A code of 1 indicates that the respondent reports having been told by a doctor they have the condition. Don’t know, refused, or other missing values of RwMEMRYE are assigned special missing codes .d, .r, .m, respectively. A special missing value .o is used when the respondent reported a condition which did not have a specific coding in the ELSA. RwMEMRYE is set to plain missing (.) for respondents who did not respond to the current wave.

In the ELSA, respondents identify new conditions by selecting conditions a doctor has told them they have from a card containing a list of conditions.

SwALZHE, SwDEMENE, and SwMEMRYE indicate whether the respondent’s spouse reported ever being told by a doctor he/she has any of these conditions and are taken directly from the spouse’s values to RwALZHE, RwDEMENE, and RwMEMRYE. In addition to the special missing codes used in RwALZHE, RwDEMENE, and RwMEMRYE, SwALZHE, SwDEMENE, and SwMEMRYE employ two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

From the 2nd wave forward, if the respondent previously reported ever having a condition (a preloaded condition) then he/she is first asked to confirm or dispute ever having this condition. After that he/she is asked to identify any new conditions. If any condition is disputed, all prior wave reports are set to no.

RwALZHF, RwDEMENF, and RwMEMRYF indicate whether a condition is disputed at the current or a later interview. These flag variables differentiate between instances where the respondent was asked to dispute

a memory condition they had never reported (a mistake in the preloaded condition) and instances where the respondent disputed a memory condition which they had previously reported. The codes for the flag variables are: 0) no dispute and no change; 2) disputes preload indicating prior report of condition, and data shows no prior report of condition - set current report to no; 3) disputes preload indicating prior report of condition, and data agrees with preload, set current and prior waves to no; 6) dispute of preload at a later wave has changed this wave's report from yes to no.

SwALZHF, SwDEMENF, and SwMEMRYF are taken directly from the spouse’s responses to RwALZHF, RwDEMENF, and RwMEMRYF. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

From the 2nd wave forward, if the respondent previously reported ever having a condition then he/she is first asked to confirm or dispute ever having this condition. After that he/she is asked to identify any new conditions.

Differences with the RAND HRS

Unlike the HRS, ELSA surveys Alzheimer’s disease or dementia, organic brain syndrome, senility or any other serious memory impairment separately, so RwMEMRYE indicates whether the respondent reported any one of these conditions.

ELSA Variables Used

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Wave 1 Core:
    HEDIB01        has a doctor ever told you that you [have/have had] any
    HEDIB02        has a doctor ever told you that you [have/have had] any
    HEDIB03        has a doctor ever told you that you [have/have had] any
    HEDIB04        has a doctor ever told you that you [have/have had] any
    HEDIB05        has a doctor ever told you that you [have/have had] any
    HEDIB06        has a doctor ever told you that you [have/have had] any
    HEDIB07        has a doctor ever told you that you [have/have had] any
    HEDIB08        has a doctor ever told you that you [have/have had] any
    HEDIB09        has a doctor ever told you that you [have/have had] any
    HEDIB10        has a doctor ever told you that you [have/have had] any
Wave 2 Core:
    HEDIAD8        whether confirms alzheimers disease recorded in wave 1
    HEDIAD9        whether confirms dementia recorded in wave 1
    HEDIB01        diagnosed chronic condition newly reported at w2 (1st me
    HEDIB02        diagnosed chronic condition newly reported at w2 (2nd me
    HEDIB03        diagnosed chronic condition newly reported at w2 (3rd me
    HEDIB04        diagnosed chronic condition newly reported at w2 (4th me
Wave 3 Core:
    HEDBDAD        whether confirms alzheimers disease diagnosis
    HEDBDDE        whether confirms dementia diagnosis
    HEDIBAD        (d) ever reported alzheimer’s disease (diagnosed)
    HEDIBDE        (d) ever reported dementia or memory impairment (diagnos
Wave 4 Core:
    HEDBDAD        whether confirms alzheimers disease diagnosis
    HEDBDDE        whether confirms dementia diagnosis
    HEDIBAD        chronic: alzheimers disease diagnosis newly reported
    HEDIBDE        chronic: dementia diagnosis newly reported
Wave 5 Core:
    HEDBDAD        whether confirms alzheimers disease diagnosis
    HEDBDDE        whether confirms dementia diagnosis
    HEDIBAD        chronic: alzheimers disease diagnosis newly reported
    HEDIBDE        chronic: dementia diagnosis newly reported
Wave 6 Core:
    HEDBDAD        whether confirms alzheimers disease diagnosis
    HEDBDDE        whether confirms dementia diagnosis
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    HEDIBAD        chronic: alzheimers disease diagnosis newly reported
    HEDIBDE        chronic: dementia diagnosis newly reported
Wave 7 Core:
    HEDBDAD        whether confirms alzheimers disease diagnosis
    HEDBDDE        whether confirms dementia diagnosis
    HEDIBAD        chronic: alzheimers disease diagnosis newly reported
    HEDIBDE        chronic: dementia diagnosis newly reported
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Height, Weight, and BMI

Wave	Variable	Label	Type
2	R2HEIGHT	r2height:w2 r Height in meters	Cont
4	R4HEIGHT	r4height:w4 r Height in meters	Cont
6	R6HEIGHT	r6height:w6 r Height in meters	Cont
2	S2HEIGHT	s2height:w2 s Height in meters	Cont
4	S4HEIGHT	s4height:w4 s Height in meters	Cont
6	S6HEIGHT	s6height:w6 s Height in meters	Cont
2	R2WEIGHT	r2weight:w2 r Weight in kilograms	Cont
4	R4WEIGHT	r4weight:w4 r Weight in kilograms	Cont
6	R6WEIGHT	r6weight:w6 r Weight in kilograms	Cont
2	S2WEIGHT	s2weight:w2 s Weight in kilograms	Cont
4	S4WEIGHT	s4weight:w4 s Weight in kilograms	Cont
6	S6WEIGHT	s6weight:w6 s Weight in kilograms	Cont
2	R2BMI	r2bmi:w2 r Body Mass Index=kg/m2	Cont
4	R4BMI	r4bmi:w4 r Body Mass Index=kg/m2	Cont
6	R6BMI	r6bmi:w6 r Body Mass Index=kg/m2	Cont
2	S2BMI	s2bmi:w2 s Body Mass Index=kg/m2	Cont
4	S4BMI	s4bmi:w4 s Body Mass Index=kg/m2	Cont
6	S6BMI	s6bmi:w6 s Body Mass Index=kg/m2	Cont
2	R2BMICAT	r2bmicat:w2 r BMI categorization	Categ
4	R4BMICAT	r4bmicat:w4 r BMI categorization	Categ
6	R6BMICAT	r6bmicat:w6 r BMI categorization	Categ
2	S2BMICAT	s2bmicat:w2 s BMI categorization	Categ
4	S4BMICAT	s4bmicat:w4 s BMI categorization	Categ
6	S6BMICAT	s6bmicat:w6 s BMI categorization	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R2HEIGHT	7330	1.65	0.10	1.20	2.01
R4HEIGHT	8318	1.66	0.10	1.11	2.07
R6HEIGHT	7777	1.66	0.10	1.34	2.02
S2HEIGHT	4784	1.67	0.09	1.20	2.01
S4HEIGHT	5605	1.67	0.09	1.11	2.02
S6HEIGHT	5204	1.67	0.09	1.38	2.02
R2WEIGHT	7373	76.47	15.66	34.50	171.60
R4WEIGHT	8428	77.82	16.55	37.00	193.90
R6WEIGHT	7820	77.83	16.58	31.10	169.40
S2WEIGHT	4790	78.29	15.39	37.80	150.00
S4WEIGHT	5649	79.10	16.20	39.40	193.90
S6WEIGHT	5219	79.03	16.21	38.50	169.40
R2BMI	7225	27.93	4.89	14.87	56.15
R4BMI	8262	28.27	5.30	14.67	71.11
R6BMI	7693	28.29	5.26	15.10	59.43
S2BMI	4723	28.09	4.74	14.87	56.15

S4BMI	5575	28.30	5.13	15.41	71.11
S6BMI	5163	28.35	5.10	15.10	59.43
R2BMICAT	7225	3.10	0.96	1.00	6.00
R4BMICAT	8262	3.16	1.02	1.00	6.00
R6BMICAT	7693	3.16	1.03	1.00	6.00
S2BMICAT	4723	3.13	0.94	1.00	6.00
S4BMICAT	5575	3.17	1.00	1.00	6.00
S6BMICAT	5163	3.17	1.00	1.00	6.00

Categorical Variable Codes

Value	R2BMICAT	R4BMICAT	R6BMICAT
.a:measure not attempted	222	182	167
.b:measure not usable	123	124	120
.n:no nurse interview	1766	2407	2547
.o:measure not obtained	34	33	44
.r:Refuse	62	42	30
1.underweight less than 18.	62	72	69
2.normal weight from 18.5 t	1946	2177	2043
3.pre-obesity from 25 to 29	3132	3449	3174
4.obesity class 1 from 30 t	1513	1740	1638
5.obesity class 2 from 35 t	413	556	519
6.obesity class 3 greater t	159	268	250

Value	S2BMICAT	S4BMICAT	S6BMICAT
.a:measure not attempted	98	76	63
.b:measure not usable	53	57	52
.n:no nurse interview	1256	1656	1921
.o:measure not obtained	13	11	20
.r:Refuse	35	27	23
.u:Unmar	2671	2932	2802
.v:SP NR	583	716	557
1.underweight less than 18.	21	33	30
2.normal weight from 18.5 t	1190	1405	1308
3.pre-obesity from 25 to 29	2125	2414	2220
4.obesity class 1 from 30 t	1023	1184	1113
5.obesity class 2 from 35 t	262	373	334
6.obesity class 3 greater t	102	166	158

How Constructed

RwHEIGHT, RwWEIGHT, RwBMI, and RwBMICAT are the respondent's height, weight, body mass index, and body mass index category, respectively.

RwHEIGHT is taken from a derived height variable which excluded invalid measurements of height, and is given in meters.

RwWEIGHT is taken from a derived weight variable which excluded invalid measurements of weight but included weight estimates for respondents heavier than 130kg, and is given in kilograms.

RwBMI is weight divided by the square of height. RwBMICAT is the BMI category according to the WHO, and is coded as follows: 1.underweight (less than 18.5), 2.normal weight (18.5 to less than 25), 3.pre-obesity (25 to less than 30), 4.obesity class 1 (30 to less than 35), 5.obesity class 2 (35 to less than 40), and 6.obesity class 3 (40 and greater).

Height and weight are measured in the nurse interview, if no nurse interview took place, then the variables are assigned special missing .n. If the measures were not usable, the variables are assigned special missing .b. If the measures are not obtained, the variables are assigned special missing .o. If the measures are not attempted, the variables are assigned special missing .a. Don't know and refuse responses are assigned special missing .d and .r, respectively. These variables are set to blank missing (.) when the respondent did not participate in the current wave.

SwHEIGHT, SwWEIGHT, SwBMI, and SwBMICAT are taken directly from the spouse's measures in RwHEIGHT, RwWEIGHT, RwBMI, and RwBMICAT. In addition to the special missing codes employed by RwHEIGHT, RwWEIGHT, RwBMI, and RwBMICAT, SwHEIGHT, SwWEIGHT, SwBMI, and SwBMICAT employ two additional special missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

ELSA only provides height and weight information in the Nurse data which are available for the 2nd wave, 4th wave, and 6th wave. BMI, height, and weight previous to Wave 1 can be obtained using HSE data.

Differences with the RAND HRS

Unlike the HRS, ELSA only provides measured height and weight information for the 2nd wave and every other wave following, through nurse visits. The RAND HRS provides information for every wave of the HRS based on self-report.

In the HRS, respondents are asked to report their height and weight. In the ELSA, height and weight are measured by a nurse.

Unlike the ELSA, the height and weight given for respondents in the RAND HRS does not exclude invalid reports of height and/or weight.

ELSA Variables Used

```
Wave 2 Nurse:
    HTVAL          (d) valid height (cm)
    WTVAL          (d) valid weight (kg) inc. estimated>130kg
Wave 4 Nurse:
    HTVAL          (d) valid height (cm)
    WTVAL          (d) valid weight (kg) inc. estimated>130kg
Wave 6 Nurse:
    HTVAL          (d) valid height (cm)
    WTVAL          (d) valid weight (kg) inc. estimated>130kg
```

Health Behaviors: Preventive Behaviors

Wave	Variable	Label	Type
5	R5MAMMOG	r5mammog:w5 r prev mammogram	Categ
6	R6MAMMOG	r6mammog:w6 r prev mammogram	Categ
7	R7MAMMOG	r7mammog:w7 r prev mammogram	Categ
5	S5MAMMOG	s5mammog:w5 S prev mammogram	Categ
6	S6MAMMOG	s6mammog:w6 S prev mammogram	Categ
7	S7MAMMOG	s7mammog:w7 S prev mammogram	Categ
5	R5PROST	r5prost:w5 r prev prostate	Categ
6	R6PROST	r6prost:w6 r prev prostate	Categ
7	R7PROST	r7prost:w7 r prev prostate	Categ
5	S5PROST	s5prost:w5 S prev prostate	Categ
6	S6PROST	s6prost:w6 S prev prostate	Categ
7	S7PROST	s7prost:w7 S prev prostate	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R5MAMMOG	2684	0.57	0.50	0.00	1.00
R6MAMMOG	4098	0.51	0.50	0.00	1.00
R7MAMMOG	2902	0.66	0.47	0.00	1.00
S5MAMMOG	1745	0.62	0.49	0.00	1.00
S6MAMMOG	2630	0.56	0.50	0.00	1.00
S7MAMMOG	2034	0.68	0.47	0.00	1.00
R5PROST	2461	0.25	0.43	0.00	1.00
R6PROST	3955	0.22	0.41	0.00	1.00
R7PROST	2465	0.26	0.44	0.00	1.00
S5PROST	1899	0.26	0.44	0.00	1.00
S6PROST	2969	0.23	0.42	0.00	1.00
S7PROST	1905	0.28	0.45	0.00	1.00

Categorical Variable Codes

Value	R5MAMMOG	R6MAMMOG	R7MAMMOG
.d:DK	2761	1473	739
.m:Missing	254	280	1723
.r:Refuse	6	6	3
.s:Skipped due to gender di	8413	8413	8412
0.no	1164	2008	979
1.yes	1520	2090	1923

Value	S5MAMMOG	S6MAMMOG	S7MAMMOG
.d:DK	1568	798	468
.m:Missing	173	196	785
.r:Refuse	1	5	2
.s:Skipped due to gender di	3477	3613	3271
.u:Unmar	2742	2802	2548
.v:SP NR	568	557	558
0.no	670	1148	645
1.yes	1075	1482	1389

Value	R5PROST	R6PROST	R7PROST
.d:DK	1823	453	297

.m:Missing	283	334	1537
.r:Refuse	2	2	1
.s:Skipped due to gender di	10076	10076	10076
0.no	1857	3098	1812
1.yes	604	857	653

Value	S5PROST	S6PROST	S7PROST
.d:DK	1333	344	231
.m:Missing	245	298	1134
.r:Refuse		2	1
.s:Skipped due to gender di	3487	3629	3289
.u:Unmar	2742	2802	2548
.v:SP NR	568	557	558
0.no	1406	2284	1367
1.yes	493	685	538

How Constructed

RwMAMMOG and RwPROST indicate whether the respondent reports preventive health tests and procedures. The tests and procedures are a mammogram (x-ray of the breast) and a check for prostate cancer through prostate-specific antigen (PSA) blood test or other examination, respectively. Only female respondents are asked about mammograms, and only male respondents are asked about prostate exams. When respondents answer don't know, refuse, are missing, or are skipped due to gender differences, RwMAMMOG and RwPROST are coded as .d, .r, .m, or .s, respectively. RwMAMMOG and RwPROST are asked beginning in Wave 5. RwMAMMOG and RwPROST are set to blank missing (.) if the respondent did not participate in the current wave.

SwMAMMOG and SwPROST are the current wave's spouse's reports of preventive health tests and procedures. They are taken directly from the spouse’s values to RwMAMMOG and RwPROST. In addition to the special missing codes used in RwMAMMOG and RwPROST, SwMAMMOG and SwPROST employ two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

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Cross Wave Differences in ELSA

The preventive behavior questions are asked beginning in Wave 5. They are not asked in Waves 1 to 4.

Differences with the RAND HRS

Unlike HRS that asks if the respondent has had specific preventive medical tests or procedures in the last two years, ELSA asks the respondent if he/she has ever had the specific preventive medical test or procedures.

ELSA Variables Used

```
Wave 5 Core:
    HEMAM          screening: ever had mammogram
    HEMAMTM        screening: month of last mammogram
    HEMAMTY        screening: year of last mammogram
    HEPRO          screening: ever had psa prostate test
    HEPROTM        screening: month of last psa test
    HEPROTY        screening: year of last psa test
Wave 6 Core:
    HEMAM          screening: ever had mammogram
    HEMAMTM        screening: month of last mammogram
    HEMAMTY        screening: year of last mammogram
    HEPRO          screening: ever had psa prostate test
    HEPROTM        screening: month of last psa test
    HEPROTY        screening: year of last psa test
Wave 7 Core:
```

HEMAMB	whether had mammogram
HEMAMTM	screening: month of last mammogram
HEMAMTY	screening: year of last mammogram
HEPRO	screening: ever had psa prostate test
HEPROTM	screening: month of last psa test
HEPROTY	screening: year of last psa test

Health Behaviors: Physical Activity or Exercise

Wave	Variable	Label	Type
1	R1VGACTX_E	r1vgactx_e:w1 R Freq vigorous phys activ	Categ
2	R2VGACTX_E	r2vgactx_e:w2 R Freq vigorous phys activ	Categ
3	R3VGACTX_E	r3vgactx_e:w3 R Freq vigorous phys activ	Categ
4	R4VGACTX_E	r4vgactx_e:w4 R Freq vigorous phys activ	Categ
5	R5VGACTX_E	r5vgactx_e:w5 R Freq vigorous phys activ	Categ
6	R6VGACTX_E	r6vgactx_e:w6 R Freq vigorous phys activ	Categ
7	R7VGACTX_E	r7vgactx_e:w7 R Freq vigorous phys activ	Categ
1	S1VGACTX_E	s1vgactx_e:w1 S Freq vigorous phys activ	Categ
2	S2VGACTX_E	s2vgactx_e:w2 S Freq vigorous phys activ	Categ
3	S3VGACTX_E	s3vgactx_e:w3 S Freq vigorous phys activ	Categ
4	S4VGACTX_E	s4vgactx_e:w4 S Freq vigorous phys activ	Categ
5	S5VGACTX_E	s5vgactx_e:w5 S Freq vigorous phys activ	Categ
6	S6VGACTX_E	s6vgactx_e:w6 S Freq vigorous phys activ	Categ
7	S7VGACTX_E	s7vgactx_e:w7 S Freq vigorous phys activ	Categ
1	R1MDACTX_E	r1mdactx_e:w1 R Freq moderate phys activ	Categ
2	R2MDACTX_E	r2mdactx_e:w2 R Freq moderate phys activ	Categ
3	R3MDACTX_E	r3mdactx_e:w3 R Freq moderate phys activ	Categ
4	R4MDACTX_E	r4mdactx_e:w4 R Freq moderate phys activ	Categ
5	R5MDACTX_E	r5mdactx_e:w5 R Freq moderate phys activ	Categ
6	R6MDACTX_E	r6mdactx_e:w6 R Freq moderate phys activ	Categ
7	R7MDACTX_E	r7mdactx_e:w7 R Freq moderate phys activ	Categ
1	S1MDACTX_E	s1mdactx_e:w1 S Freq moderate phys activ	Categ
2	S2MDACTX_E	s2mdactx_e:w2 S Freq moderate phys activ	Categ
3	S3MDACTX_E	s3mdactx_e:w3 S Freq moderate phys activ	Categ
4	S4MDACTX_E	s4mdactx_e:w4 S Freq moderate phys activ	Categ
5	S5MDACTX_E	s5mdactx_e:w5 S Freq moderate phys activ	Categ
6	S6MDACTX_E	s6mdactx_e:w6 S Freq moderate phys activ	Categ
7	S7MDACTX_E	s7mdactx_e:w7 S Freq moderate phys activ	Categ
1	R1LTACTX_E	r1ltactx_e:w1 R Freq light phys activ	Categ
2	R2LTACTX_E	r2ltactx_e:w2 R Freq light phys activ	Categ
3	R3LTACTX_E	r3ltactx_e:w3 R Freq light phys activ	Categ
4	R4LTACTX_E	r4ltactx_e:w4 R Freq light phys activ	Categ
5	R5LTACTX_E	r5ltactx_e:w5 R Freq light phys activ	Categ
6	R6LTACTX_E	r6ltactx_e:w6 R Freq light phys activ	Categ
7	R7LTACTX_E	r7ltactx_e:w7 R Freq light phys activ	Categ
1	S1LTACTX_E	s1ltactx_e:w1 S Freq light phys activ	Categ
2	S2LTACTX_E	s2ltactx_e:w2 S Freq light phys activ	Categ
3	S3LTACTX_E	s3ltactx_e:w3 S Freq light phys activ	Categ
4	S4LTACTX_E	s4ltactx_e:w4 S Freq light phys activ	Categ
5	S5LTACTX_E	s5ltactx_e:w5 S Freq light phys activ	Categ
6	S6LTACTX_E	s6ltactx_e:w6 S Freq light phys activ	Categ
7	S7LTACTX_E	s7ltactx_e:w7 S Freq light phys activ	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1VGACTX_E	11905	4.17	1.19	2.00	5.00
R2VGACTX_E	9299	4.16	1.18	2.00	5.00
R3VGACTX_E	9769	4.14	1.21	2.00	5.00
R4VGACTX_E	11039	4.13	1.21	2.00	5.00
R5VGACTX_E	10264	4.14	1.20	2.00	5.00

R6VGACTX_E	10596	4.11	1.23	2.00	5.00
R7VGACTX_E	9662	4.12	1.23	2.00	5.00
S1VGACTX_E	7935	4.09	1.22	2.00	5.00
S2VGACTX_E	6077	4.07	1.22	2.00	5.00
S3VGACTX_E	6385	4.03	1.25	2.00	5.00
S4VGACTX_E	7394	4.04	1.25	2.00	5.00
S5VGACTX_E	6955	4.03	1.24	2.00	5.00
S6VGACTX_E	7238	3.99	1.27	2.00	5.00
S7VGACTX_E	6556	4.01	1.26	2.00	5.00
R1MDACTX_E	11903	2.90	1.20	2.00	5.00
R2MDACTX_E	9297	2.83	1.17	2.00	5.00
R3MDACTX_E	9766	2.83	1.17	2.00	5.00
R4MDACTX_E	11039	2.85	1.18	2.00	5.00
R5MDACTX_E	10266	2.87	1.19	2.00	5.00
R6MDACTX_E	10596	2.85	1.20	2.00	5.00
R7MDACTX_E	9663	2.83	1.19	2.00	5.00
S1MDACTX_E	7935	2.79	1.13	2.00	5.00
S2MDACTX_E	6075	2.71	1.09	2.00	5.00
S3MDACTX_E	6382	2.67	1.06	2.00	5.00
S4MDACTX_E	7394	2.71	1.09	2.00	5.00
S5MDACTX_E	6957	2.72	1.09	2.00	5.00
S6MDACTX_E	7239	2.70	1.10	2.00	5.00
S7MDACTX_E	6557	2.68	1.09	2.00	5.00
R1LTACTX_E	11905	2.55	1.02	2.00	5.00
R2LTACTX_E	9298	2.43	0.92	2.00	5.00
R3LTACTX_E	9769	2.47	0.96	2.00	5.00
R4LTACTX_E	11039	2.50	0.99	2.00	5.00
R5LTACTX_E	10266	2.48	0.98	2.00	5.00
R6LTACTX_E	10597	2.43	0.94	2.00	5.00
R7LTACTX_E	9663	2.43	0.94	2.00	5.00
S1LTACTX_E	7934	2.52	0.99	2.00	5.00
S2LTACTX_E	6076	2.39	0.87	2.00	5.00
S3LTACTX_E	6385	2.41	0.90	2.00	5.00
S4LTACTX_E	7394	2.45	0.94	2.00	5.00
S5LTACTX_E	6957	2.42	0.90	2.00	5.00
S6LTACTX_E	7239	2.36	0.86	2.00	5.00
S7LTACTX_E	6557	2.37	0.87	2.00	5.00

Categorical Variable Codes

Value	R1VGACTX_E	R2VGACTX_E	R3VGACTX_E	R4VGACTX_E	R5VGACTX_E	R6VGACTX_E	R7VGACTX_E
.d:DK	14		1	4	3	1	3
.m:Missing		9					
.p:proxy	175	123		1	4		1
.r:Refuse	5	1	1	6	3	4	
2.> 1 per week	2145	1661	1899	2164	1951	2177	1958
3.1 per week	1157	905	891	1035	975	979	890
4.1-3 per mon	1122	987	934	1059	1049	982	852
5.hardly ever or never	7481	5746	6045	6781	6289	6458	5962

Value	S1VGACTX_E	S2VGACTX_E	S3VGACTX_E	S4VGACTX_E	S5VGACTX_E	S6VGACTX_E	S7VGACTX_E
.d:DK	9		1	2	3	1	3
.m:Missing		7					
.p:proxy	122	93		1	4		1
.r:Refuse	4	1		5	2	3	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
2.> 1 per week	1585	1216	1423	1610	1491	1708	1514
3.1 per week	831	656	634	770	739	726	673

4.1-3 per mon	803	671	686	740	772	706	630
5.hardly ever or never	4716	3534	3642	4274	3953	4098	3739

Value	R1MDACTX_E	R2MDACTX_E	R3MDACTX_E	R4MDACTX_E	R5MDACTX_E	R6MDACTX_E	R7MDACTX_E
.d:DK	16	2	4	4	3	1	2
.m:Missing		9					
.p:proxy	175	123					
.r:Refuse	5	1	1	7	5	4	1
2.> 1 per week	6780	5575	5891	6613	6027	6441	5961
3.1 per week	1924	1360	1450	1578	1521	1402	1238
4.1-3 per mon	807	713	666	768	726	669	596
5.hardly ever or never	2392	1649	1759	2080	1992	2084	1868

Value	S1MDACTX_E	S2MDACTX_E	S3MDACTX_E	S4MDACTX_E	S5MDACTX_E	S6MDACTX_E	S7MDACTX_E
.d:DK	9	2	4	2	3		2
.m:Missing		7					
.p:proxy	122	93					
.r:Refuse	4	1		6	4	3	1
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
2.> 1 per week	4768	3893	4152	4751	4416	4726	4348
3.1 per week	1352	901	992	1100	1075	1018	890
4.1-3 per mon	538	448	407	481	482	441	397
5.hardly ever or never	1277	833	831	1062	984	1054	922

Value	R1LTACTX_E	R2LTACTX_E	R3LTACTX_E	R4LTACTX_E	R5LTACTX_E	R6LTACTX_E	R7LTACTX_E
.d:DK	14	1	1	4	3		2
.m:Missing		9					
.p:proxy	175	123					
.r:Refuse	5	1	1	7	5	4	1
2.> 1 per week	8667	7232	7515	8369	7860	8385	7623
3.1 per week	1367	929	949	1060	1005	873	844
4.1-3 per mon	458	321	300	390	298	313	254
5.hardly ever or never	1413	816	1005	1220	1103	1026	942

Value	S1LTACTX_E	S2LTACTX_E	S3LTACTX_E	S4LTACTX_E	S5LTACTX_E	S6LTACTX_E	S7LTACTX_E
.d:DK	10	1	1	2	3		2
.m:Missing		7					
.p:proxy	122	93					
.r:Refuse	4	1		6	4	3	1
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
2.> 1 per week	5835	4819	5034	5753	5474	5902	5299
3.1 per week	900	568	602	677	665	575	566
4.1-3 per mon	357	240	219	273	228	223	188
5.hardly ever or never	842	449	530	691	590	539	504

How Constructed

RwVGACTX_E, RwMDACTX_E, and RwLTACTX_E indicate frequency of vigorous, moderately energetic, or mildly energetic physical activity, respectively. A code of 2 indicates the respondent reported taking part in the given level of physical activity more than once a week. A code of 3 indicates the respondent reported taking part in the given level of physical activity once a week. A code of 4 indicates the respondent reported taking part in the given level of physical activity one to three times a month. A code of 5 indicates the respondent reported taking part in the given level of physical activity hardly ever or never. Don’t know, refused, or other missing values of RwVGACTX_E, RwMDACTX_E, and RwLTACTX_E are assigned special missing codes .d, .r, .m, respectively. RwVGACTX_E, RwMDACTX_E, and RwLTACTX_E are set to special missing .p if the physical activity questions were skipped because the interview was by proxy. RwVGACTX_E, RwMDACTX_E, and RwLTACTX_E are set to plain missing (.) for respondents who did not respond to the current wave.

SwVGACTX_E, SwMDACTX_E, and SwLTACTX_E indicate the respondent’s spouse’s frequency of the given levels of physical activity and are taken directly from spouse’s responses to RwVGACTX_E, RwMDACTX_E, and RwLTACTX_E, respectively. In addition to the special missing codes used in RwVGACTX_E, RwMDACTX_E, and RwLTACTX_E, SwVGACTX_E, SwMDACTX_E, and SwLTACTX_E employ two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

Physical activity questions were not asked to proxy respondents in Waves 1 and 2. Proxy respondents were asked about physical activities and exercise from Wave 3 forward.

Differences with the RAND HRS

ELSA uses a slightly different scale than the scale used in HRS Waves 7 and following. Unlike the HRS, ELSA does not allow respondents to identify their frequency as 1.every day. Also instead of “never”, ELSA allows respondents to identify their frequency as “hardly ever or never”. These Harmonized ELSA variables should be understood to use a modified scale from the RAND HRS variables with the same naming convention.

ELSA Variables Used

```
Wave 1 Core:
    HEACTA         do you take part in sports or activities that are vigoro
    HEACTB         do you take part in sports or activities that are modera
    HEACTC         do you take part in sports or activities that are mildly
Wave 2 Core:
    HEACTA         frequency does vigorous sports or activities
    HEACTB         frequency does moderate sports or activities
    HEACTC         frequency does mild sports or activities
Wave 3 Core:
    HEACTA         frequency does vigorous sports or activities
    HEACTB         frequency does moderate sports or activities
    HEACTC         frequency does mild sports or activities
Wave 4 Core:
    HEACTA         frequency does vigorous sports or activities
    HEACTB         frequency does moderate sports or activities
    HEACTC         frequency does mild sports or activities
Wave 5 Core:
    HEACTA         frequency does vigorous sports or activities
    HEACTB         frequency does moderate sports or activities
    HEACTC         frequency does mild sports or activities
Wave 6 Core:
    HEACTA         frequency does vigorous sports or activities
    HEACTB         frequency does moderate sports or activities
    HEACTC         frequency does mild sports or activities
Wave 7 Core:
    HEACTA         frequency does vigorous sports or activities
    HEACTB         frequency does moderate sports or activities
    HEACTC         frequency does mild sports or activities
```

Health Behaviors: Drinking

Wave	Variable	Label	Type
1	R1DRINK	r1drink:w1 R ever drinks any alcohol	Categ
2	R2DRINK	r2drink:w2 R ever drinks any alcohol	Categ
3	R3DRINK	r3drink:w3 R ever drinks any alcohol	Categ
4	R4DRINK	r4drink:w4 R ever drinks any alcohol	Categ
5	R5DRINK	r5drink:w5 R ever drinks any alcohol	Categ
6	R6DRINK	r6drink:w6 R ever drinks any alcohol	Categ
7	R7DRINK	r7drink:w7 R ever drinks any alcohol	Categ
1	S1DRINK	s1drink:w1 S ever drinks any alcohol	Categ
2	S2DRINK	s2drink:w2 S ever drinks any alcohol	Categ
3	S3DRINK	s3drink:w3 S ever drinks any alcohol	Categ
4	S4DRINK	s4drink:w4 S ever drinks any alcohol	Categ
5	S5DRINK	s5drink:w5 S ever drinks any alcohol	Categ
6	S6DRINK	s6drink:w6 S ever drinks any alcohol	Categ
7	S7DRINK	s7drink:w7 S ever drinks any alcohol	Categ
2	R2DRINKD_E	r2drinkd_e:w2 R # days/week drinks	Cont
3	R3DRINKD_E	r3drinkd_e:w3 R # days/week drinks	Cont
4	R4DRINKD_E	r4drinkd_e:w4 R # days/week drinks	Cont
5	R5DRINKD_E	r5drinkd_e:w5 R # days/week drinks	Cont
6	R6DRINKD_E	r6drinkd_e:w6 R # days/week drinks	Cont
7	R7DRINKD_E	r7drinkd_e:w7 R # days/week drinks	Cont
2	S2DRINKD_E	s2drinkd_e:w2 S # days/week drinks	Cont
3	S3DRINKD_E	s3drinkd_e:w3 S # days/week drinks	Cont
4	S4DRINKD_E	s4drinkd_e:w4 S # days/week drinks	Cont
5	S5DRINKD_E	s5drinkd_e:w5 S # days/week drinks	Cont
6	S6DRINKD_E	s6drinkd_e:w6 S # days/week drinks	Cont
7	S7DRINKD_E	s7drinkd_e:w7 S # days/week drinks	Cont
2	R2DRINKN_E	r2drinkn_e:w2 R # drinks/day	Cont
3	R3DRINKN_E	r3drinkn_e:w3 R # drinks/day	Cont
2	S2DRINKN_E	s2drinkn_e:w2 S # drinks/day	Cont
3	S3DRINKN_E	s3drinkn_e:w3 S # drinks/day	Cont
4	R4DRINKWN_E	r4drinkwn_e:w4 R # drinks/week	Cont
5	R5DRINKWN_E	r5drinkwn_e:w5 R # drinks/week	Cont
6	R6DRINKWN_E	r6drinkwn_e:w6 R # drinks/week	Cont
7	R7DRINKWN_E	r7drinkwn_e:w7 R # drinks/week	Cont
4	S4DRINKWN_E	s4drinkwn_e:w4 S # drinks/week	Cont
5	S5DRINKWN_E	s5drinkwn_e:w5 S # drinks/week	Cont
6	S6DRINKWN_E	s6drinkwn_e:w6 S # drinks/week	Cont
7	S7DRINKWN_E	s7drinkwn_e:w7 S # drinks/week	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DRINK	11904	0.88	0.32	0.00	1.00
R2DRINK	8144	0.89	0.31	0.00	1.00
R3DRINK	7917	0.89	0.31	0.00	1.00
R4DRINK	9103	0.89	0.32	0.00	1.00
R5DRINK	8862	0.88	0.33	0.00	1.00
R6DRINK	8830	0.87	0.34	0.00	1.00
R7DRINK	8031	0.87	0.34	0.00	1.00

S1DRINK	7935	0.91	0.29	0.00	1.00
S2DRINK	5580	0.91	0.28	0.00	1.00
S3DRINK	5429	0.91	0.29	0.00	1.00
S4DRINK	6354	0.91	0.29	0.00	1.00
S5DRINK	6112	0.90	0.30	0.00	1.00
S6DRINK	6157	0.89	0.31	0.00	1.00
S7DRINK	5558	0.89	0.31	0.00	1.00
R2DRINKD_E	8000	2.42	2.47	0.00	7.00
R3DRINKD_E	7820	2.45	2.43	0.00	7.00
R4DRINKD_E	8968	2.44	2.44	0.00	7.00
R5DRINKD_E	8765	2.37	2.46	0.00	7.00
R6DRINKD_E	8753	2.33	2.42	0.00	7.00
R7DRINKD_E	7981	2.27	2.38	0.00	7.00
S2DRINKD_E	5495	2.61	2.48	0.00	7.00
S3DRINKD_E	5373	2.63	2.43	0.00	7.00
S4DRINKD_E	6258	2.63	2.43	0.00	7.00
S5DRINKD_E	6052	2.56	2.45	0.00	7.00
S6DRINKD_E	6107	2.52	2.42	0.00	7.00
S7DRINKD_E	5524	2.45	2.38	0.00	7.00
R2DRINKN_E	7782	2.03	2.52	0.00	33.00
R3DRINKN_E	7683	2.18	2.64	0.00	32.00
S2DRINKN_E	5339	2.21	2.55	0.00	33.00
S3DRINKN_E	5278	2.38	2.68	0.00	29.00
R4DRINKWN_E	9023	5.72	8.14	0.00	108.00
R5DRINKWN_E	8808	5.62	8.88	0.00	294.00
R6DRINKWN_E	8796	5.55	7.96	0.00	83.00
R7DRINKWN_E	8007	5.36	7.85	0.00	105.00
S4DRINKWN_E	6303	6.15	7.93	0.00	72.00
S5DRINKWN_E	6084	6.13	9.02	0.00	294.00
S6DRINKWN_E	6136	6.03	8.09	0.00	83.00
S7DRINKWN_E	5541	5.87	8.07	0.00	105.00

Categorical Variable Codes

Value	R1DRINK	R2DRINK	R3DRINK	R4DRINK	R5DRINK	R6DRINK	R7DRINK
.c:no self-completion inter		1078	1534	1749	1244	1605	1469
.d:DK	15						
.m:Missing		210	320	198	168	166	166
.p:proxy	175						
.r:Refuse	5						
0.no	1395	883	879	1034	1105	1177	1059
1.yes	10509	7261	7038	8069	7757	7653	6972

Value	S1DRINK	S2DRINK	S3DRINK	S4DRINK	S5DRINK	S6DRINK	S7DRINK
.c:no self-completion inter		457	771	916	751	999	902
.d:DK	9						
.m:Missing		141	186	132	101	86	100
.p:proxy	122						
.r:Refuse	4						
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	744	491	500	589	593	667	595
1.yes	7191	5089	4929	5765	5519	5490	4963

How Constructed

RwDRINK indicates whether the respondent has had an alcoholic drink during the last 12 months. A code of 0 indicates that the respondent reports not having had an alcoholic drink during the last 12 months. A code of 1 indicates that the respondent reports having had an alcoholic drink during the last 12 months. Don't know, refused, or other missing values of RwDRINK are assigned special missing values .d, .r, .m respectively. In wave 1, RwDRINK is asked in the core interview and is set to special missing .p if the alcohol question was skipped because the interview was by proxy. In wave 2 and forward, RwDRINK is asked in the self-completion questionnaire and is set to special missing .c if the respondent was not part of the self-completion sample. RwDRINK is set to plain missing (.) for respondents who did not respond to the current wave.

SwDRINK indicates whether the respondent's spouse has had an alcoholic drink during the last 12 months and is taken directly from the spouse's response to RwDRINK. In addition to the special missing codes used in RwDRINK, SwDRINK employs two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwDRINKD_E indicates the number of days the respondent reported having an alcoholic drink in the last seven days. This question is only asked if the respondent reported having an alcoholic drink in the past seven days. If a respondent reports they did not have any drink in the past week, then RwDRINKD_E is assigned a value of 0. Don't know, refused, or other missing values of RwDRINKD_E are assigned special missing codes .d, .r, .m, respectively. In wave 2 and forward, RwDRINKD_E is asked in the self-completion questionnaire and is set to special missing .c if the respondent was not part of the self-completion sample.RwDRINKD_E is set to plain missing (.) for respondents who did not respond to the current wave.

SwDRINKD_E is the number of days the respondent's spouse reported having an alcoholic drink in the last seven days and is taken directly from the spouse's response to RwDRINKD_E. In addition to the special missing codes used in RwDRINKD_E, SwDRINKD_E employs two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwDRINKN_E indicates the number of drinks the respondent reported having on the day when they drank the most during the previous week. ELSA surveys the respondent as to the number of drinks from a list of different drinks: Pints of normal beer, large cans/bottles of normal beer, small cans/bottles of normal beer, pints of strong beer, large cans/bottles of strong beer, cans/bottles of strong beer, glasses of spirit/liquor, glasses of sherry/martini, glasses of wine, and bottles/cans of alcopops. RwDRINKN_E is the sum of all of these different types of drinks. These questions are only asked if the respondent reported having an alcoholic drink in the past seven days. If a respondent reports they did not have any drink in the past week, then RwDRINKN_E is assigned a value of 0. Don't know, refused, or other missing values of RwDRINKN_E are assigned special missing codes .d, .r, .m, respectively. In wave 2 and forward, RwDRINKN_E is asked in the self-completion questionnaire and is set to special missing .c if the respondent was not part of the self-completion sample. RwDRINKN_E is set to plain missing (.) for respondents who did not respond to the current wave.

SwDRINKN_E is the number of drinks the respondent's spouse reported having on the day he/she drank the most during the previous week and is taken directly from the spouse's responses to RwDRINKN_E. In addition to the special missing codes used in RwDRINKN_E, SwDRINKN_E employs two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwDRINKWN_E indicates the number of drinks the respondent reported drinking during the last 7 days. ELSA surveys the respondent as to the number of measures of spirits, glasses of wine, and pints of beer, each separately. RwDRINKWN_E is the sum of these 3 different types of drinks. These questions are only asked if the respondent reported having an alcoholic drink in the past seven days. If a respondent reports they did not have any drink in the past week, then RwDRINKWN_E is assigned a value of 0. Don't know, refused, or other missing values of RwDRINKWN_E are assigned special missing codes .d, .r, .m, respectively. In wave 2 and forward, RwDRINKWN_E is asked in the self-completion questionnaire and is set to special missing .c if the respondent was not part of the self-completion sample. RwDRINKWN_E is set to plain missing (.) for respondents who did not respond to the current wave.

SwDRINKWN_E is the number of drinks the respondent's spouse reported drinking during the previous week and is taken directly from the spouse's responses to RwDRINKWN_E. In addition to the special missing

codes used in RwDRINKWN_E, SwDRINKWN_E employs two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

In Wave 1, whether drinks any alcohol was asked during the core survey to non-proxy respondents. Frequency of drinking and quantity of drinks were not included in ELSA Wave 1.

Starting in Wave 2, whether drinks any alcohol, frequency of drinking, and quantity of drinks were included in the self-completion survey.

In the Wave 2 and Wave 3 self-completion survey, respondents are asked: "Please think about the day in the last week on which you drank the most." ELSA then surveys the respondent as to the number of consumed drinks for a list of different drinks: Pints of normal beer, large cans/bottles of normal beer, small cans/bottles of normal beer, pints of strong beer, large cans/bottles of strong beer, cans/bottles of strong beer, glasses of spirit/liquor, glasses of sherry/martini, glasses of wine, and bottles/cans of alcopops. These measures are captured in R2DRINKN_E and R3DRINKN_E.

Starting in the Wave 4 self-completion survey, respondents are asked: "During the last seven days, how many [drinks] did you have?" ELSA then surveys the respondent as to the number of measures of spirits, glasses of wine, and pints of beer the respondent consumed, each separately. To account for the significant change between the Wave 3 and Wave 4 quantity of drinks wording, the Wave 4 and following wave variables are named RwDRINKWN_E. The change in variable name is to signify the difference in scope, RwDRINKN_E refers to drinks in one day while RwDRINKWN_E refers to drinks in a week, and the difference in focus, RwDRINKN_E captures the day when the respondent drank the most in the past week while RwDRINKWN_E captures every day of the last 7 days.

Differences with the RAND HRS

Unlike the RAND HRS variable RwDRINKD, RwDRINKD_E indicates the number of days the respondent reported having an alcoholic drink in the last seven days, not the last three months.

Unlike the HRS, ELSA surveys the respondent as to the number of drinks he/she had on the day when he/she drank the most during the previous week for a list of different drinks: Pints of normal beer, large cans/bottles of normal beer, small cans/bottles of normal beer, pints of strong beer, large cans/bottles of strong beer, cans/bottles of strong beer, glasses of spirit/liquor, glasses of sherry/martini, glasses of wine, and bottles/cans of alcopops. RwDRINKN_E is the sum of all these different types of drinks. The RAND HRS variable RwDRINKN is based on questions about how many drinks he/she had on the days he/she drank during the last three months.

ELSA Variables Used

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Wave 1 Core:
    HEALA          in the past 12 months have you taken an alcoholic drink
Wave 2 Core:
    SCABNLC        number of large cans or bottles of normal beer drunk on
    SCABNP         number of pints of normal beer drunk on heaviest day
    SCABNSC        number of small cans or bottles of normal beer drunk on
    SCABSLC        number of large cans or bottles of strong beer drunk on
    SCABSP         number of pints of strong beer drunk on heaviest day
    SCABSSC        number of small cans or bottles of strong beer drunk on
    SCAKO          how often respondent has had an alcoholic drink during t
    SCAL7A         whether respondent had an alcoholic drink in the seven d
    SCAL7B         how many days out of the last seven the respondent had a
    SCAPOPG        number of small cans or bottle of alcopops drunk on heav
    SCASHER        number of glasses of sherry drunk on heaviest day
    SCASPIR        number of glasses of spirits drunk on heaviest day
    SCAWIN         number of glasses of wine drunk on heaviest day
    SCDRI01        whether respondent drunk normal beer on the heaviest day
    SCDRI02        whether respondent drunk strong beer on the heaviest day
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    SCDRI03         whether respondent drunk spirits on the heaviest day
    SCDRI04         whether respondent drunk sherry on the heaviest day
    SCDRI05         whether respondent drunk wine on the heaviest day
    SCDRI06         whether respondent drunk alcopops on the heaviest day
Wave 3 Core:
    SCABNLC         large cans/bottles of normal beer drunk on day last week
    SCABNP          pints of normal beer drunk on day last week when drank t
    SCABNSC         small cans/bottles of normal beer drunk on day last week
    SCABSLC         large cans/bottles of strong beer drunk on day last week
    SCABSP          pints of strong beer drunk on day last week when drank t
    SCABSSC         cans/bottles of strong beer drunk on day last week when
    SCAKO           how often respondent has had an alcoholic drink during t
    SCAL7A          whether respondent had an alcoholic drink in the seven d
    SCAL7B          how many days out of the last seven the respondent had a
    SCAPOPG         bottles/cans of alcopops drunk on day last week when dra
    SCASHER         glasses of sherry/martini drunk on day last week when dr
    SCASPIR         glasses of spirit/liquer drunk on day last week when dra
    SCAWIN          glasses of wine drunk on day last week when drank the mo
    SCDRI01         whether drunk normal beer on day last week when they dra
    SCDRI02         whether drunk strong beer on day last week when they dra
    SCDRI03         whether drunk spirits/liquers on day last week when they
    SCDRI04         whether drunk sherry/martini on day last week when they
    SCDRI05         whether drunk wine on day last week when they drank the
    SCDRI06         whether drunk alcopops on day last week when they drank
    SCDRI07         whether drunk other alcohol on day last week when they d
Wave 4 Core:
    SCAKO           how often respondent has had an alcoholic drink during t
    SCAL7A          whether respondent had an alcoholic drink in the seven d
    SCAL7B          how many days out of the last seven the respondent had a
    SCDRPIN         number of pints of beer the respondent had last in the l
    SCDRSPI         number of measures of spirit the respondent had last in
    SCDRWIN         number of glasses of wine the respondent had last in the
Wave 5 Core:
    SCAKO           how often respondent has had an alcoholic drink during t
    SCAL7A          whether respondent had an alcoholic drink in the seven d
    SCAL7B          how many days out of the last seven the respondent had a
    SCDRPIN         number of pints of beer the respondent had last in the l
    SCDRSPI         number of measures of spirit the respondent had last in
    SCDRWIN         number of glasses of wine the respondent had last in the
Wave 6 Core:
    SCAKO           how often respondent has had an alcoholic drink during t
    SCAL7A          whether respondent had an alcoholic drink in the seven d
    SCAL7B          how many days out of the last seven the respondent had a
    SCDRPIN         number of pints of beer the respondent had last in the l
    SCDRSPI         number of measures of spirit the respondent had last in
    SCDRWIN         number of glasses of wine the respondent had last in the
Wave 7 Core:
    SCAKO           how often respondent has had an alcoholic drink during t
    SCAL7A          whether respondent had an alcoholic drink in the seven d
    SCAL7B          how many days out of the last seven the respondent had a
    SCDRPIN         number of pints of beer the respondent had last in the l
    SCDRSPI         number of measures of spirit the respondent had last in
    SCDRWIN         number of glasses of wine the respondent had last in the
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Health Behaviors: Smoking (Cigarettes)

Wave	Variable	Label	Type
1	R1SMOKEV	r1smokev:w1 R smoke ever	Categ
2	R2SMOKEV	r2smokev:w2 R smoke ever	Categ
3	R3SMOKEV	r3smokev:w3 R smoke ever	Categ
4	R4SMOKEV	r4smokev:w4 R smoke ever	Categ
5	R5SMOKEV	r5smokev:w5 R smoke ever	Categ
6	R6SMOKEV	r6smokev:w6 R smoke ever	Categ
7	R7SMOKEV	r7smokev:w7 R smoke ever	Categ
1	S1SMOKEV	s1smokev:w1 S smoke ever	Categ
2	S2SMOKEV	s2smokev:w2 S smoke ever	Categ
3	S3SMOKEV	s3smokev:w3 S smoke ever	Categ
4	S4SMOKEV	s4smokev:w4 S smoke ever	Categ
5	S5SMOKEV	s5smokev:w5 S smoke ever	Categ
6	S6SMOKEV	s6smokev:w6 S smoke ever	Categ
7	S7SMOKEV	s7smokev:w7 S smoke ever	Categ
1	R1SMOKEN	r1smoken:w1 R smokes now	Categ
2	R2SMOKEN	r2smoken:w2 R smokes now	Categ
3	R3SMOKEN	r3smoken:w3 R smokes now	Categ
4	R4SMOKEN	r4smoken:w4 R smokes now	Categ
5	R5SMOKEN	r5smoken:w5 R smokes now	Categ
6	R6SMOKEN	r6smoken:w6 R smokes now	Categ
7	R7SMOKEN	r7smoken:w7 R smokes now	Categ
1	S1SMOKEN	s1smoken:w1 S smokes now	Categ
2	S2SMOKEN	s2smoken:w2 S smokes now	Categ
3	S3SMOKEN	s3smoken:w3 S smokes now	Categ
4	S4SMOKEN	s4smoken:w4 S smokes now	Categ
5	S5SMOKEN	s5smoken:w5 S smokes now	Categ
6	S6SMOKEN	s6smoken:w6 S smokes now	Categ
7	S7SMOKEN	s7smoken:w7 S smokes now	Categ
1	R1SMOKEF	r1smokef:w1 R # cigarettes/day	Cont
2	R2SMOKEF	r2smokef:w2 R # cigarettes/day	Cont
3	R3SMOKEF	r3smokef:w3 R # cigarettes/day	Cont
4	R4SMOKEF	r4smokef:w4 R # cigarettes/day	Cont
5	R5SMOKEF	r5smokef:w5 R # cigarettes/day	Cont
6	R6SMOKEF	r6smokef:w6 R # cigarettes/day	Cont
7	R7SMOKEF	r7smokef:w7 R # cigarettes/day	Cont
1	S1SMOKEF	s1smokef:w1 S # cigarettes/day	Cont
2	S2SMOKEF	s2smokef:w2 S # cigarettes/day	Cont
3	S3SMOKEF	s3smokef:w3 S # cigarettes/day	Cont
4	S4SMOKEF	s4smokef:w4 S # cigarettes/day	Cont
5	S5SMOKEF	s5smokef:w5 S # cigarettes/day	Cont
6	S6SMOKEF	s6smokef:w6 S # cigarettes/day	Cont
7	S7SMOKEF	s7smokef:w7 S # cigarettes/day	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SMOKEV	11909	0.64	0.48	0.00	1.00
R2SMOKEV	9430	0.63	0.48	0.00	1.00
R3SMOKEV	9764	0.61	0.49	0.00	1.00
R4SMOKEV	10881	0.60	0.49	0.00	1.00
R5SMOKEV	10139	0.62	0.49	0.00	1.00

R6SMOKEV	10407	0.62	0.49	0.00	1.00
R7SMOKEV	9485	0.62	0.48	0.00	1.00
S1SMOKEV	7937	0.64	0.48	0.00	1.00
S2SMOKEV	6176	0.63	0.48	0.00	1.00
S3SMOKEV	6380	0.60	0.49	0.00	1.00
S4SMOKEV	7241	0.59	0.49	0.00	1.00
S5SMOKEV	6831	0.62	0.49	0.00	1.00
S6SMOKEV	7049	0.61	0.49	0.00	1.00
S7SMOKEV	6382	0.61	0.49	0.00	1.00
R1SMOKEN	11909	0.18	0.39	0.00	1.00
R2SMOKEN	9426	0.16	0.36	0.00	1.00
R3SMOKEN	9766	0.15	0.36	0.00	1.00
R4SMOKEN	10827	0.14	0.35	0.00	1.00
R5SMOKEN	9968	0.13	0.34	0.00	1.00
R6SMOKEN	10596	0.12	0.33	0.00	1.00
R7SMOKEN	9664	0.11	0.32	0.00	1.00
S1SMOKEN	7937	0.17	0.37	0.00	1.00
S2SMOKEN	6174	0.14	0.35	0.00	1.00
S3SMOKEN	6385	0.14	0.34	0.00	1.00
S4SMOKEN	7220	0.13	0.33	0.00	1.00
S5SMOKEN	6706	0.11	0.32	0.00	1.00
S6SMOKEN	7237	0.11	0.31	0.00	1.00
S7SMOKEN	6558	0.10	0.30	0.00	1.00
R1SMOKEF	11896	2.11	6.02	0.00	57.14
R2SMOKEF	9403	1.71	5.52	0.00	52.86
R3SMOKEF	9735	1.63	5.31	0.00	60.00
R4SMOKEF	10803	1.49	5.33	0.00	100.00
R5SMOKEF	9916	1.31	5.02	0.00	124.29
R6SMOKEF	10526	1.17	4.60	0.00	66.00
R7SMOKEF	9594	0.97	4.20	0.00	100.00
S1SMOKEF	7928	1.94	5.80	0.00	57.14
S2SMOKEF	6155	1.51	5.27	0.00	52.86
S3SMOKEF	6361	1.42	4.98	0.00	40.00
S4SMOKEF	7198	1.26	4.71	0.00	60.00
S5SMOKEF	6663	1.12	4.58	0.00	80.00
S6SMOKEF	7169	0.99	4.15	0.00	61.71
S7SMOKEF	6497	0.78	3.64	0.00	40.00

Categorical Variable Codes

Value	R1SMOKEV	R2SMOKEV	R3SMOKEV	R4SMOKEV	R5SMOKEV	R6SMOKEV	R7SMOKEV
.d:DK	11		1	2			
.m:Missing		1	6	20		193	181
.p:proxy	174			143	133		
.r:Refuse	5	1		4	2	1	
0.No	4288	3478	3773	4340	3839	3955	3585
1.Yes	7621	5952	5991	6541	6300	6452	5900

Value	S1SMOKEV	S2SMOKEV	S3SMOKEV	S4SMOKEV	S5SMOKEV	S6SMOKEV	S7SMOKEV
.d:DK	7		1	2			
.m:Missing		1	5	19		192	178
.p:proxy	122			136	131		
.r:Refuse	4	1		4	2	1	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	2837	2302	2527	2964	2625	2739	2478
1.Yes	5100	3874	3853	4277	4206	4310	3904

Value	R1SMOKEN	R2SMOKEN	R3SMOKEN	R4SMOKEN	R5SMOKEN	R6SMOKEN	R7SMOKEN

.d:DK	11	4	3	3	2	2	1
.m:Missing		1		69			
.p:proxy	174			145	301		
.r:Refuse	5	1	2	6	3	3	1
0.No	9753	7955	8263	9285	8660	9292	8570
1.Yes	2156	1471	1503	1542	1308	1304	1094

Value	S1SMOKEN	S2SMOKEN	S3SMOKEN	S4SMOKEN	S5SMOKEN	S6SMOKEN	S7SMOKEN
.d:DK	7	2	1	2	2	2	1
.m:Missing		1		37			
.p:proxy	122			138	254		
.r:Refuse	4	1		5	2	3	1
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No	6596	5294	5514	6317	5936	6447	5921
1.Yes	1341	880	871	903	770	790	637

How Constructed

RwSMOKEV indicates whether the respondent reports ever having smoked. The answer to the respondent's first ever-smoked question is fed-forward for subsequent waves. A code of 0 indicates that the respondent reports never having smoked. A code of 1 indicates that the respondent reports having ever smoked. Don't know, refused, or other missing values to RwSMOKEV are assigned special missing codes .d, .r, .m, respectively. RwSMOKEV is set to special missing .p if the smoking question was skipped because the interview was by proxy. RwSMOKEV is set to plain missing (.) for respondents who did not respond to the current wave.

SwSMOKEV indicates whether respondent's spouse reports ever having smoked and is taken directly from the spouse's responses to RwSMOKEV. In addition to the special missing codes used in RwSMOKEV, SwSMOKEV employs two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwSMOKEN indicates whether the respondent reports smoking at all nowadays. This question is only asked if the respondent reports ever smoking. If the respondent reported never smoking, then RwSMOKEN is assigned a value of "no". A code of 0 indicates that the respondent reports not smoking nowadays. A code of 1 indicates that the respondent reports smoking nowadays. Don't know, refused, or other missing values of RwSMOKEN are assigned special missing codes .d, .r, .m, respectively. RwSMOKEN is set to special missing .p if the smoking question was skipped because the interview was by proxy. RwSMOKEN is set to plain missing (.) for respondents who did not respond to the current wave.

SwSMOKEN indicates whether the respondent's spouse reports smoking at all nowadays and is taken directly from the spouse's responses to RwSMOKEN. In addition to the special missing codes used in RwSMOKEN, SwSMOKEN employs two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwSMOKEF indicates how many cigarettes the respondent smokes on average per day. If the respondent indicates that they smoke cigarettes at all nowadays, then they will be asked if they smoke cigarettes or roll ups. All respondents who report smoking cigarettes or cigarettes and roll ups are then asked separately about the number of cigarettes a day they usually smoke on weekdays and the number of cigarettes a day they usually smoke on weekends. Since the respondent reports the amount of cigarettes smoked on weekends and on weekdays, we calculated the average amount of cigarettes the respondent smokes per day. To calculate the average for the number of cigarettes, we added the amount of cigarettes a day the respondent smokes on weekdays times 5 and the amount of cigarettes a day the respondent smokes on the weekend times 2 to obtain the number of cigarettes smoked per week, and divided the total number of cigarettes smoked per week by 7. If the respondent reports he/she does not currently smoke or that they only smoke roll ups, RwSMOKEF is assigned a value of 0. When respondents don't know, are missing, or refuse to answer, RwSMOKEF is assigned special missing values .d, .m, or .r, respectively. RwSMOKEF is set to special missing .p if the smoking question was skipped because the interview was by proxy. RwSMOKEF is set to plain missing (.) for respondents who did not respond to the current wave.

SwSMOKEF records how many cigarettes the respondent's spouse smokes on average per day and is taken directly from RwSMOKEF. In addition to the special missing codes used in RwSMOKEF, SwSMOKEF employs the special missing value .u, when the respondent does not report being coupled in the current wave, and the

special missing value .v, when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

Smoking questions were asked to different groups of respondents in different waves. These are two questions that were asked to the respondents:

1. Have you ever smoked cigarettes?

2. Do you smoke cigarettes at all nowadays?

In wave 1, the first question was asked to every respondent who was not surveyed by proxy, and the second question was asked to every respondent who gave a positive answer to the first question.

In wave 2, the first question was asked to respondents who did not answer in the first wave, even if the respondent was surveyed by proxy. The second question was asked to respondents who gave positive answers to the first question.

In wave 3, the first question was only asked to the people who were not surveyed by proxy and did not answer the first question in the previous two waves. The second question was asked for all except those whose current answer to ever smoking was no, including proxies.

In wave 4, the first question was only asked to respondents who were not surveyed by proxy and did not answer the first question in the previous waves. The second question was not asked to respondents who gave negative answers or to proxies when there was no previous answer to the first question.

In wave 5, the first question was asked to non-proxy respondents and was not asked to respondents who had previously answered yes to the question. The second question was not asked to respondents who gave a negative answer to the first question or to proxies when there was no previous yes answer.

In wave 6 and 7, the first question was asked to non-proxy respondents and was not asked to respondents who had previously answered yes to the question. The second question was asked to all respondents except those whose current answer to ever smoking was no, including proxies.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

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Wave 1 Core:
    HECIG          do you smoke cigarettes or roll ups?
    HESKA          do you smoke cigarettes at all nowadays?
    HESKB          about how many cigarettes a day do you usually smoke on
    HESKC          about how many cigarettes a day do you usually smoke on
    HESMK          have you ever smoked cigarettes?
Wave 2 Core:
    HECIG          type of nicotine product smokes
    HESKA          whether smokes cigarettes at all nowadays
    HESKB          number of cigarettes smoke per weekday
    HESKC          number of cigarettes smoke per weekend day
    HESKE          reason disputed reported smoking from wave 1
    HESMK          whether ever smoked cigarettes
Wave 3 Core:
    HECIG          type of nicotine product smokes
    HESKA          whether smokes cigarettes at all nowadays
    HESKB          number of cigarettes smoke per weekday
    HESKC          number of cigarettes smoke per weekend day
    HESKE          reason disputed reported smoking at last interview
    HESMK          whether ever smoked cigarettes
Wave 4 Core:
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    HECIG          type of nicotine product smokes
    HESKA          whether smokes cigarettes at all nowadays
    HESKB          number of cigarettes smoke per weekday
    HESKC          number of cigarettes smoke per weekend day
    HESKE          reason disputed reported smoking at last interview
    HESMK          whether ever smoked cigarettes
Wave 5 Core:
    HECIG          type of nicotine product smokes
    HESKA          whether smokes cigarettes at all nowadays
    HESKB          number of cigarettes smoke per weekday
    HESKC          number of cigarettes smoke per weekend day
    HESKE          reason disputed reported smoking at last interview
    HESMK          whether ever smoked cigarettes
Wave 6 Core:
    HECIG          type of nicotine product smokes
    HESKA          whether smokes cigarettes at all nowadays
    HESKB          number of cigarettes smoke per weekday
    HESKC          number of cigarettes smoke per weekend day
    HESKE          reason disputed reported smoking at last interview
    HESMK          whether ever smoked cigarettes
Wave 7 Core:
    HECIG          type of nicotine product smokes
    HESKA          whether smokes cigarettes at all nowadays
    HESKB          number of cigarettes smoke per weekday
    HESKC          number of cigarettes smoke per weekend day
    HESKE          reason disputed reported smoking at last interview
    HESMK          whether ever smoked cigarettes
```

Change in Health: Self-Reported Health

Wave	Variable	Label	Type
2	R2SHLTC	r2shltc:w2 r Change in self-reported hlth	Cont
4	R4SHLTC	r4shltc:w4 r Change in self-reported hlth	Cont
5	R5SHLTC	r5shltc:w5 r Change in self-reported hlth	Cont
6	R6SHLTC	r6shltc:w6 r Change in self-reported hlth	Cont
7	R7SHLTC	r7shltc:w7 r Change in self-reported hlth	Cont
2	S2SHLTC	s2shltc:w2 s Change in self-reported hlth	Cont
4	S4SHLTC	s4shltc:w4 s Change in self-reported hlth	Cont
5	S5SHLTC	s5shltc:w5 s Change in self-reported hlth	Cont
6	S6SHLTC	s6shltc:w6 s Change in self-reported hlth	Cont
7	S7SHLTC	s7shltc:w7 s Change in self-reported hlth	Cont
2	R2SHLTCF	r2shltcf:w2 r Flag chg self-reported hlth	Categ
4	R4SHLTCF	r4shltcf:w4 r Flag chg self-reported hlth	Categ
5	R5SHLTCF	r5shltcf:w5 r Flag chg self-reported hlth	Categ
6	R6SHLTCF	r6shltcf:w6 r Flag chg self-reported hlth	Categ
7	R7SHLTCF	r7shltcf:w7 r Flag chg self-reported hlth	Categ
2	S2SHLTCF	s2shltcf:w2 s Flag chg self-reported hlth	Categ
4	S4SHLTCF	s4shltcf:w4 s Flag chg self-reported hlth	Categ
5	S5SHLTCF	s5shltcf:w5 s Flag chg self-reported hlth	Categ
6	S6SHLTCF	s6shltcf:w6 s Flag chg self-reported hlth	Categ
7	S7SHLTCF	s7shltcf:w7 s Flag chg self-reported hlth	Categ
3	R3SHLTAC	r3shltac:w3 r Change in self-reported hlth, European scale	Cont
3	S3SHLTAC	s3shltac:w3 s Change in self-reported hlth, European scale	Cont
3	R3SHLTACF	r3shltacf:w3 r Flag chg self-reported hlth, European scale	Categ
3	S3SHLTACF	s3shltacf:w3 s Flag chg self-reported hlth, European scale	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R2SHLTC	9164	0.10	0.94	-4.00	4.00
R4SHLTC	6740	0.15	0.94	-4.00	4.00
R5SHLTC	9485	0.06	0.90	-4.00	4.00
R6SHLTC	8827	0.10	0.87	-4.00	4.00
R7SHLTC	8591	0.05	0.87	-4.00	4.00
S2SHLTC	5955	0.09	0.93	-4.00	4.00
S4SHLTC	4208	0.12	0.93	-4.00	4.00
S5SHLTC	6343	0.06	0.89	-4.00	4.00
S6SHLTC	5896	0.09	0.86	-4.00	4.00
S7SHLTC	5717	0.05	0.86	-4.00	4.00
R2SHLTCF	15827	3.79	4.44	0.00	9.00
R4SHLTCF	13547	4.99	4.03	0.00	9.00
R5SHLTCF	12560	4.46	2.60	1.00	9.00
R6SHLTCF	11697	5.19	2.19	1.00	9.00
R7SHLTCF	10316	5.61	1.56	1.00	9.00
S2SHLTCF	6178	0.32	1.68	0.00	9.00
S4SHLTCF	7402	4.43	3.99	0.00	9.00
S5SHLTCF	6964	3.52	1.73	1.00	9.00

S6SHLTCF	7242	4.89	1.98	1.00	9.00
S7SHLTCF	6560	5.46	1.41	1.00	9.00
R3SHLTAC	7777	0.16	0.84	-3.00	4.00
S3SHLTAC	4882	0.16	0.80	-3.00	4.00
R3SHLTACF	14497	4.17	4.49	0.00	9.00
S3SHLTACF	6386	2.12	3.82	0.00	9.00

Categorical Variable Codes

Value	R2SHLTCF	R4SHLTCF	R5SHLTCF	R6SHLTCF	R7SHLTCF
0.Used IW-1	9164	344			
1.Used IW-2		6396	64	43	25
2.Used IW-3			148	99	76
3.Used IW-4			9151	104	89
4.Used IW-5			93	8553	54
5.Used IW-6			29	28	8347
9.Missing	6663	6807	3075	2870	1725

Value	S2SHLTCF	S4SHLTCF	S5SHLTCF	S6SHLTCF	S7SHLTCF
.u:Unmar	2671	2932	2742	2802	2548
.v:SP NR	583	716	568	557	558
0.Used IW-1	5955	183			
1.Used IW-2		4025	43	32	19
2.Used IW-3			99	64	47
3.Used IW-4			6140	61	61
4.Used IW-5			45	5721	30
5.Used IW-6			16	18	5560
9.Missing	223	3194	621	1346	843

Value	R3SHLTACF
0.Used IW-1	7777
9.Missing	6720

Value	S3SHLTACF
.u:Unmar	2708
.v:SP NR	677
0.Used IW-1	4882
9.Missing	1504

How Constructed

RwSHLTC is the change in self-reported health status from the last self-report to the current interview. RwSHLTAC is the change in the alternative scale of self-reported health status from the last self-report to the current interview.

The derivation of RwSHLTC and RwSHLTAC is:

RwSHLTC = RwSHLT – RpSHLT

RwSHLTAC = RwSHLTA - RpSHLTA

where 'w' means current wave and 'p' means the wave with the last self-report of health for the given scale. For example, if an individual responded to Waves 1 and 3, R3SHLTC = R3SHLT – R1SHLT. Since a lower number means better health in the RwSHLT variables, a positive value for RwSHLTC indicates a decline in self-rated health.

Don’t know, refused, or other missing responses to RwSHLTC are assigned special missing values .d, .r, .m respectively. RwSHLTC is set to special missing .c if the respondent did not have a previous interview.

SwSHLTC and SwSHLTAC are taken directly from the respondent’s spouse’s responses to RwSHLTC and RwSHLTAC, respectively. Special missing value .u is used when the respondent does not report being coupled in the

current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwSHLTCF indicates how far back the last self-report of health was. RwSHLTACF indicates how far back the last self-report of health using the alternative scale was. A code of 0 indicates that the previous interview was the 1st wave. A code of 1 indicates that the previous interview was the 2nd wave.

SwSHLTCF and SwSHLTACF indicate how far back the respondent's spouse's last report of health was for a given scale and are taken directly from the spouse's responses in RwSHLTCF and RwSHLTACF. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

The first scale of self-reported general health status is used in every wave except the 3rd wave of the ELSA. The second (alternative) scale of self reported general health status is used in the 1st and 3rd wave of the ELSA.

Differences with the RAND HRS

Unlike the HRS, the ELSA varied when the respondent was asked RwSHLT inside the health module during Wave 1. R1SHLTF indicates this timing.

Unlike the HRS, ELSA also employs a second scale of self-reported general health status. RwSHLTA is the respondent's self-reported general health status using a scale ranging from Very Good to Very Bad.

ELSA Variables Used

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Wave 1 Core:
    HEGENH         how is your health in general? would you say it was …? {
    HEGENHB        would you say your health is ... ? {end of section}
    HEHELF         would you say your health is ... ? {start of section}
    HEHELFB        how is your health in general? would you say it was …? {
Wave 2 Core:
    HEHELF         self-reported general health
Wave 3 Core:
    HEGENH         self-reported general health
Wave 4 Core:
    HEHELF         self-reported general health
Wave 5 Core:
    HEHELF         self-reported general health
Wave 6 Core:
    HEHELF         self-reported general health
Wave 7 Core:
    HEHELF         self-reported general health
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Change in Health: Functional Limitations

Wave	Variable	Label	Type
2	R2ADLC	r2adlc:w2 r Change-ADLs /0-5	Cont
3	R3ADLC	r3adlc:w3 r Change-ADLs /0-5	Cont
4	R4ADLC	r4adlc:w4 r Change-ADLs /0-5	Cont
5	R5ADLC	r5adlc:w5 r Change-ADLs /0-5	Cont
6	R6ADLC	r6adlc:w6 r Change-ADLs /0-5	Cont
7	R7ADLC	r7adlc:w7 r Change-ADLs /0-5	Cont
2	S2ADLC	s2adlc:w2 s Change-ADLs /0-5	Cont
3	S3ADLC	s3adlc:w3 s Change-ADLs /0-5	Cont
4	S4ADLC	s4adlc:w4 s Change-ADLs /0-5	Cont
5	S5ADLC	s5adlc:w5 s Change-ADLs /0-5	Cont
6	S6ADLC	s6adlc:w6 s Change-ADLs /0-5	Cont
7	S7ADLC	s7adlc:w7 s Change-ADLs /0-5	Cont
2	R2ADLF	r2adlf:w2 r Chg Flag-ADLs /0-5	Categ
3	R3ADLF	r3adlf:w3 r Chg Flag-ADLs /0-5	Categ
4	R4ADLF	r4adlf:w4 r Chg Flag-ADLs /0-5	Categ
5	R5ADLF	r5adlf:w5 r Chg Flag-ADLs /0-5	Categ
6	R6ADLF	r6adlf:w6 r Chg Flag-ADLs /0-5	Categ
7	R7ADLF	r7adlf:w7 r Chg Flag-ADLs /0-5	Categ
2	S2ADLF	s2adlf:w2 s Chg Flag-ADLs /0-5	Categ
3	S3ADLF	s3adlf:w3 s Chg Flag-ADLs /0-5	Categ
4	S4ADLF	s4adlf:w4 s Chg Flag-ADLs /0-5	Categ
5	S5ADLF	s5adlf:w5 s Chg Flag-ADLs /0-5	Categ
6	S6ADLF	s6adlf:w6 s Chg Flag-ADLs /0-5	Categ
7	S7ADLF	s7adlf:w7 s Chg Flag-ADLs /0-5	Categ
2	R2GROSSC	r2grossc:w2 r Chg:Walk1/R,Clim1,Bed,Bath/5	Cont
3	R3GROSSC	r3grossc:w3 r Chg:Walk1/R,Clim1,Bed,Bath/5	Cont
4	R4GROSSC	r4grossc:w4 r Chg:Walk1/R,Clim1,Bed,Bath/5	Cont
5	R5GROSSC	r5grossc:w5 r Chg:Walk1/R,Clim1,Bed,Bath/5	Cont
6	R6GROSSC	r6grossc:w6 r Chg:Walk1/R,Clim1,Bed,Bath/5	Cont
7	R7GROSSC	r7grossc:w7 r Chg:Walk1/R,Clim1,Bed,Bath/5	Cont
2	S2GROSSC	s2grossc:w2 s Chg:Walk1/R,Clim1,Bed,Bath/5	Cont
3	S3GROSSC	s3grossc:w3 s Chg:Walk1/R,Clim1,Bed,Bath/5	Cont
4	S4GROSSC	s4grossc:w4 s Chg:Walk1/R,Clim1,Bed,Bath/5	Cont
5	S5GROSSC	s5grossc:w5 s Chg:Walk1/R,Clim1,Bed,Bath/5	Cont
6	S6GROSSC	s6grossc:w6 s Chg:Walk1/R,Clim1,Bed,Bath/5	Cont
7	S7GROSSC	s7grossc:w7 s Chg:Walk1/R,Clim1,Bed,Bath/5	Cont
2	R2GROSSF	r2grossf:w2 r ChgF:Walk1/R,Clim1,Bed,Bath /0-5	Categ
3	R3GROSSF	r3grossf:w3 r ChgF:Walk1/R,Clim1,Bed,Bath /0-5	Categ
4	R4GROSSF	r4grossf:w4 r ChgF:Walk1/R,Clim1,Bed,Bath /0-5	Categ
5	R5GROSSF	r5grossf:w5 r ChgF:Walk1/R,Clim1,Bed,Bath /0-5	Categ
6	R6GROSSF	r6grossf:w6 r ChgF:Walk1/R,Clim1,Bed,Bath /0-5	Categ
7	R7GROSSF	r7grossf:w7 r ChgF:Walk1/R,Clim1,Bed,Bath /0-5	Categ
2	S2GROSSF	s2grossf:w2 s ChgF:Walk1/R,Clim1,Bed,Bath /0-5	Categ
3	S3GROSSF	s3grossf:w3 s ChgF:Walk1/R,Clim1,Bed,Bath /0-5	Categ
4	S4GROSSF	s4grossf:w4 s ChgF:Walk1/R,Clim1,Bed,Bath /0-5	Categ
5	S5GROSSF	s5grossf:w5 s ChgF:Walk1/R,Clim1,Bed,Bath /0-5	Categ
6	S6GROSSF	s6grossf:w6 s ChgF:Walk1/R,Clim1,Bed,Bath /0-5	Categ
7	S7GROSSF	s7grossf:w7 s ChgF:Walk1/R,Clim1,Bed,Bath /0-5	Categ
2	R2FINEC	r2finec:w2 r Chg:Dime,Eat,Dress /0-3	Cont

3	R3FINEC	r3finec:w3 r Chg:Dime,Eat,Dress /0-3	Cont
4	R4FINEC	r4finec:w4 r Chg:Dime,Eat,Dress /0-3	Cont
5	R5FINEC	r5finec:w5 r Chg:Dime,Eat,Dress /0-3	Cont
6	R6FINEC	r6finec:w6 r Chg:Dime,Eat,Dress /0-3	Cont
7	R7FINEC	r7finec:w7 r Chg:Dime,Eat,Dress /0-3	Cont
2	S2FINEC	s2finec:w2 s Chg:Dime,Eat,Dress /0-3	Cont
3	S3FINEC	s3finec:w3 s Chg:Dime,Eat,Dress /0-3	Cont
4	S4FINEC	s4finec:w4 s Chg:Dime,Eat,Dress /0-3	Cont
5	S5FINEC	s5finec:w5 s Chg:Dime,Eat,Dress /0-3	Cont
6	S6FINEC	s6finec:w6 s Chg:Dime,Eat,Dress /0-3	Cont
7	S7FINEC	s7finec:w7 s Chg:Dime,Eat,Dress /0-3	Cont
2	R2FINEF	r2finef:w2 r ChgF:Dime,Eat,Dress /0-3	Categ
3	R3FINEF	r3finef:w3 r ChgF:Dime,Eat,Dress /0-3	Categ
4	R4FINEF	r4finef:w4 r ChgF:Dime,Eat,Dress /0-3	Categ
5	R5FINEF	r5finef:w5 r ChgF:Dime,Eat,Dress /0-3	Categ
6	R6FINEF	r6finef:w6 r ChgF:Dime,Eat,Dress /0-3	Categ
7	R7FINEF	r7finef:w7 r ChgF:Dime,Eat,Dress /0-3	Categ
2	S2FINEF	s2finef:w2 s ChgF:Dime,Eat,Dress /0-3	Categ
3	S3FINEF	s3finef:w3 s ChgF:Dime,Eat,Dress /0-3	Categ
4	S4FINEF	s4finef:w4 s ChgF:Dime,Eat,Dress /0-3	Categ
5	S5FINEF	s5finef:w5 s ChgF:Dime,Eat,Dress /0-3	Categ
6	S6FINEF	s6finef:w6 s ChgF:Dime,Eat,Dress /0-3	Categ
7	S7FINEF	s7finef:w7 s ChgF:Dime,Eat,Dress /0-3	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R2ADLC	9243	0.04	0.73	-5.00	5.00
R3ADLC	8024	0.04	0.77	-5.00	5.00
R4ADLC	8352	0.05	0.74	-5.00	5.00
R5ADLC	10123	0.05	0.70	-4.00	5.00
R6ADLC	9378	0.07	0.74	-5.00	5.00
R7ADLC	9154	0.05	0.72	-5.00	5.00
S2ADLC	6011	0.04	0.67	-5.00	5.00
S3ADLC	5051	0.02	0.66	-5.00	5.00
S4ADLC	5409	0.03	0.63	-5.00	5.00
S5ADLC	6820	0.03	0.61	-4.00	5.00
S6ADLC	6323	0.05	0.65	-5.00	5.00
S7ADLC	6168	0.04	0.62	-5.00	5.00
R2ADLF	15825	3.74	4.44	0.00	9.00
R3ADLF	14422	4.52	4.00	0.00	9.00
R4ADLF	13007	4.46	3.40	0.00	9.00
R5ADLF	12092	3.89	2.29	0.00	9.00
R6ADLF	11202	4.77	1.89	0.00	9.00
R7ADLF	9758	5.20	1.02	0.00	9.00
S2ADLF	6178	0.24	1.46	0.00	9.00
S3ADLF	6386	2.65	3.27	0.00	9.00
S4ADLF	7402	3.83	3.15	0.00	9.00
S5ADLF	6964	3.02	0.97	0.00	9.00
S6ADLF	7242	4.59	1.71	0.00	9.00
S7ADLF	6560	5.20	1.00	0.00	9.00
R2GROSSC	9244	0.07	0.79	-5.00	5.00
R3GROSSC	8026	0.06	0.81	-5.00	5.00
R4GROSSC	8352	0.06	0.81	-5.00	5.00
R5GROSSC	10123	0.09	0.77	-5.00	5.00

R6GROSSC	9379	0.11	0.80	-5.00	5.00
R7GROSSC	9154	0.08	0.77	-5.00	5.00
S2GROSSC	6012	0.06	0.71	-4.00	5.00
S3GROSSC	5053	0.03	0.71	-5.00	5.00
S4GROSSC	5409	0.04	0.67	-5.00	5.00
S5GROSSC	6820	0.07	0.67	-5.00	5.00
S6GROSSC	6324	0.07	0.71	-5.00	5.00
S7GROSSC	6168	0.06	0.67	-5.00	5.00
R2GROSSF	15825	3.74	4.44	0.00	9.00
R3GROSSF	14422	4.52	4.00	0.00	9.00
R4GROSSF	13007	4.46	3.40	0.00	9.00
R5GROSSF	12092	3.89	2.29	0.00	9.00
R6GROSSF	11202	4.76	1.89	0.00	9.00
R7GROSSF	9758	5.20	1.02	0.00	9.00
S2GROSSF	6178	0.24	1.46	0.00	9.00
S3GROSSF	6386	2.64	3.27	0.00	9.00
S4GROSSF	7402	3.83	3.15	0.00	9.00
S5GROSSF	6964	3.02	0.97	0.00	9.00
S6GROSSF	7242	4.59	1.71	0.00	9.00
S7GROSSF	6560	5.20	1.00	0.00	9.00
R2FINEC	9244	0.03	0.47	-3.00	3.00
R3FINEC	8026	0.02	0.49	-3.00	3.00
R4FINEC	8352	0.03	0.47	-3.00	3.00
R5FINEC	10123	0.03	0.47	-3.00	3.00
R6FINEC	9379	0.03	0.49	-3.00	3.00
R7FINEC	9154	0.02	0.48	-3.00	3.00
S2FINEC	6012	0.02	0.43	-3.00	3.00
S3FINEC	5053	0.02	0.42	-3.00	3.00
S4FINEC	5409	0.02	0.42	-3.00	3.00
S5FINEC	6820	0.02	0.42	-3.00	3.00
S6FINEC	6324	0.03	0.44	-3.00	3.00
S7FINEC	6168	0.01	0.42	-3.00	3.00
R2FINEF	15825	3.74	4.44	0.00	9.00
R3FINEF	14422	4.52	4.00	0.00	9.00
R4FINEF	13007	4.46	3.40	0.00	9.00
R5FINEF	12092	3.89	2.29	0.00	9.00
R6FINEF	11202	4.76	1.89	0.00	9.00
R7FINEF	9758	5.20	1.02	0.00	9.00
S2FINEF	6178	0.24	1.46	0.00	9.00
S3FINEF	6386	2.64	3.27	0.00	9.00
S4FINEF	7402	3.83	3.15	0.00	9.00
S5FINEF	6964	3.02	0.97	0.00	9.00
S6FINEF	7242	4.59	1.71	0.00	9.00
S7FINEF	6560	5.20	1.00	0.00	9.00

Categorical Variable Codes

Value	R2ADLF	R3ADLF	R4ADLF	R5ADLF	R6ADLF	R7ADLF
0.Used IW-1	9243	349	174	119	16	8
1.Used IW-2		7675	273	140	18	8
2.Used IW-3			7905	411	76	7
3.Used IW-4				9453	276	58
4.Used IW-5					8992	210
5.Used IW-6						8863
9.Missing	6582	6398	4655	1969	1824	604

Value	S2ADLF	S3ADLF	S4ADLF	S5ADLF	S6ADLF	S7ADLF
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.Used IW-1	6011	171	99	80	10	4
1.Used IW-2		4880	174	97	11	6
2.Used IW-3			5136	267	52	7
3.Used IW-4				6376	166	36
4.Used IW-5					6084	137
5.Used IW-6						5978
9.Missing	167	1335	1993	144	919	392

Value	R2GROSSF	R3GROSSF	R4GROSSF	R5GROSSF	R6GROSSF	R7GROSSF
0.Used IW-1	9244	348	174	119	16	8
1.Used IW-2		7678	273	140	18	8
2.Used IW-3			7905	411	76	7
3.Used IW-4				9453	276	58
4.Used IW-5					8993	209
5.Used IW-6						8864
9.Missing	6581	6396	4655	1969	1823	604

Value	S2GROSSF	S3GROSSF	S4GROSSF	S5GROSSF	S6GROSSF	S7GROSSF
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.Used IW-1	6012	170	99	80	10	4
1.Used IW-2		4883	174	97	11	6
2.Used IW-3			5136	267	52	7
3.Used IW-4				6376	166	36
4.Used IW-5					6085	136
5.Used IW-6						5979
9.Missing	166	1333	1993	144	918	392

Value	R2FINEF	R3FINEF	R4FINEF	R5FINEF	R6FINEF	R7FINEF
0.Used IW-1	9244	348	174	119	16	8
1.Used IW-2		7678	273	140	18	8
2.Used IW-3			7905	411	76	7
3.Used IW-4				9453	276	58
4.Used IW-5					8993	209
5.Used IW-6						8864
9.Missing	6581	6396	4655	1969	1823	604

Value	S2FINEF	S3FINEF	S4FINEF	S5FINEF	S6FINEF	S7FINEF
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.Used IW-1	6012	170	99	80	10	4
1.Used IW-2		4883	174	97	11	6
2.Used IW-3			5136	267	52	7
3.Used IW-4				6376	166	36
4.Used IW-5					6085	136
5.Used IW-6						5979
9.Missing	166	1333	1993	144	918	392

How Constructed

RwADLC, RwGROSSC, and RwFINEC indicate changes from the previous to the current interview, in functional limitation indices for Activities of Daily Living (ADLs), gross motor activities, and fine motor activities, respectively.

The derivation of these variables is:

RwADLC = RwADLA - RpADLA

RwGROSSC = RwGROSSB – RpGROSSB

RwFINEC = RwFINEA - RpFINEA

where 'w' means current wave and 'p' means the previous interview. For example, if an individual responded to Waves 2 and 3, R3ADLC = R3ADLA – R2ADLA.

Don’t know, refused, or other missing responses to RwADLC, RwGROSSC, and RwFINEC are assigned special missing values .d, .r, .m respectively. RwADLC, RwGROSSC, and RwFINEC are set to special missing .c if the respondent did not have a previous interview.

SwADLC, SwGROSSC, and SwFINEC are taken directly from the respondent’s spouse’s responses to RwADLC, RwGROSSC, and RwFINEC, respectively. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwADLF, RwGROSSF, and RwFINEF indicate how far back the previous interview was. A code of 0 indicates that the previous interview was in the 1st wave. A code of 1 indicates that the previous interview was the 2nd wave. A code of 2 indicates that the previous interview was the 3rd wave.

SwADLF, SwGROSSF, and SwFINEF indicate how far back the respondent’s spouse’s previous interview was and are taken directly from the spouse’s values in RwADLF, RwGROSSF, and RwFINEF. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

The HRS surveys difficulty walking with three questions: difficulty walking across a room, difficulty walking one block, and difficulty walking several blocks. The ELSA only uses two questions to survey difficulty with walking: difficulty walking across a room and difficulty walking 100 yards. In the Harmonized ELSA, RwGROSSA is computed using information on difficulty walking 100 yards (RwWALK100A), whereas in the RAND HRS, RwGROSSA is computed using whether the respondent reported any difficulty walking one block. Likewise in the Harmonzied ELSA, RwGROSSC is computed using information on difficulty walking 100 yards (RwWALK100A), whereas in the RAND HRS, RwGROSSC is computed using whether the respondent reported any difficulty walking one block.

ELSA Variables Used

Wave 1 Core:

HEADA01	because of a health problem, do you have any difficultie
HEADA02	show card l @/we need to understand difficulties people
HEADA03	show card l @/we need to understand difficulties people
HEADA04	because of a health problem, do you have any difficultie
HEADA05	because of a health problem, do you have any difficultie
HEADA06	because of a health problem, do you have any difficultie
HEADA07	because of a health problem, do you have any difficultie
HEADA08	because of a health problem, do you have any difficultie
HEADA09	because of a health problem, do you have any difficultie
HEADA10	because of a health problem, do you have any difficultie
HEADA11	because of a health problem, do you have any difficultie
HEADB01	because of a health or memory problem, do you have any
HEADB02	because of a health or memory problem, do you have any
HEADB03	because of a health or memory problem, do you have any
HEADB04	because of a health or memory problem, do you have any
HEADB05	because of a health or memory problem, do you have any
HEADB06	because of a health or memory problem, do you have any
HEADB07	because of a health or memory problem, do you have any
HEADB08	because of a health or memory problem, do you have any
HEADB09	because of a health or memory problem, do you have any
HEADB10	because of a health or memory problem, do you have any
HEADB11	because of a health or memory problem, do you have any
HEADB12	because of a health or memory problem, do you have any
HEADB13	because of a health or memory problem, do you have any
HEADB14	because of a health or memory problem, do you have any

Wave 2 Core:

HEADA01	adl: activity has problem with due to health/physical pr
HEADA02	adl: activity has problem with due to health/physical pr
HEADA03	adl: activity has problem with due to health/physical pr
HEADA04	adl: activity has problem with due to health/physical pr
HEADA05	adl: activity has problem with due to health/physical pr
HEADA06	adl: activity has problem with due to health/physical pr
HEADA07	adl: activity has problem with due to health/physical pr
HEADA08	adl: activity has problem with due to health/physical pr
HEADA09	adl: activity has problem with due to health/physical pr
HEADA10	adl: activity has problem with due to health/physical pr
HEADB01	iadl: activity has problem with due to health/physical p
HEADB02	iadl: activity has problem with due to health/physical p
HEADB03	iadl: activity has problem with due to health/physical p
HEADB04	iadl: activity has problem with due to health/physical p
HEADB05	iadl: activity has problem with due to health/physical p
HEADB06	iadl: activity has problem with due to health/physical p
HEADB07	iadl: activity has problem with due to health/physical p
HEADB08	iadl: activity has problem with due to health/physical p
HEADB09	iadl: activity has problem with due to health/physical p
HEADB10	iadl: activity has problem with due to health/physical p
HEADB11	iadl: activity has problem with due to health/physical p
HEADB12	iadl: activity has problem with due to health/physical p
HEADB13	iadl: activity has problem with due to health/physical p
Wave 3 Core:	
HEADLBA	adl: difficulty bathing or showering
HEADLBE	adl: difficulty getting in and out of bed
HEADLDR	adl: difficulty dressing, including putting on shoes and
HEADLEA	adl: difficulty eating, such as cutting up food
HEADLWA	adl: difficulty walking across a room
HEMOBCH	mobility: difficulty getting up from chair after sitting
HEMOBCL	mobility: difficulty climbing one flight stairs without
HEMOBCS	mobility: difficulty climbing several flights stairs wit
HEMOBPI	mobility: difficulty picking up 5p coin from table
HEMOBPU	mobility: difficulty pulling or pushing large objects
HEMOBSI	mobility: difficulty sitting 2 hours
HEMOBST	mobility: difficulty stooping, kneeling or crouching
HEMOBWA	mobility: difficulty walking 100 yards
Wave 4 Core:	
HEADLBA	adl: difficulty bathing or showering
HEADLBE	adl: difficulty getting in and out of bed
HEADLDR	adl: difficulty dressing, including putting on shoes and
HEADLEA	adl: difficulty eating, such as cutting up food
HEADLWA	adl: difficulty walking across a room
HEMOBCH	mobility: difficulty getting up from chair after sitting
HEMOBCL	mobility: difficulty climbing one flight stairs without
HEMOBCS	mobility: difficulty climbing several flights stairs wit
HEMOBPI	mobility: difficulty picking up 5p coin from table
HEMOBPU	mobility: difficulty pulling or pushing large objects
HEMOBSI	mobility: difficulty sitting 2 hours
HEMOBST	mobility: difficulty stooping, kneeling or crouching
HEMOBWA	mobility: difficulty walking 100 yards
Wave 5 Core:	
HEADLBA	adl: difficulty bathing or showering
HEADLBE	adl: difficulty getting in and out of bed
HEADLDR	adl: difficulty dressing, including putting on shoes and
HEADLEA	adl: difficulty eating, such as cutting up food
HEADLWA	adl: difficulty walking across a room
HEMOBCH	mobility: difficulty getting up from chair after sitting
HEMOBCL	mobility: difficulty climbing one flight stairs without
HEMOBCS	mobility: difficulty climbing several flights stairs wit
HEMOBPI	mobility: difficulty picking up 5p coin from table
HEMOBPU	mobility: difficulty pulling or pushing large objects
HEMOBSI	mobility: difficulty sitting 2 hours

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    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
Wave 6 Core:
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEMOBCH         mobility: difficulty getting up from chair after sitting
    HEMOBCL         mobility: difficulty climbing one flight stairs without
    HEMOBCS         mobility: difficulty climbing several flights stairs wit
    HEMOBPI         mobility: difficulty picking up 5p coin from table
    HEMOBPU         mobility: difficulty pulling or pushing large objects
    HEMOBSI         mobility: difficulty sitting 2 hours
    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
Wave 7 Core:
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEMOBCH         mobility: difficulty getting up from chair after sitting
    HEMOBCL         mobility: difficulty climbing one flight stairs without
    HEMOBCS         mobility: difficulty climbing several flights stairs wit
    HEMOBPI         mobility: difficulty picking up 5p coin from table
    HEMOBPU         mobility: difficulty pulling or pushing large objects
    HEMOBSI         mobility: difficulty sitting 2 hours
    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
```

Change in Health: Conditions

Wave	Variable	Label	Type
2	R2HIBPS	r2hibps:w2 R had hi BP since last IW	Categ
3	R3HIBPS	r3hibps:w3 R had hi BP since last IW	Categ
4	R4HIBPS	r4hibps:w4 R had hi BP since last IW	Categ
5	R5HIBPS	r5hibps:w5 R had hi BP since last IW	Categ
6	R6HIBPS	r6hibps:w6 R had hi BP since last IW	Categ
7	R7HIBPS	r7hibps:w7 R had hi BP since last IW	Categ
2	S2HIBPS	s2hibps:w2 S had hi BP since last IW	Categ
3	S3HIBPS	s3hibps:w3 S had hi BP since last IW	Categ
4	S4HIBPS	s4hibps:w4 S had hi BP since last IW	Categ
5	S5HIBPS	s5hibps:w5 S had hi BP since last IW	Categ
6	S6HIBPS	s6hibps:w6 S had hi BP since last IW	Categ
7	S7HIBPS	s7hibps:w7 S had hi BP since last IW	Categ
2	R2DIABS	r2diabs:w2 R had diabetes since last IW	Categ
3	R3DIABS	r3diabs:w3 R had diabetes since last IW	Categ
4	R4DIABS	r4diabs:w4 R had diabetes since last IW	Categ
5	R5DIABS	r5diabs:w5 R had diabetes since last IW	Categ
6	R6DIABS	r6diabs:w6 R had diabetes since last IW	Categ
7	R7DIABS	r7diabs:w7 R had diabetes since last IW	Categ
2	S2DIABS	s2diabs:w2 S had diabetes since last IW	Categ
3	S3DIABS	s3diabs:w3 S had diabetes since last IW	Categ
4	S4DIABS	s4diabs:w4 S had diabetes since last IW	Categ
5	S5DIABS	s5diabs:w5 S had diabetes since last IW	Categ
6	S6DIABS	s6diabs:w6 S had diabetes since last IW	Categ
7	S7DIABS	s7diabs:w7 S had diabetes since last IW	Categ
2	R2CANCRS	r2cancrs:w2 R had cancer since last IW	Categ
3	R3CANCRS	r3cancrs:w3 R had cancer since last IW	Categ
4	R4CANCRS	r4cancrs:w4 R had cancer since last IW	Categ
5	R5CANCRS	r5cancrs:w5 R had cancer since last IW	Categ
6	R6CANCRS	r6cancrs:w6 R had cancer since last IW	Categ
7	R7CANCRS	r7cancrs:w7 R had cancer since last IW	Categ
2	S2CANCRS	s2cancrs:w2 S had cancer since last IW	Categ
3	S3CANCRS	s3cancrs:w3 S had cancer since last IW	Categ
4	S4CANCRS	s4cancrs:w4 S had cancer since last IW	Categ
5	S5CANCRS	s5cancrs:w5 S had cancer since last IW	Categ
6	S6CANCRS	s6cancrs:w6 S had cancer since last IW	Categ
7	S7CANCRS	s7cancrs:w7 S had cancer since last IW	Categ
2	R2LUNGS	r2lungs:w2 R had lung dis since last IW	Categ
3	R3LUNGS	r3lungs:w3 R had lung dis since last IW	Categ
4	R4LUNGS	r4lungs:w4 R had lung dis since last IW	Categ
5	R5LUNGS	r5lungs:w5 R had lung dis since last IW	Categ
6	R6LUNGS	r6lungs:w6 R had lung dis since last IW	Categ
7	R7LUNGS	r7lungs:w7 R had lung dis since last IW	Categ
2	S2LUNGS	s2lungs:w2 S had lung dis since last IW	Categ
3	S3LUNGS	s3lungs:w3 S had lung dis since last IW	Categ
4	S4LUNGS	s4lungs:w4 S had lung dis since last IW	Categ
5	S5LUNGS	s5lungs:w5 S had lung dis since last IW	Categ
6	S6LUNGS	s6lungs:w6 S had lung dis since last IW	Categ
7	S7LUNGS	s7lungs:w7 S had lung dis since last IW	Categ
2	R2HEARTS	r2hearts:w2 R had heart prob since last IW	Categ

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3  R3HEARTS      r3hearts:w3 R had heart prob since last IW                  Categ
4  R4HEARTS      r4hearts:w4 R had heart prob since last IW                  Categ
5  R5HEARTS      r5hearts:w5 R had heart prob since last IW                  Categ
6  R6HEARTS      r6hearts:w6 R had heart prob since last IW                  Categ
7  R7HEARTS      r7hearts:w7 R had heart prob since last IW                  Categ

2  S2HEARTS      s2hearts:w2 S had heart prob since last IW                  Categ
3  S3HEARTS      s3hearts:w3 S had heart prob since last IW                  Categ
4  S4HEARTS      s4hearts:w4 S had heart prob since last IW                  Categ
5  S5HEARTS      s5hearts:w5 S had heart prob since last IW                  Categ
6  S6HEARTS      s6hearts:w6 S had heart prob since last IW                  Categ
7  S7HEARTS      s7hearts:w7 S had heart prob since last IW                  Categ

2  R2STROKS      r2stroks:w2 R had stroke since last IW                      Categ
3  R3STROKS      r3stroks:w3 R had stroke since last IW                      Categ
4  R4STROKS      r4stroks:w4 R had stroke since last IW                      Categ
5  R5STROKS      r5stroks:w5 R had stroke since last IW                      Categ
6  R6STROKS      r6stroks:w6 R had stroke since last IW                      Categ
7  R7STROKS      r7stroks:w7 R had stroke since last IW                      Categ

2  S2STROKS      s2stroks:w2 S had stroke since last IW                      Categ
3  S3STROKS      s3stroks:w3 S had stroke since last IW                      Categ
4  S4STROKS      s4stroks:w4 S had stroke since last IW                      Categ
5  S5STROKS      s5stroks:w5 S had stroke since last IW                      Categ
6  S6STROKS      s6stroks:w6 S had stroke since last IW                      Categ
7  S7STROKS      s7stroks:w7 S had stroke since last IW                      Categ

2  R2PSYCHS      r2psychs:w2 R had psych prob since last IW                  Categ
3  R3PSYCHS      r3psychs:w3 R had psych prob since last IW                  Categ
4  R4PSYCHS      r4psychs:w4 R had psych prob since last IW                  Categ
5  R5PSYCHS      r5psychs:w5 R had psych prob since last IW                  Categ
6  R6PSYCHS      r6psychs:w6 R had psych prob since last IW                  Categ
7  R7PSYCHS      r7psychs:w7 R had psych prob since last IW                  Categ

2  S2PSYCHS      s2psychs:w2 S had psych prob since last IW                  Categ
3  S3PSYCHS      s3psychs:w3 S had psych prob since last IW                  Categ
4  S4PSYCHS      s4psychs:w4 S had psych prob since last IW                  Categ
5  S5PSYCHS      s5psychs:w5 S had psych prob since last IW                  Categ
6  S6PSYCHS      s6psychs:w6 S had psych prob since last IW                  Categ
7  S7PSYCHS      s7psychs:w7 S had psych prob since last IW                  Categ

2  R2ARTHRS      r2arthrs:w2 R had arthritis since last IW                   Categ
3  R3ARTHRS      r3arthrs:w3 R had arthritis since last IW                   Categ
4  R4ARTHRS      r4arthrs:w4 R had arthritis since last IW                   Categ
5  R5ARTHRS      r5arthrs:w5 R had arthritis since last IW                   Categ
6  R6ARTHRS      r6arthrs:w6 R had arthritis since last IW                   Categ
7  R7ARTHRS      r7arthrs:w7 R had arthritis since last IW                   Categ

2  S2ARTHRS      s2arthrs:w2 S had arthritis since last IW                   Categ
3  S3ARTHRS      s3arthrs:w3 S had arthritis since last IW                   Categ
4  S4ARTHRS      s4arthrs:w4 S had arthritis since last IW                   Categ
5  S5ARTHRS      s5arthrs:w5 S had arthritis since last IW                   Categ
6  S6ARTHRS      s6arthrs:w6 S had arthritis since last IW                   Categ
7  S7ARTHRS      s7arthrs:w7 S had arthritis since last IW                   Categ

2  R2ASTHMAS     r2asthmas:w2 R had asthma since last IW                     Categ
3  R3ASTHMAS     r3asthmas:w3 R had asthma since last IW                     Categ
4  R4ASTHMAS     r4asthmas:w4 R had asthma since last IW                     Categ
5  R5ASTHMAS     r5asthmas:w5 R had asthma since last IW                     Categ
6  R6ASTHMAS     r6asthmas:w6 R had asthma since last IW                     Categ
7  R7ASTHMAS     r7asthmas:w7 R had asthma since last IW                     Categ

2  S2ASTHMAS     s2asthmas:w2 S had asthma since last IW                     Categ
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3	S3ASTHMAS	s3asthmas:w3 S had asthma since last IW	Categ
4	S4ASTHMAS	s4asthmas:w4 S had asthma since last IW	Categ
5	S5ASTHMAS	s5asthmas:w5 S had asthma since last IW	Categ
6	S6ASTHMAS	s6asthmas:w6 S had asthma since last IW	Categ
7	S7ASTHMAS	s7asthmas:w7 S had asthma since last IW	Categ
3	R3HCHOLS	r3hchols:w3 R had high cholesterol since last IW	Categ
4	R4HCHOLS	r4hchols:w4 R had high cholesterol since last IW	Categ
5	R5HCHOLS	r5hchols:w5 R had high cholesterol since last IW	Categ
6	R6HCHOLS	r6hchols:w6 R had high cholesterol since last IW	Categ
7	R7HCHOLS	r7hchols:w7 R had high cholesterol since last IW	Categ
3	S3HCHOLS	s3hchols:w3 S had high cholesterol since last IW	Categ
4	S4HCHOLS	s4hchols:w4 S had high cholesterol since last IW	Categ
5	S5HCHOLS	s5hchols:w5 S had high cholesterol since last IW	Categ
6	S6HCHOLS	s6hchols:w6 S had high cholesterol since last IW	Categ
7	S7HCHOLS	s7hchols:w7 S had high cholesterol since last IW	Categ
2	R2CATRCTS	r2catrcts:w2 R had cataracts since last IW	Categ
3	R3CATRCTS	r3catrcts:w3 R had cataracts since last IW	Categ
4	R4CATRCTS	r4catrcts:w4 R had cataracts since last IW	Categ
5	R5CATRCTS	r5catrcts:w5 R had cataracts since last IW	Categ
6	R6CATRCTS	r6catrcts:w6 R had cataracts since last IW	Categ
7	R7CATRCTS	r7catrcts:w7 R had cataracts since last IW	Categ
2	S2CATRCTS	s2catrcts:w2 S had cataracts since last IW	Categ
3	S3CATRCTS	s3catrcts:w3 S had cataracts since last IW	Categ
4	S4CATRCTS	s4catrcts:w4 S had cataracts since last IW	Categ
5	S5CATRCTS	s5catrcts:w5 S had cataracts since last IW	Categ
6	S6CATRCTS	s6catrcts:w6 S had cataracts since last IW	Categ
7	S7CATRCTS	s7catrcts:w7 S had cataracts since last IW	Categ
2	R2PARKINS	r2catrcts:w2 R had parkinson disease since last IW	Categ
3	R3PARKINS	r3catrcts:w3 R had parkinson disease since last IW	Categ
4	R4PARKINS	r4catrcts:w4 R had parkinson disease since last IW	Categ
5	R5PARKINS	r5catrcts:w5 R had parkinson disease since last IW	Categ
6	R6PARKINS	r6catrcts:w6 R had parkinson disease since last IW	Categ
7	R7PARKINS	r7catrcts:w7 R had parkinson disease since last IW	Categ
2	S2PARKINS	s2parkins:w2 S had parkinson disease since last IW	Categ
3	S3PARKINS	s3parkins:w3 S had parkinson disease since last IW	Categ
4	S4PARKINS	s4parkins:w4 S had parkinson disease since last IW	Categ
5	S5PARKINS	s5parkins:w5 S had parkinson disease since last IW	Categ
6	S6PARKINS	s6parkins:w6 S had parkinson disease since last IW	Categ
7	S7PARKINS	s7parkins:w7 S had parkinson disease since last IW	Categ
2	R2HIPS	r2hips:w2 R had hip fracture since last IW	Categ
3	R3HIPS	r3hips:w3 R had hip fracture since last IW	Categ
4	R4HIPS	r4hips:w4 R had hip fracture since last IW	Categ
5	R5HIPS	r5hips:w5 R had hip fracture since last IW	Categ
6	R6HIPS	r6hips:w6 R had hip fracture since last IW	Categ
7	R7HIPS	r7hips:w7 R had hip fracture since last IW	Categ
2	S2HIPS	s2hips:w2 S had hip fracture since last IW	Categ
3	S3HIPS	s3hips:w3 S had hip fracture since last IW	Categ
4	S4HIPS	s4hips:w4 S had hip fracture since last IW	Categ
5	S5HIPS	s5hips:w5 S had hip fracture since last IW	Categ
6	S6HIPS	s6hips:w6 S had hip fracture since last IW	Categ
7	S7HIPS	s7hips:w7 S had hip fracture since last IW	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum

R2HIBPS	9320	0.06	0.24	0.00	1.00
R3HIBPS	8042	0.05	0.21	0.00	1.00
R4HIBPS	8362	0.04	0.20	0.00	1.00
R5HIBPS	10128	0.04	0.20	0.00	1.00
R6HIBPS	9385	0.03	0.16	0.00	1.00
R7HIBPS	9156	0.03	0.18	0.00	1.00
S2HIBPS	6067	0.06	0.23	0.00	1.00
S3HIBPS	5064	0.04	0.20	0.00	1.00
S4HIBPS	5416	0.04	0.18	0.00	1.00
S5HIBPS	6825	0.04	0.20	0.00	1.00
S6HIBPS	6328	0.03	0.16	0.00	1.00
S7HIBPS	6170	0.03	0.18	0.00	1.00
R2DIABS	9320	0.02	0.13	0.00	1.00
R3DIABS	8042	0.02	0.13	0.00	1.00
R4DIABS	8362	0.02	0.13	0.00	1.00
R5DIABS	10128	0.02	0.14	0.00	1.00
R6DIABS	9385	0.02	0.12	0.00	1.00
R7DIABS	9156	0.02	0.14	0.00	1.00
S2DIABS	6067	0.01	0.12	0.00	1.00
S3DIABS	5064	0.02	0.13	0.00	1.00
S4DIABS	5416	0.02	0.13	0.00	1.00
S5DIABS	6825	0.02	0.14	0.00	1.00
S6DIABS	6328	0.02	0.13	0.00	1.00
S7DIABS	6170	0.02	0.13	0.00	1.00
R2CANCRS	9320	0.02	0.13	0.00	1.00
R3CANCRS	8042	0.02	0.12	0.00	1.00
R4CANCRS	8362	0.01	0.12	0.00	1.00
R5CANCRS	10128	0.02	0.15	0.00	1.00
R6CANCRS	9385	0.02	0.13	0.00	1.00
R7CANCRS	9156	0.02	0.15	0.00	1.00
S2CANCRS	6066	0.02	0.14	0.00	1.00
S3CANCRS	5064	0.02	0.12	0.00	1.00
S4CANCRS	5416	0.01	0.12	0.00	1.00
S5CANCRS	6825	0.02	0.14	0.00	1.00
S6CANCRS	6328	0.02	0.13	0.00	1.00
S7CANCRS	6170	0.02	0.14	0.00	1.00
R2LUNGS	9320	0.01	0.11	0.00	1.00
R3LUNGS	8042	0.01	0.09	0.00	1.00
R4LUNGS	8362	0.01	0.10	0.00	1.00
R5LUNGS	10128	0.01	0.10	0.00	1.00
R6LUNGS	9385	0.01	0.11	0.00	1.00
R7LUNGS	9156	0.01	0.11	0.00	1.00
S2LUNGS	6066	0.01	0.10	0.00	1.00
S3LUNGS	5064	0.01	0.09	0.00	1.00
S4LUNGS	5416	0.01	0.09	0.00	1.00
S5LUNGS	6825	0.01	0.10	0.00	1.00
S6LUNGS	6328	0.01	0.09	0.00	1.00
S7LUNGS	6170	0.01	0.10	0.00	1.00
R2HEARTS	9320	0.03	0.18	0.00	1.00
R3HEARTS	8042	0.02	0.14	0.00	1.00
R4HEARTS	8362	0.03	0.18	0.00	1.00
R5HEARTS	10128	0.04	0.18	0.00	1.00
R6HEARTS	9385	0.03	0.18	0.00	1.00
R7HEARTS	9156	0.04	0.19	0.00	1.00

S2HEARTS	6067	0.03	0.17	0.00	1.00
S3HEARTS	5064	0.02	0.13	0.00	1.00
S4HEARTS	5416	0.03	0.17	0.00	1.00
S5HEARTS	6825	0.03	0.17	0.00	1.00
S6HEARTS	6328	0.03	0.17	0.00	1.00
S7HEARTS	6170	0.04	0.19	0.00	1.00
R2STROKS	9320	0.01	0.11	0.00	1.00
R3STROKS	8042	0.01	0.10	0.00	1.00
R4STROKS	8362	0.01	0.11	0.00	1.00
R5STROKS	10128	0.01	0.10	0.00	1.00
R6STROKS	9385	0.01	0.10	0.00	1.00
R7STROKS	9156	0.01	0.10	0.00	1.00
S2STROKS	6067	0.01	0.10	0.00	1.00
S3STROKS	5064	0.01	0.09	0.00	1.00
S4STROKS	5416	0.01	0.11	0.00	1.00
S5STROKS	6825	0.01	0.08	0.00	1.00
S6STROKS	6328	0.01	0.09	0.00	1.00
S7STROKS	6170	0.01	0.10	0.00	1.00
R2PSYCHS	9320	0.02	0.12	0.00	1.00
R3PSYCHS	8042	0.01	0.10	0.00	1.00
R4PSYCHS	8362	0.01	0.10	0.00	1.00
R5PSYCHS	10128	0.01	0.10	0.00	1.00
R6PSYCHS	9385	0.01	0.11	0.00	1.00
R7PSYCHS	9156	0.01	0.10	0.00	1.00
S2PSYCHS	6066	0.01	0.12	0.00	1.00
S3PSYCHS	5064	0.01	0.09	0.00	1.00
S4PSYCHS	5416	0.01	0.09	0.00	1.00
S5PSYCHS	6825	0.01	0.11	0.00	1.00
S6PSYCHS	6328	0.01	0.10	0.00	1.00
S7PSYCHS	6170	0.01	0.09	0.00	1.00
R2ARTHRS	9320	0.05	0.22	0.00	1.00
R3ARTHRS	8042	0.04	0.20	0.00	1.00
R4ARTHRS	8361	0.04	0.20	0.00	1.00
R5ARTHRS	10127	0.04	0.20	0.00	1.00
R6ARTHRS	9385	0.04	0.19	0.00	1.00
R7ARTHRS	9156	0.03	0.18	0.00	1.00
S2ARTHRS	6066	0.05	0.22	0.00	1.00
S3ARTHRS	5064	0.04	0.19	0.00	1.00
S4ARTHRS	5415	0.04	0.20	0.00	1.00
S5ARTHRS	6824	0.04	0.19	0.00	1.00
S6ARTHRS	6328	0.04	0.19	0.00	1.00
S7ARTHRS	6170	0.03	0.17	0.00	1.00
R2ASTHMAS	9320	0.01	0.11	0.00	1.00
R3ASTHMAS	8042	0.01	0.09	0.00	1.00
R4ASTHMAS	8362	0.01	0.10	0.00	1.00
R5ASTHMAS	10128	0.01	0.09	0.00	1.00
R6ASTHMAS	9385	0.01	0.07	0.00	1.00
R7ASTHMAS	9156	0.01	0.08	0.00	1.00
S2ASTHMAS	6066	0.01	0.11	0.00	1.00
S3ASTHMAS	5064	0.01	0.09	0.00	1.00
S4ASTHMAS	5416	0.01	0.09	0.00	1.00
S5ASTHMAS	6825	0.01	0.09	0.00	1.00
S6ASTHMAS	6328	0.01	0.07	0.00	1.00
S7ASTHMAS	6170	0.01	0.08	0.00	1.00

R3HCHOLS	8042	0.26	0.44	0.00	1.00
R4HCHOLS	8362	0.29	0.45	0.00	1.00
R5HCHOLS	10127	0.32	0.47	0.00	1.00
R6HCHOLS	9384	0.34	0.48	0.00	1.00
R7HCHOLS	9156	0.36	0.48	0.00	1.00
S3HCHOLS	5064	0.26	0.44	0.00	1.00
S4HCHOLS	5416	0.28	0.45	0.00	1.00
S5HCHOLS	6825	0.31	0.46	0.00	1.00
S6HCHOLS	6327	0.34	0.47	0.00	1.00
S7HCHOLS	6170	0.35	0.48	0.00	1.00
R2CATRCTS	9308	0.05	0.21	0.00	1.00
R3CATRCTS	8036	0.05	0.22	0.00	1.00
R4CATRCTS	8362	0.05	0.21	0.00	1.00
R5CATRCTS	10129	0.05	0.22	0.00	1.00
R6CATRCTS	9385	0.06	0.23	0.00	1.00
R7CATRCTS	9155	0.07	0.25	0.00	1.00
S2CATRCTS	6061	0.04	0.19	0.00	1.00
S3CATRCTS	5061	0.04	0.20	0.00	1.00
S4CATRCTS	5416	0.04	0.21	0.00	1.00
S5CATRCTS	6826	0.05	0.21	0.00	1.00
S6CATRCTS	6328	0.05	0.22	0.00	1.00
S7CATRCTS	6169	0.06	0.24	0.00	1.00
R2PARKINS	9312	0.00	0.04	0.00	1.00
R3PARKINS	8041	0.00	0.05	0.00	1.00
R4PARKINS	8362	0.00	0.04	0.00	1.00
R5PARKINS	10128	0.00	0.04	0.00	1.00
R6PARKINS	9385	0.00	0.04	0.00	1.00
R7PARKINS	9156	0.00	0.05	0.00	1.00
S2PARKINS	6059	0.00	0.04	0.00	1.00
S3PARKINS	5064	0.00	0.05	0.00	1.00
S4PARKINS	5416	0.00	0.05	0.00	1.00
S5PARKINS	6825	0.00	0.04	0.00	1.00
S6PARKINS	6328	0.00	0.05	0.00	1.00
S7PARKINS	6170	0.00	0.05	0.00	1.00
R2HIPS	5247	0.01	0.08	0.00	1.00
R3HIPS	5218	0.01	0.08	0.00	1.00
R4HIPS	5154	0.01	0.09	0.00	1.00
R5HIPS	6707	0.01	0.08	0.00	1.00
R6HIPS	6949	0.01	0.08	0.00	1.00
R7HIPS	6826	0.01	0.09	0.00	1.00
S2HIPS	3011	0.00	0.07	0.00	1.00
S3HIPS	2920	0.00	0.06	0.00	1.00
S4HIPS	2919	0.00	0.07	0.00	1.00
S5HIPS	4062	0.01	0.07	0.00	1.00
S6HIPS	4297	0.00	0.06	0.00	1.00
S7HIPS	4233	0.01	0.07	0.00	1.00

Categorical Variable Codes

Value	R2HIBPS	R3HIBPS	R4HIBPS	R5HIBPS	R6HIBPS	R7HIBPS
.c:no prev IW	107	1728	2680	140	1214	509
.d:DK	4		4	4		
.m:Missing	1	1				
.r:Refuse			4	2	2	1
0.no	8750	7677	8027	9694	9133	8842

1.yes	570	365	335	434	252	314
Value	S2HIBPS	S3HIBPS	S4HIBPS	S5HIBPS	S6HIBPS	S7HIBPS
.c:no prev IW	107	1321	1979	134	913	389
.d:DK	3		3	3		
.m:Missing	1	1				
.r:Refuse			4	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	5719	4848	5225	6536	6169	5971
1.yes	348	216	191	289	159	199
Value	R2DIABS	R3DIABS	R4DIABS	R5DIABS	R6DIABS	R7DIABS
.c:no prev IW	107	1728	2680	140	1214	509
.d:DK	4		4	4		
.m:Missing	1	1				
.r:Refuse			4	2	2	1
0.no	9171	7902	8215	9924	9238	8972
1.yes	149	140	147	204	147	184
Value	S2DIABS	S3DIABS	S4DIABS	S5DIABS	S6DIABS	S7DIABS
.c:no prev IW	107	1321	1979	134	913	389
.d:DK	3		3	3		
.m:Missing	1	1				
.r:Refuse			4	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	5982	4977	5326	6695	6227	6057
1.yes	85	87	90	130	101	113
Value	R2CANCRS	R3CANCRS	R4CANCRS	R5CANCRS	R6CANCRS	R7CANCRS
.c:no prev IW	107	1728	2681	140	1214	509
.d:DK	4		4	4		
.r:Refuse	1	1	3	2	2	1
0.no	9151	7919	8238	9900	9220	8959
1.yes	169	123	124	228	165	197
Value	S2CANCRS	S3CANCRS	S4CANCRS	S5CANCRS	S6CANCRS	S7CANCRS
.c:no prev IW	107	1321	1980	134	913	389
.d:DK	4		3	3		
.r:Refuse	1	1	3	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	5947	4986	5341	6683	6215	6043
1.yes	119	78	75	142	113	127
Value	R2LUNGS	R3LUNGS	R4LUNGS	R5LUNGS	R6LUNGS	R7LUNGS
.c:no prev IW	107	1728	2681	140	1214	509
.d:DK	4		4	4		
.r:Refuse	1	1	3	2	2	1
0.no	9200	7969	8273	10016	9279	9047
1.yes	120	73	89	112	106	109
Value	S2LUNGS	S3LUNGS	S4LUNGS	S5LUNGS	S6LUNGS	S7LUNGS
.c:no prev IW	107	1321	1980	134	913	389
.d:DK	4		3	3		
.r:Refuse	1	1	3	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	6000	5021	5367	6756	6273	6107
1.yes	66	43	49	69	55	63
Value	R2HEARTS	R3HEARTS	R4HEARTS	R5HEARTS	R6HEARTS	R7HEARTS
.c:no prev IW	107	1728	2680	140	1214	509
.d:DK	4		4	4		
.m:Missing	1	1				
.r:Refuse			4	2	2	1
0.no	9019	7871	8088	9769	9077	8802
1.yes	301	171	274	359	308	354
Value	S2HEARTS	S3HEARTS	S4HEARTS	S5HEARTS	S6HEARTS	S7HEARTS

.c:no prev IW	107	1321	1979	134	913	389
.d:DK	3		3	3		
.m:Missing	1	1				
.r:Refuse			4	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	5891	4971	5261	6615	6141	5931
1.yes	176	93	155	210	187	239

Value	R2STROKS	R3STROKS	R4STROKS	R5STROKS	R6STROKS	R7STROKS
.c:no prev IW	107	1728	2680	140	1214	509
.d:DK	4		4	4		
.m:Missing	1	1				
.r:Refuse			4	2	2	1
0.no	9206	7953	8263	10035	9282	9057
1.yes	114	89	99	93	103	99

Value	S2STROKS	S3STROKS	S4STROKS	S5STROKS	S6STROKS	S7STROKS
.c:no prev IW	107	1321	1979	134	913	389
.d:DK	3		3	3		
.m:Missing	1	1				
.r:Refuse			4	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	6004	5025	5354	6778	6281	6111
1.yes	63	39	62	47	47	59

Value	R2PSYCHS	R3PSYCHS	R4PSYCHS	R5PSYCHS	R6PSYCHS	R7PSYCHS
.c:no prev IW	107	1728	2681	140	1214	509
.d:DK	4		4	4		
.r:Refuse	1	1	3	2	2	1
0.no	9177	7966	8277	10016	9278	9068
1.yes	143	76	85	112	107	88

Value	S2PSYCHS	S3PSYCHS	S4PSYCHS	S5PSYCHS	S6PSYCHS	S7PSYCHS
.c:no prev IW	107	1321	1980	134	913	389
.d:DK	4		3	3		
.r:Refuse	1	1	3	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	5979	5018	5368	6745	6263	6117
1.yes	87	46	48	80	65	53

Value	R2ARTHRS	R3ARTHRS	R4ARTHRS	R5ARTHRS	R6ARTHRS	R7ARTHRS
.c:no prev IW	107	1728	2681	140	1214	509
.d:DK	4		4	4		
.m:Missing			1	1		
.r:Refuse	1	1	3	2	2	1
0.no	8834	7723	8009	9725	9031	8864
1.yes	486	319	352	402	354	292

Value	S2ARTHRS	S3ARTHRS	S4ARTHRS	S5ARTHRS	S6ARTHRS	S7ARTHRS
.c:no prev IW	107	1321	1980	134	913	389
.d:DK	4		3	3		
.m:Missing			1	1		
.r:Refuse	1	1	3	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	5753	4868	5196	6567	6091	5975
1.yes	313	196	219	257	237	195

Value	R2ASTHMAS	R3ASTHMAS	R4ASTHMAS	R5ASTHMAS	R6ASTHMAS	R7ASTHMAS
.c:no prev IW	107	1728	2681	140	1214	509
.d:DK	4		4	4		
.r:Refuse	1	1	3	2	2	1
0.no	9205	7981	8280	10049	9334	9096
1.yes	115	61	82	79	51	60

Value	S2ASTHMAS	S3ASTHMAS	S4ASTHMAS	S5ASTHMAS	S6ASTHMAS	S7ASTHMAS
.c:no prev IW	107	1321	1980	134	913	389
.d:DK	4		3	3		

.r:Refuse	1	1	3	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	5997	5023	5369	6772	6295	6133
1.yes	69	41	47	53	33	37

Value		R3HCHOLS	R4HCHOLS	R5HCHOLS	R6HCHOLS	R7HCHOLS
.c:no prev IW		1728	2680	140	1214	509
.d:DK			4	4		
.r:Refuse		1	4	3	3	1
0.no		5969	5949	6906	6148	5876
1.yes		2073	2413	3221	3236	3280

Value		S3HCHOLS	S4HCHOLS	S5HCHOLS	S6HCHOLS	S7HCHOLS
.c:no prev IW		1321	1979	134	913	389
.d:DK			3	3		
.r:Refuse		1	4	2	2	1
.u:Unmar		2708	2932	2742	2802	2548
.v:SP NR		677	716	568	557	558
0.no		3749	3883	4693	4174	4028
1.yes		1315	1533	2132	2153	2142

Value	R2CATRCTS	R3CATRCTS	R4CATRCTS	R5CATRCTS	R6CATRCTS	R7CATRCTS
.c:no prev IW	107	1728	2680	140	1212	509
.d:DK	16	6	4	3	2	1
.r:Refuse	1	1	4	2	2	1
0.no	8879	7638	7961	9604	8840	8541
1.yes	429	398	401	525	545	614

Value	S2CATRCTS	S3CATRCTS	S4CATRCTS	S5CATRCTS	S6CATRCTS	S7CATRCTS
.c:no prev IW	107	1321	1980	134	912	389
.d:DK	9	3	2	2	1	1
.r:Refuse	1	1	4	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	5845	4856	5177	6512	5990	5774
1.yes	216	205	239	314	338	395

Value	R2PARKINS	R3PARKINS	R4PARKINS	R5PARKINS	R6PARKINS	R7PARKINS
.c:no prev IW	107	1728	2681	140	1214	509
.d:DK	4		4	4		
.m:Missing	8	1				
.r:Refuse	1	1	3	2	2	1
0.no	9296	8019	8346	10111	9368	9130
1.yes	16	22	16	17	17	26

Value	S2PARKINS	S3PARKINS	S4PARKINS	S5PARKINS	S6PARKINS	S7PARKINS
.c:no prev IW	107	1321	1980	134	913	389
.d:DK	4		3	3		
.m:Missing	7					
.r:Refuse	1	1	3	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	6049	5052	5402	6813	6313	6155
1.yes	10	12	14	12	15	15

Value	R2HIPS	R3HIPS	R4HIPS	R5HIPS	R6HIPS	R7HIPS
.a:age less than 60	4915	5803	6452	5704	5939	5632
.c:no prev IW	29	95	1443	73	101	41
.d:DK	5	2	3	7	7	2
.m:Missing	110	61	12	3	3	
.r:Refuse	151	7	2	10	3	8
0.no	5215	5185	5112	6663	6899	6775
1.yes	32	33	42	44	50	51

Value	S2HIPS	S3HIPS	S4HIPS	S5HIPS	S6HIPS	S7HIPS
.a:age less than 60	2950	3331	3416	2817	2835	2280
.c:no prev IW	29	91	1055	68	100	39
.d:DK	2		3	7	5	2
.m:Missing	79	39	8	1	2	
.r:Refuse	107	5	1	9	3	6

.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	2998	2909	2906	4041	4280	4210
1.yes	13	11	13	21	17	23

How Constructed

RwHIBPS, RwDIABS, RwCANCRS, RwLUNGS, RwHEARTS, RwSTROKS, RwPSYCHS, RwARTHRS, RwASTHMAS, RwHCHOLS, RwCATRCTS, RwPARKINS, and RwHIPS indicate if the respondent has reported the onset of a condition since the last interview to which he/she responded. They are set to yes, and coded as 1, only if the condition is new since last interview, that is, the respondent reported not having the condition at the last interview but says he/she has it now. Don't know, refused, or other missing values of RwHIBPS, RwDIABS, RwCANCRS, RwLUNGS, RwHEARTS, RwSTROKS, RwPSYCHS, RwARTHRS, RwASTHMAS, RwHCHOLS, RwCATRCTS, RwPARKINS, and RwHIPS are assigned special missing codes .d, .r, .m, respectively. A special missing value .c is used when there is no previous report of the condition so there cannot be a change. A special missing value .a is used when the respondent is younger than age 60 in the present wave or in the most recent responding wave, and so was not asked about breaking their hip. RwHIBPS, RwDIABS, RwCANCRS, RwLUNGS, RwHEARTS, RwSTROKS, RwPSYCHS, RwARTHRS, RwASTHMAS, RwHCHOLS, RwCATRCTS, RwPARKINS, and RwHIPS are set to plain missing (.) for respondents who did not respond to the current wave.

SwHIBPS, SwDIABS, SwCANCRS, SwLUNGS, SwHEARTS, SwSTROKS, SwPSYCHS, SwARTHRS, SwASTHMAS, SwHCHOLS, SwCATRCTS, SwPARKINS, and SwHIPS indicate if the respondent's spouse reported the onset of a condition since the last interview and are taken directly from the spouse's responses to RwHIBPS, RwDIABS, RwCANCRS, RwLUNGS, RwHEARTS, RwSTROKS, RwPSYCHS, RwARTHRS, RwASTHMAS, RwHCHOLS, RwCATRCTS, RwPARKINS, and RwHIPS, respectively. In addition to the special missing codes used in RwHIBPS, RwDIABS, RwCANCRS, RwLUNGS, RwHEARTS, RwSTROKS, RwPSYCHS, RwARTHRS, RwASTHMAS, RwHCHOLS, RwCATRCTS, RwPARKINS, and RwHIPS, SwHIBPS, SwDIABS, SwCANCRS, SwLUNGS, SwHEARTS, SwSTROKS, SwPSYCHS, SwARTHRS, SwASTHMAS, SwHCHOLS, SwCATRCTS, SwPARKINS, and SwHIPS employ two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Please see the section on "Doctor-diagnosed Conditions" earlier in this codebook for a description of related "ever had" variables.

Cross Wave Differences in ELSA

High cholesterol is only asked starting in wave 2, so RwHCHOLS is only available starting in wave 3.

Differences with the RAND HRS

Unlike the HRS, ELSA surveys angina, a heart attack (including myocardial infarction or coronary thrombosis), congestive heart failure, a heart murmur, an abnormal heart rhythm, or any other heart trouble separately, so RwHEARTS refers to whether the respondent reported any of these conditions. Unlike the HRS, ELSA surveys respondents as to whether they have ever been diagnosed with asthma.

ELSA Variables Used

Wave 1 Core:

HEDIB01	has a doctor ever told you that you [have/have had] any
HEDIB02	has a doctor ever told you that you [have/have had] any
HEDIB03	has a doctor ever told you that you [have/have had] any
HEDIB04	has a doctor ever told you that you [have/have had] any
HEDIB05	has a doctor ever told you that you [have/have had] any
HEDIB06	has a doctor ever told you that you [have/have had] any
HEDIB07	has a doctor ever told you that you [have/have had] any
HEDIB08	has a doctor ever told you that you [have/have had] any
HEDIB09	has a doctor ever told you that you [have/have had] any
HEDIB10	has a doctor ever told you that you [have/have had] any
HEDIM01	merged - has a doctor ever told you that you [have/have
HEDIM02	merged - has a doctor ever told you that you [have/have
HEDIM03	merged - has a doctor ever told you that you [have/have
HEDIM04	merged - has a doctor ever told you that you [have/have

HEDIM05	merged - has a doctor ever told you that you [have/have
HEDIM06	merged - has a doctor ever told you that you [have/have
HEDIM07	merged - has a doctor ever told you that you [have/have
HEFRAC	have you ever fractured your hip?
HEOPT1	has a doctor or optician ever told you that [have/have h
HEOPT2	has a doctor or optician ever told you that [have/have h
HEOPT3	has a doctor or optician ever told you that [have/have h
HEOPT4	has a doctor or optician ever told you that [have/have h
HEOPT5	has a doctor or optician ever told you that [have/have h

Wave 2 Core:

BHEOPT1	diagnosed eye condition reported at wave 1 (1st mention)
BHEOPT2	diagnosed eye condition reported at wave 1 (2nd mention)
BHEOPT3	diagnosed eye condition reported at wave 1 (3rd mention)
BHEOPT4	diagnosed eye condition reported at wave 1 (4th mention)
HEDIA01	diagnosed cardiovascular condition newly reported at w2
HEDIA02	diagnosed cardiovascular condition newly reported at w2
HEDIA03	diagnosed cardiovascular condition newly reported at w2
HEDIA04	diagnosed cardiovascular condition newly reported at w2
HEDIA05	diagnosed cardiovascular condition newly reported at w2
HEDIA06	diagnosed cardiovascular condition newly reported at w2
HEDIA07	diagnosed cardiovascular condition newly reported at w2
HEDIA08	diagnosed cardiovascular condition newly reported at w2
HEDIA09	diagnosed cardiovascular condition newly reported at w2
HEDIAC1	whether confirms high blood pressure recorded in wave 1
HEDIAC2	whether confirms angina recorded in wave 1
HEDIAC3	whether confirms heart attack recorded in wave 1
HEDIAC4	whether confirms congestive heart failure recorded in wa
HEDIAC5	whether confirms heart murmur recorded in wave 1
HEDIAC6	whether confirms abnormal heart rhythm recorded in wave
HEDIAC7	whether confirms diabetes recorded in wave 1
HEDIAC8	whether confirms stroke recorded in wave 1
HEDIAC9	whether confirms other heart problem recorded in wave 1
HEDIAD1	whether confirms chronic lung disease recorded in wave 1
HEDIAD2	whether confirms asthma recorded in wave 1
HEDIAD3	whether confirms arthritis recorded in wave 1
HEDIAD5	whether confirms cancer recorded in wave 1
HEDIAD6	whether confirms parkinsons disease recorded in wave 1
HEDIAD7	whether confirms psychiatric problems recorded in wave 1
HEDIB01	diagnosed chronic condition newly reported at w2 (1st me
HEDIB02	diagnosed chronic condition newly reported at w2 (2nd me
HEDIB03	diagnosed chronic condition newly reported at w2 (3rd me
HEDIB04	diagnosed chronic condition newly reported at w2 (4th me
HEDIM01	diagnosed cardiovascular condit. newly reported at w2 (1
HEDIM02	diagnosed cardiovascular condit. newly reported at w2 (2
HEDIM03	diagnosed cardiovascular condit. newly reported at w2 (3
HEDIM04	diagnosed cardiovascular condit. newly reported at w2 (4
HEDIM05	diagnosed cardiovascular condit. newly reported at w2 (5
HEDIM06	diagnosed cardiovascular condit. newly reported at w2 (6
HEDIM07	diagnosed cardiovascular condit. newly reported at w2 (7
HEDIM08	diagnosed cardiovascular condit. newly reported at w2 (8
HEFRAC	whether fractured hip
HEOPC	whether confirms diagnosed eye condition recorded in wav
HEOPT1	diagnosed eye condition newly reported at w2 (1st mentio
HEOPT2	diagnosed eye condition newly reported at w2 (2nd mentio

Wave 3 Core:

HEDACAN	whether confirms angina diagnosis
HEDACAR	whether confirms abnormal heart rhythm diagnosis
HEDACBP	whether confirms high blood pressure diagnosis
HEDACCH	whether confirms high cholesterol diagnosis
HEDACDI	whether confirms diabetes or high blood sugar diagnosis
HEDACHF	whether confirms congestive heart failure diagnosis
HEDACHM	whether confirms heart murmur diagnosis
HEDACMI	whether confirms heart attack diagnosis

HEDACOT	whether confirms other heart disease diagnosis
HEDACST	whether confirms stroke diagnosis
HEDBDAR	whether confirms arthritis diagnosis
HEDBDAS	whether confirms asthma diagnosis
HEDBDCA	whether confirms cancer diagnosis
HEDBDLU	whether confirms lung disease diagnosis
HEDBDPD	whether confirms parkinsons disease diagnosis
HEDBDPS	whether confirms psychiatric condition diagnosis
HEDIBAR	(d) ever reported arthritis (diagnosed)
HEDIBAS	(d) ever reported asthma (diagnosed)
HEDIBCA	(d) ever reported cancer (diagnosed)
HEDIBLU	(d) ever reported hedibonic lung disease (diagnosed)
HEDIBPD	(d) ever reported parkinson's disease (diagnosed)
HEDIBPS	(d) ever reported psychiatric disease (diagnosed)
HEDIM85	cvd:heart disease diagnosis newly reported does not fit
HEDIMAN	(d) ever reported angina (diagnosed)
HEDIMAR	(d) ever reported arrhythmia (diagnosed)
HEDIMBP	(d) ever reported high blood pressure (diagnosed)
HEDIMCH	(d) ever reported high cholesterol
HEDIMDI	(d) ever reported diabetes or high blood sugar (diagnose
HEDIMHF	(d) ever reported congestive heart failure (diagnosed)
HEDIMHM	(d) ever reported heart murmur (diagnosed)
HEDIMMI	(d) ever reported myocardial infarction (diagnosed)
HEDIMST	(d) ever reported stroke
HEFRAC	whether fractured hip
HEOPCCA	whether confirms cataract diagnosis
HEOPTCA	(d) ever reported cataract (diagnosed)

Wave 4 Core:

HEDACAN	whether confirms angina diagnosis
HEDACAR	whether confirms abnormal heart rhythm diagnosis
HEDACBP	whether confirms high blood pressure diagnosis
HEDACCH	whether confirms high cholesterol diagnosis
HEDACDI	whether confirms diabetes or high blood sugar diagnosis
HEDACHF	whether confirms congestive heart failure diagnosis
HEDACHM	whether confirms heart murmur diagnosis
HEDACMI	whether confirms heart attack diagnosis
HEDACOT	whether confirms other heart disease diagnosis
HEDACST	whether confirms stroke diagnosis
HEDBDAR	whether confirms arthritis diagnosis
HEDBDAS	whether confirms asthma diagnosis
HEDBDCA	whether confirms cancer diagnosis
HEDBDLU	whether confirms lung disease diagnosis
HEDBDPD	whether confirms parkinsons disease diagnosis
HEDBDPS	whether confirms psychiatric condition diagnosis
HEDIBAR	chronic: arthritis diagnosis newly reported
HEDIBAS	chronic: asthma diagnosis newly reported
HEDIBCA	chronic: cancer diagnosis newly reported
HEDIBLU	chronic: lung disease diagnosis newly reported
HEDIBPD	chronic: parkinsons disease diagnosis newly reported
HEDIBPS	chronic: psychiatric condition newly reported
HEDIM85	cvd:heart disease diagnosis newly reported does not fit
HEDIMAN	cvd: angina diagnosis newly reported (merged)
HEDIMAR	cvd: abnormal heart rhythm diagnosis newly reported (mer
HEDIMBP	cvd: high blood pressure diagnosis newly reported (merge
HEDIMCH	cvd: high cholesterol diagnosis newly reported (merged)
HEDIMDI	cvd: diabetes or high blood sugar diagnosis newly report
HEDIMHF	cvd: congestive heart failure diagnosis newly reported (
HEDIMHM	cvd: heart murmur diagnosis newly reported (merged)
HEDIMMI	cvd: heart attack diagnosis newly reported (merged)
HEDIMST	cvd: stroke diagnosis newly reported (merged)
HEFRAC	whether fractured hip in last two years
HEOPCCA	whether confirms cataract diagnosis
HEOPTCA	eye: cataract diagnosis newly reported

Wave 5 Core:

HEDACAN	whether confirms angina diagnosis
HEDACAR	whether confirms abnormal heart rhythm diagnosis
HEDACBP	whether confirms high blood pressure diagnosis
HEDACCH	whether confirms high cholesterol diagnosis
HEDACDI	whether confirms diabetes or high blood sugar diagnosis
HEDACHF	whether confirms congestive heart failure diagnosis
HEDACHM	whether confirms heart murmur diagnosis
HEDACMI	whether confirms heart attack diagnosis
HEDACOT	whether confirms other heart disease diagnosis
HEDACST	whether confirms stroke diagnosis
HEDBDAR	whether confirms arthritis diagnosis
HEDBDAS	whether confirms asthma diagnosis
HEDBDCA	whether confirms cancer diagnosis
HEDBDLU	whether confirms lung disease diagnosis
HEDBDPD	whether confirms parkinsons disease diagnosis
HEDBDPS	whether confirms psychiatric condition diagnosis
HEDIBAR	chronic: arthritis diagnosis newly reported
HEDIBAS	chronic: asthma diagnosis newly reported
HEDIBCA	chronic: cancer diagnosis newly reported
HEDIBLU	chronic: lung disease diagnosis newly reported
HEDIBPD	chronic: parkinsons disease diagnosis newly reported
HEDIBPS	chronic: psychiatric condition newly reported
HEDIM85	cvd:heart disease diagnosis newly reported does not fit
HEDIMAN	cvd: angina diagnosis newly reported (merged)
HEDIMAR	cvd: abnormal heart rhythm diagnosis newly reported (mer
HEDIMBP	cvd: high blood pressure diagnosis newly reported (merge
HEDIMCH	cvd: high cholesterol diagnosis newly reported (merged)
HEDIMDI	cvd: diabetes or high blood sugar diagnosis newly report
HEDIMHF	cvd: congestive heart failure diagnosis newly reported (
HEDIMHM	cvd: heart murmur diagnosis newly reported (merged)
HEDIMMI	cvd: heart attack diagnosis newly reported (merged)
HEDIMST	cvd: stroke diagnosis newly reported (merged)
HEFRAC	whether fractured hip
HEOPCCA	whether confirms cataract diagnosis
HEOPTCA	eye: cataract diagnosis newly reported

Wave 6 Core:

HEDACAN	whether confirms angina diagnosis
HEDACAR	whether confirms abnormal heart rhythm diagnosis
HEDACBP	whether confirms high blood pressure diagnosis
HEDACCH	whether confirms high cholesterol diagnosis
HEDACDI	whether confirms diabetes or high blood sugar diagnosis
HEDACHF	whether confirms congestive heart failure diagnosis
HEDACHM	whether confirms heart murmur diagnosis
HEDACMI	whether confirms heart attack diagnosis
HEDACOT	whether confirms other heart disease diagnosis
HEDACST	whether confirms stroke diagnosis
HEDBDAR	whether confirms arthritis diagnosis
HEDBDAS	whether confirms asthma diagnosis
HEDBDCA	whether confirms cancer diagnosis
HEDBDLU	whether confirms lung disease diagnosis
HEDBDPD	whether confirms parkinsons disease diagnosis
HEDBDPS	whether confirms psychiatric condition diagnosis
HEDIBAR	chronic: arthritis diagnosis newly reported
HEDIBAS	chronic: asthma diagnosis newly reported
HEDIBCA	chronic: cancer diagnosis newly reported
HEDIBLU	chronic: lung disease diagnosis newly reported
HEDIBPD	chronic: parkinsons disease diagnosis newly reported
HEDIBPS	chronic: psychiatric condition newly reported
HEDIM85	cvd:heart disease diagnosis newly reported does not fit
HEDIMAN	cvd: angina diagnosis newly reported (merged)
HEDIMAR	cvd: abnormal heart rhythm diagnosis newly reported (mer
HEDIMBP	cvd: high blood pressure diagnosis newly reported (merge

HEDIMCH	cvd: high cholesterol diagnosis newly reported (merged)
HEDIMDI	cvd: diabetes or high blood sugar diagnosis newly report
HEDIMHF	cvd: congestive heart failure diagnosis newly reported (
HEDIMHM	cvd: heart murmur diagnosis newly reported (merged)
HEDIMMI	cvd: heart attack diagnosis newly reported (merged)
HEDIMST	cvd: stroke diagnosis newly reported (merged)
HEFRAC	whether fractured hip
HEOPCCA	whether confirms cataract diagnosis
HEOPTCA	eye: cataract diagnosis newly reported

Wave 7 Core:

HEDACAN	whether confirms angina diagnosis
HEDACAR	whether confirms abnormal heart rhythm diagnosis
HEDACBP	whether confirms high blood pressure diagnosis
HEDACCH	whether confirms high cholesterol diagnosis
HEDACDI	whether confirms diabetes or high blood sugar diagnosis
HEDACHF	whether confirms congestive heart failure diagnosis
HEDACHM	whether confirms heart murmur diagnosis
HEDACMI	whether confirms heart attack diagnosis
HEDACOT	whether confirms other heart disease diagnosis
HEDACST	whether confirms stroke diagnosis
HEDBDAR	whether confirms arthritis diagnosis
HEDBDAS	whether confirms asthma diagnosis
HEDBDCA	whether confirms cancer diagnosis
HEDBDLU	whether confirms lung disease diagnosis
HEDBDPD	whether confirms parkinsons disease diagnosis
HEDBDPS	whether confirms psychiatric condition diagnosis
HEDIBAR	chronic: arthritis diagnosis newly reported
HEDIBAS	chronic: asthma diagnosis newly reported
HEDIBCA	chronic: cancer diagnosis newly reported
HEDIBLU	chronic: lung disease diagnosis newly reported
HEDIBPD	chronic: parkinsons disease diagnosis newly reported
HEDIBPS	chronic: psychiatric condition newly reported
HEDIM85	cvd:heart disease diagnosis newly reported does not fit
HEDIMAN	cvd: angina diagnosis newly reported (merged)
HEDIMAR	cvd: abnormal heart rhythm diagnosis newly reported (mer
HEDIMBP	cvd: high blood pressure diagnosis newly reported (merge
HEDIMCH	cvd: high cholesterol diagnosis newly reported (merged)
HEDIMDI	cvd: diabetes or high blood sugar diagnosis newly report
HEDIMHF	cvd: congestive heart failure diagnosis newly reported (
HEDIMHM	cvd: heart murmur diagnosis newly reported (merged)
HEDIMMI	cvd: heart attack diagnosis newly reported (merged)
HEDIMST	cvd: stroke diagnosis newly reported (merged)
HEFRAC	whether fractured hip
HEOPCCA	whether confirms cataract diagnosis
HEOPTCA	eye: cataract diagnosis newly reported

Change in Health: Memory-Related Disease

Wave	Variable	Label	Type
2	R2ALZHS	r2alzhs:w2 R had alzheimer's since last IW	Categ
3	R3ALZHS	r3alzhs:w3 R had alzheimer's since last IW	Categ
4	R4ALZHS	r4alzhs:w4 R had alzheimer's since last IW	Categ
5	R5ALZHS	r5alzhs:w5 R had alzheimer's since last IW	Categ
6	R6ALZHS	r6alzhs:w6 R had alzheimer's since last IW	Categ
7	R7ALZHS	r7alzhs:w7 R had alzheimer's since last IW	Categ
2	S2ALZHS	s2alzhs:w2 S had alzheimer's since last IW	Categ
3	S3ALZHS	s3alzhs:w3 S had alzheimer's since last IW	Categ
4	S4ALZHS	s4alzhs:w4 S had alzheimer's since last IW	Categ
5	S5ALZHS	s5alzhs:w5 S had alzheimer's since last IW	Categ
6	S6ALZHS	s6alzhs:w6 S had alzheimer's since last IW	Categ
7	S7ALZHS	s7alzhs:w7 S had alzheimer's since last IW	Categ
2	R2DEMENS	r2demens:w2 R had dementia since last IW	Categ
3	R3DEMENS	r3demens:w3 R had dementia since last IW	Categ
4	R4DEMENS	r4demens:w4 R had dementia since last IW	Categ
5	R5DEMENS	r5demens:w5 R had dementia since last IW	Categ
6	R6DEMENS	r6demens:w6 R had dementia since last IW	Categ
7	R7DEMENS	r7demens:w7 R had dementia since last IW	Categ
2	S2DEMENS	s2demens:w2 S had dementia since last IW	Categ
3	S3DEMENS	s3demens:w3 S had dementia since last IW	Categ
4	S4DEMENS	s4demens:w4 S had dementia since last IW	Categ
5	S5DEMENS	s5demens:w5 S had dementia since last IW	Categ
6	S6DEMENS	s6demens:w6 S had dementia since last IW	Categ
7	S7DEMENS	s7demens:w7 S had dementia since last IW	Categ
2	R2MEMRYS	r2memrys:w2 R had memory prob since last IW	Categ
3	R3MEMRYS	r3memrys:w3 R had memory prob since last IW	Categ
4	R4MEMRYS	r4memrys:w4 R had memory prob since last IW	Categ
5	R5MEMRYS	r5memrys:w5 R had memory prob since last IW	Categ
6	R6MEMRYS	r6memrys:w6 R had memory prob since last IW	Categ
7	R7MEMRYS	r7memrys:w7 R had memory prob since last IW	Categ
2	S2MEMRYS	s2memrys:w2 S had memory prob since last IW	Categ
3	S3MEMRYS	s3memrys:w3 S had memory prob since last IW	Categ
4	S4MEMRYS	s4memrys:w4 S had memory prob since last IW	Categ
5	S5MEMRYS	s5memrys:w5 S had memory prob since last IW	Categ
6	S6MEMRYS	s6memrys:w6 S had memory prob since last IW	Categ
7	S7MEMRYS	s7memrys:w7 S had memory prob since last IW	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R2ALZHS	9320	0.00	0.03	0.00	1.00
R3ALZHS	8042	0.00	0.05	0.00	1.00
R4ALZHS	8362	0.00	0.05	0.00	1.00
R5ALZHS	10128	0.00	0.06	0.00	1.00
R6ALZHS	9385	0.00	0.06	0.00	1.00
R7ALZHS	9156	0.00	0.05	0.00	1.00
S2ALZHS	6066	0.00	0.03	0.00	1.00
S3ALZHS	5064	0.00	0.04	0.00	1.00
S4ALZHS	5416	0.00	0.04	0.00	1.00
S5ALZHS	6825	0.00	0.04	0.00	1.00

S6ALZHS	6328	0.00	0.05	0.00	1.00
S7ALZHS	6170	0.00	0.04	0.00	1.00
R2DEMENS	9320	0.00	0.07	0.00	1.00
R3DEMENS	8042	0.01	0.08	0.00	1.00
R4DEMENS	8362	0.01	0.09	0.00	1.00
R5DEMENS	10128	0.01	0.09	0.00	1.00
R6DEMENS	9385	0.01	0.09	0.00	1.00
R7DEMENS	9156	0.01	0.09	0.00	1.00
S2DEMENS	6066	0.00	0.06	0.00	1.00
S3DEMENS	5064	0.00	0.07	0.00	1.00
S4DEMENS	5416	0.00	0.07	0.00	1.00
S5DEMENS	6825	0.00	0.07	0.00	1.00
S6DEMENS	6328	0.01	0.07	0.00	1.00
S7DEMENS	6170	0.01	0.07	0.00	1.00
R2MEMRYS	9320	0.01	0.07	0.00	1.00
R3MEMRYS	8042	0.01	0.09	0.00	1.00
R4MEMRYS	8362	0.01	0.09	0.00	1.00
R5MEMRYS	10128	0.01	0.09	0.00	1.00
R6MEMRYS	9385	0.01	0.10	0.00	1.00
R7MEMRYS	9156	0.01	0.10	0.00	1.00
S2MEMRYS	6066	0.00	0.07	0.00	1.00
S3MEMRYS	5064	0.01	0.07	0.00	1.00
S4MEMRYS	5416	0.00	0.07	0.00	1.00
S5MEMRYS	6825	0.01	0.08	0.00	1.00
S6MEMRYS	6328	0.01	0.08	0.00	1.00
S7MEMRYS	6170	0.01	0.07	0.00	1.00

Categorical Variable Codes

Value	R2ALZHS	R3ALZHS	R4ALZHS	R5ALZHS	R6ALZHS	R7ALZHS
.c:no prev IW	107	1728	2681	140	1214	509
.d:DK	4		4	4		
.r:Refuse	1	1	3	2	2	1
0.no	9310	8021	8341	10094	9354	9132
1.yes	10	21	21	34	31	24

Value	S2ALZHS	S3ALZHS	S4ALZHS	S5ALZHS	S6ALZHS	S7ALZHS
.c:no prev IW	107	1321	1980	134	913	389
.d:DK	4		3	3		
.r:Refuse	1	1	3	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	6060	5054	5409	6812	6314	6159
1.yes	6	10	7	13	14	11

Value	R2DEMENS	R3DEMENS	R4DEMENS	R5DEMENS	R6DEMENS	R7DEMENS
.c:no prev IW	107	1728	2681	140	1214	509
.d:DK	4		4	4		
.r:Refuse	1	1	3	2	2	1
0.no	9280	7990	8293	10053	9309	9075
1.yes	40	52	69	75	76	81

Value	S2DEMENS	S3DEMENS	S4DEMENS	S5DEMENS	S6DEMENS	S7DEMENS
.c:no prev IW	107	1321	1980	134	913	389
.d:DK	4		3	3		
.r:Refuse	1	1	3	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	6043	5042	5391	6792	6296	6139
1.yes	23	22	25	33	32	31

Value	R2MEMRYS	R3MEMRYS	R4MEMRYS	R5MEMRYS	R6MEMRYS	R7MEMRYS

.c:no prev IW	107	1728	2681	140	1214	509
.d:DK	4		4	4		
.r:Refuse	1	1	3	2	2	1
0.no	9273	7978	8288	10039	9297	9069
1.yes	47	64	74	89	88	87

Value	S2MEMRYS	S3MEMRYS	S4MEMRYS	S5MEMRYS	S6MEMRYS	S7MEMRYS
.c:no prev IW	107	1321	1980	134	913	389
.d:DK	4		3	3		
.r:Refuse	1	1	3	2	1	1
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
0.no	6039	5036	5389	6786	6289	6136
1.yes	27	28	27	39	39	34

How Constructed

RwALZHS indicates if the respondent has reported the onset of Alzheimer's disease since the last interview to which he/she responded. RwDEMENS indicates if the respondent has reported the onset of dementia, organic brain syndrome, senility, or any other serious memory condition since the last interview to which he/she responded. RwMEMRYS indicates if the respondent has reported the onset of Alzheimer's disease, dementia, organic brain syndrome, senility, or any other serious memory condition since the last interview to which he/she responded. RwALZHS, RwDEMENS, and RwMEMRYS are set to yes, and coded as 1, only if the condition is new since last interview, that is, the respondent reported not having the condition at the last interview but says he/she has it now. Don’t know, refused, or other missing values of RwALZHS, RwDEMENS, and RwMEMRYS are assigned special missing codes .d, .r, .m, respectively. A special missing value .c is used when there is no previous report of the condition so there cannot be a change. RwALZHS, RwDEMENS, and RwMEMRYS are set to plain missing (.) for respondents who did not respond to the current wave.

SwALZHS, SwDEMENS, and SwMEMRYS indicate if the respondent’s spouse reported the onset of a memory-related condition since the last interview and are taken directly from the spouse’s response to RwALZHS, RwDEMENS, and RwMEMRYS. In addition to the special missing codes used in RwALZHS, RwDEMENS, and RwMEMRYS, SwALZHS, SwDEMENS, and SwMEMRYS employ two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Please see the section on "Doctor-diagnosed Conditions: Memory-related disease" earlier in this codebook for a description of related "ever had" variables.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, ELSA surveys Alzheimer’s disease or dementia, organic brain syndrome, senility or any other serious memory impairment separately, so RwMEMRYS refers to whether the respondent reported either of these conditions.

ELSA Variables Used

Wave 1 Core:

HEDIB01	has a doctor ever told you that you [have/have had] any
HEDIB02	has a doctor ever told you that you [have/have had] any
HEDIB03	has a doctor ever told you that you [have/have had] any
HEDIB04	has a doctor ever told you that you [have/have had] any
HEDIB05	has a doctor ever told you that you [have/have had] any
HEDIB06	has a doctor ever told you that you [have/have had] any
HEDIB07	has a doctor ever told you that you [have/have had] any
HEDIB08	has a doctor ever told you that you [have/have had] any
HEDIB09	has a doctor ever told you that you [have/have had] any
HEDIB10	has a doctor ever told you that you [have/have had] any

```
Wave 2 Core:
    HEDIAD8        whether confirms alzheimers disease recorded in wave 1
    HEDIAD9        whether confirms dementia recorded in wave 1
    HEDIB01        diagnosed chronic condition newly reported at w2 (1st me
    HEDIB02        diagnosed chronic condition newly reported at w2 (2nd me
    HEDIB03        diagnosed chronic condition newly reported at w2 (3rd me
    HEDIB04        diagnosed chronic condition newly reported at w2 (4th me
Wave 3 Core:
    HEDBDAD        whether confirms alzheimers disease diagnosis
    HEDBDDE        whether confirms dementia diagnosis
    HEDIBAD        (d) ever reported alzheimer's disease (diagnosed)
    HEDIBDE        (d) ever reported dementia or memory impairment (diagnos
Wave 4 Core:
    HEDBDAD        whether confirms alzheimers disease diagnosis
    HEDBDDE        whether confirms dementia diagnosis
    HEDIBAD        chronic: alzheimers disease diagnosis newly reported
    HEDIBDE        chronic: dementia diagnosis newly reported
Wave 5 Core:
    HEDBDAD        whether confirms alzheimers disease diagnosis
    HEDBDDE        whether confirms dementia diagnosis
    HEDIBAD        chronic: alzheimers disease diagnosis newly reported
    HEDIBDE        chronic: dementia diagnosis newly reported
Wave 6 Core:
    HEDBDAD        whether confirms alzheimers disease diagnosis
    HEDBDDE        whether confirms dementia diagnosis
    HEDIBAD        chronic: alzheimers disease diagnosis newly reported
    HEDIBDE        chronic: dementia diagnosis newly reported
Wave 7 Core:
    HEDBDAD        whether confirms alzheimers disease diagnosis
    HEDBDDE        whether confirms dementia diagnosis
    HEDIBAD        chronic: alzheimers disease diagnosis newly reported
    HEDIBDE        chronic: dementia diagnosis newly reported
```

Section C: Insurance

Covered by Private Health Insurance

Wave	Variable	Label	Type
1	R1HIPRIV	r1hipriv:w1 R covered by private health insurance	Categ
2	R2HIPRIV	r2hipriv:w2 R covered by private health insurance	Categ
3	R3HIPRIV	r3hipriv:w3 R covered by private health insurance	Categ
4	R4HIPRIV	r4hipriv:w4 R covered by private health insurance	Categ
5	R5HIPRIV	r5hipriv:w5 R covered by private health insurance	Categ
6	R6HIPRIV	r6hipriv:w6 R covered by private health insurance	Categ
7	R7HIPRIV	r7hipriv:w7 R covered by private health insurance	Categ
1	S1HIPRIV	s1hipriv:w1 S covered by private health insurance	Categ
2	S2HIPRIV	s2hipriv:w2 S covered by private health insurance	Categ
3	S3HIPRIV	s3hipriv:w3 S covered by private health insurance	Categ
4	S4HIPRIV	s4hipriv:w4 S covered by private health insurance	Categ
5	S5HIPRIV	s5hipriv:w5 S covered by private health insurance	Categ
6	S6HIPRIV	s6hipriv:w6 S covered by private health insurance	Categ
7	S7HIPRIV	s7hipriv:w7 S covered by private health insurance	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HIPRIV	12081	0.15	0.36	0.00	1.00
R2HIPRIV	9427	0.15	0.36	0.00	1.00
R3HIPRIV	9758	0.16	0.37	0.00	1.00
R4HIPRIV	11029	0.15	0.36	0.00	1.00
R5HIPRIV	10259	0.14	0.34	0.00	1.00
R6HIPRIV	10582	0.12	0.33	0.00	1.00
R7HIPRIV	9655	0.11	0.32	0.00	1.00
S1HIPRIV	8056	0.17	0.38	0.00	1.00
S2HIPRIV	6173	0.17	0.38	0.00	1.00
S3HIPRIV	6381	0.19	0.39	0.00	1.00
S4HIPRIV	7392	0.17	0.38	0.00	1.00
S5HIPRIV	6955	0.15	0.36	0.00	1.00
S6HIPRIV	7232	0.14	0.35	0.00	1.00
S7HIPRIV	6555	0.13	0.33	0.00	1.00

Categorical Variable Codes

Value	R1HIPRIV	R2HIPRIV	R3HIPRIV	R4HIPRIV	R5HIPRIV	R6HIPRIV	R7HIPRIV
.d:DK	10	4	9	11	11	10	8
.m:Missing	2		1				
.r:Refuse	6	1	3	10	4	9	3
0.no	10248	8014	8194	9338	8848	9260	8555
1.yes	1833	1413	1564	1691	1411	1322	1100

Value	S1HIPRIV	S2HIPRIV	S3HIPRIV	S4HIPRIV	S5HIPRIV	S6HIPRIV	S7HIPRIV
.d:DK	7	4	3	3	6	6	3
.m:Missing	2						
.r:Refuse	5	1	2	7	3	4	2
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	6678	5118	5193	6120	5883	6216	5723
1.yes	1378	1055	1188	1272	1072	1016	832

How Constructed

RwHIPRIV indicates whether or not the respondent is covered by private insurance. Residents in England are covered by the National Health Service (NHS) but some individuals also purchase private insurance. A value of 0 indicates the respondent does not have private insurance. A value of 1 indicates the respondent does have private insurance. Don’t know, refused, or other missing responses of RwHIPRIV are assigned special missing codes .d, .r, .m, respectively. RwHIPRIV is set to plain missing (.) for respondents who did not respond to the current wave.

SwHIPRIV indicates whether the current wave's spouse is covered by private insurance, and is taken from the spouse's values to RwHIPRIV. In addition to the special missing codes used in RwHIPRIV, SwHIPRIV employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

The HRS does ask about private insurance plans but the RAND HRS does not include a binary indicator of whether the respondent is covered by private insurance. Instead, RwHENUM in the RAND HRS provides the number of private health insurance plans the respondent reports. The ELSA survey does not ask respondents the number of private health insurance plans he/she is covered by, so we cannot provide an exact corollary to RwHENUM in the RAND HRS.

ELSA Variables Used

```
Wave 1 Core:
    WPPHI          are you covered by private health insurance, whether in
Wave 2 Core:
    WPPHI          covered by private health insurance (in own name or thro
Wave 3 Core:
    WPPHI          covered by private health insurance (in own name or thro
Wave 4 Core:
    WPPHI          covered by private health insurance (in own name or thro
Wave 5 Core:
    WPPHI          covered by private health insurance (in own name or thro
Wave 6 Core:
    WPPHI          covered by private health insurance (in own name or thro
Wave 7 Core:
    WPPHI          covered by private health insurance (in own name or thro
```

Private Health Insurance: Source of Insurance

Wave	Variable	Label	Type
1	R1HPSRC	r1hpsrc:w1 R source of insurance	Categ
2	R2HPSRC	r2hpsrc:w2 R source of insurance	Categ
3	R3HPSRC	r3hpsrc:w3 R source of insurance	Categ
4	R4HPSRC	r4hpsrc:w4 R source of insurance	Categ
5	R5HPSRC	r5hpsrc:w5 R source of insurance	Categ
6	R6HPSRC	r6hpsrc:w6 R source of insurance	Categ
7	R7HPSRC	r7hpsrc:w7 R source of insurance	Categ
1	S1HPSRC	s1hpsrc:w1 S source of insurance	Categ
2	S2HPSRC	s2hpsrc:w2 S source of insurance	Categ
3	S3HPSRC	s3hpsrc:w3 S source of insurance	Categ
4	S4HPSRC	s4hpsrc:w4 S source of insurance	Categ
5	S5HPSRC	s5hpsrc:w5 S source of insurance	Categ
6	S6HPSRC	s6hpsrc:w6 S source of insurance	Categ
7	S7HPSRC	s7hpsrc:w7 S source of insurance	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HPSRC	12081	0.19	0.49	0.00	2.00
R2HPSRC	9427	0.19	0.49	0.00	2.00
R3HPSRC	9758	0.21	0.51	0.00	2.00
R4HPSRC	11029	0.19	0.49	0.00	2.00
R5HPSRC	10259	0.17	0.46	0.00	2.00
R6HPSRC	10582	0.16	0.44	0.00	2.00
R7HPSRC	9655	0.14	0.42	0.00	2.00
S1HPSRC	8056	0.23	0.54	0.00	2.00
S2HPSRC	6173	0.23	0.54	0.00	2.00
S3HPSRC	6381	0.25	0.56	0.00	2.00
S4HPSRC	7392	0.23	0.53	0.00	2.00
S5HPSRC	6955	0.20	0.51	0.00	2.00
S6HPSRC	7232	0.18	0.48	0.00	2.00
S7HPSRC	6555	0.16	0.46	0.00	2.00

Categorical Variable Codes

Value	R1HPSRC	R2HPSRC	R3HPSRC	R4HPSRC	R5HPSRC	R6HPSRC	R7HPSRC
.d:DK	10	4	9	11	11	10	8
.m:Missing	2		1				
.r:Refuse	6	1	3	10	4	9	3
0.No private insurance	10248	8014	8194	9338	8848	9260	8555
1.Respondent	1317	1018	1117	1244	1047	995	825
2.Another family member	516	395	447	447	364	327	275

Value	S1HPSRC	S2HPSRC	S3HPSRC	S4HPSRC	S5HPSRC	S6HPSRC	S7HPSRC
.d:DK	7	4	3	3	6	6	3
.m:Missing	2						
.r:Refuse	5	1	2	7	3	4	2
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.No private insurance	6678	5118	5193	6120	5883	6216	5723
1.Respondent	922	703	788	865	734	716	584
2.Another family member	456	352	400	407	338	300	248

How Constructed

RwHPSRC indicates the source of the respondent's private insurance. A value of 0 indicates that the respondent does not have private insurance. A value of 1 indicates that the respondent is covered by private insurance in his/her own name. A value of 2 indicates the respondent is covered by private insurance through another family member. Don’t know, refused, or other missing responses of RwHPSRC are assigned special missing codes .d, .r, .m, respectively. RwHPSRC is set to plain missing (.) for respondents who did not respond to the current wave.

SwHPSRC indicates the source of the respondent's current wave's spouse's private insurance, and is taken from the spouse's values to RwHPSRC. In addition to the special missing codes used in RwHPSRC, SwHPSRC employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

The HRS does ask about the source of private insurance but in a different way from the ELSA survey. The HRS allows respondents to report multiple private insurance plans and then for each plan asks whether the plan was obtained through the respondent or through his/her spouse. The RAND HRS includes an indicator of the source of each specific private insurance plan the respondent reported. In the ELSA survey, respondents do not report multiple private insurance plans but are asked the source of the private insurance if they report having private insurance. Because of this difference RwHPSRC is the one indicator of source of private insurance that is included in the Harmonized ELSA.

ELSA Variables Used

```
Wave 1 Core:
    WPPHI          are you covered by private health insurance, whether in
Wave 2 Core:
    WPPHI          covered by private health insurance (in own name or thro
Wave 3 Core:
    WPPHI          covered by private health insurance (in own name or thro
Wave 4 Core:
    WPPHI          covered by private health insurance (in own name or thro
Wave 5 Core:
    WPPHI          covered by private health insurance (in own name or thro
Wave 6 Core:
    WPPHI          covered by private health insurance (in own name or thro
Wave 7 Core:
    WPPHI          covered by private health insurance (in own name or thro
```

Covered by Life Insurance

Wave	Variable	Label	Type
1	R1LIFEIN	r1lifein:w1 R covered by life insurance	Categ
2	R2LIFEIN	r2lifein:w2 R covered by life insurance	Categ
3	R3LIFEIN	r3lifein:w3 R covered by life insurance	Categ
4	R4LIFEIN	r4lifein:w4 R covered by life insurance	Categ
5	R5LIFEIN	r5lifein:w5 R covered by life insurance	Categ
6	R6LIFEIN	r6lifein:w6 R covered by life insurance	Categ
7	R7LIFEIN	r7lifein:w7 R covered by life insurance	Categ
1	S1LIFEIN	s1lifein:w1 S covered by life insurance	Categ
2	S2LIFEIN	s2lifein:w2 S covered by life insurance	Categ
3	S3LIFEIN	s3lifein:w3 S covered by life insurance	Categ
4	S4LIFEIN	s4lifein:w4 S covered by life insurance	Categ
5	S5LIFEIN	s5lifein:w5 S covered by life insurance	Categ
6	S6LIFEIN	s6lifein:w6 S covered by life insurance	Categ
7	S7LIFEIN	s7lifein:w7 S covered by life insurance	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LIFEIN	11866	0.51	0.50	0.00	1.00
R2LIFEIN	9297	0.47	0.50	0.00	1.00
R3LIFEIN	9588	0.45	0.50	0.00	1.00
R4LIFEIN	10856	0.42	0.49	0.00	1.00
R5LIFEIN	10117	0.38	0.49	0.00	1.00
R6LIFEIN	10451	0.37	0.48	0.00	1.00
R7LIFEIN	9520	0.33	0.47	0.00	1.00
S1LIFEIN	7922	0.57	0.50	0.00	1.00
S2LIFEIN	6079	0.52	0.50	0.00	1.00
S3LIFEIN	6269	0.51	0.50	0.00	1.00
S4LIFEIN	7256	0.47	0.50	0.00	1.00
S5LIFEIN	6876	0.42	0.49	0.00	1.00
S6LIFEIN	7139	0.40	0.49	0.00	1.00
S7LIFEIN	6457	0.36	0.48	0.00	1.00

Categorical Variable Codes

Value	R1LIFEIN	R2LIFEIN	R3LIFEIN	R4LIFEIN	R5LIFEIN	R6LIFEIN	R7LIFEIN
.d:DK	44	37	57	47	49	41	41
.m:Missing	104	72	95	101	77	68	67
.r:Refuse	85	26	31	46	31	41	38
0.no	5843	4945	5289	6342	6267	6616	6422
1.yes	6023	4352	4299	4514	3850	3835	3098

Value	S1LIFEIN	S2LIFEIN	S3LIFEIN	S4LIFEIN	S5LIFEIN	S6LIFEIN	S7LIFEIN
.d:DK	16	16	30	25	17	14	19
.m:Missing	66	65	67	87	53	56	52
.r:Refuse	66	18	20	34	18	33	32
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	3421	2890	3066	3862	3968	4254	4137
1.yes	4501	3189	3203	3394	2908	2885	2320

How Constructed

RwLIFEIN indicates whether the respondent is covered by life insurance. A value of 0 indicates the respondent is not covered by life insurance. A value of 1 indicates the respondent is covered by life insurance. Don’t know, refused, or other missing responses of RwLIFEIN are assigned special missing codes .d, .r, .m, respectively. RwLIFEIN is set to plain missing (.) for respondents who did not respond to the current wave.

SwLIFEIN indicates whether the current wave's spouse is covered by life insurance, and is taken from the spouse's values to RwLIFEIN. In addition to the special missing codes used in RwLIFEIN, SwLIFEIN employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

```
Wave 1 Core:
    IALI          do you (or your spouse) have any life insurance policies
Wave 2 Core:
    IALI          do you (or your spouse) have any life insurance policies
Wave 3 Core:
    IALI          do you (or your spouse) have any life insurance policies
Wave 4 Core:
    IALI          do you (or your spouse) have any life insurance policies
Wave 5 Core:
    IALI          do you (or your spouse) have any life insurance policies
Wave 6 Core:
    IALI          do you (or your spouse) have any life insurance policies
Wave 7 Core:
    IALI          do you (or your spouse) have any life insurance policies
```

Section D: Cognition

Cognition Testing Conditions

Wave	Variable	Label	Type
1	R1COGIMP	r1cogimp:w1 r whether factors impaired cognition tests	Categ
2	R2COGIMP	r2cogimp:w2 r whether factors impaired cognition tests	Categ
3	R3COGIMP	r3cogimp:w3 r whether factors impaired cognition tests	Categ
4	R4COGIMP	r4cogimp:w4 r whether factors impaired cognition tests	Categ
5	R5COGIMP	r5cogimp:w5 r whether factors impaired cognition tests	Categ
6	R6COGIMP	r6cogimp:w6 r whether factors impaired cognition tests	Categ
7	R7COGIMP	r7cogimp:w7 r whether factors impaired cognition tests	Categ
1	S1COGIMP	s1cogimp:w1 s whether factors impaired cognition tests	Categ
2	S2COGIMP	s2cogimp:w2 s whether factors impaired cognition tests	Categ
3	S3COGIMP	s3cogimp:w3 s whether factors impaired cognition tests	Categ
4	S4COGIMP	s4cogimp:w4 s whether factors impaired cognition tests	Categ
5	S5COGIMP	s5cogimp:w5 s whether factors impaired cognition tests	Categ
6	S6COGIMP	s6cogimp:w6 s whether factors impaired cognition tests	Categ
7	S7COGIMP	s7cogimp:w7 s whether factors impaired cognition tests	Categ
1	R1COGOTHP	r1cogothp:w1 r whether other people present during cog tests	Categ
2	R2COGOTHP	r2cogothp:w2 r whether other people present during cog tests	Categ
3	R3COGOTHP	r3cogothp:w3 r whether other people present during cog tests	Categ
4	R4COGOTHP	r4cogothp:w4 r whether other people present during cog tests	Categ
5	R5COGOTHP	r5cogothp:w5 r whether other people present during cog tests	Categ
6	R6COGOTHP	r6cogothp:w6 r whether other people present during cog tests	Categ
7	R7COGOTHP	r7cogothp:w7 r whether other people present during cog tests	Categ
1	S1COGOTHP	s1cogothp:w1 s whether other people present during cog tests	Categ
2	S2COGOTHP	s2cogothp:w2 s whether other people present during cog tests	Categ
3	S3COGOTHP	s3cogothp:w3 s whether other people present during cog tests	Categ
4	S4COGOTHP	s4cogothp:w4 s whether other people present during cog tests	Categ
5	S5COGOTHP	s5cogothp:w5 s whether other people present during cog tests	Categ
6	S6COGOTHP	s6cogothp:w6 s whether other people present during cog tests	Categ
7	S7COGOTHP	s7cogothp:w7 s whether other people present during cog tests	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1COGIMP	11757	0.14	0.34	0.00	1.00
R2COGIMP	9255	0.08	0.27	0.00	1.00
R3COGIMP	9490	0.09	0.29	0.00	1.00
R4COGIMP	10558	0.09	0.29	0.00	1.00
R5COGIMP	9680	0.09	0.29	0.00	1.00
R6COGIMP	9964	0.10	0.30	0.00	1.00
R7COGIMP	9046	0.07	0.26	0.00	1.00
S1COGIMP	7822	0.12	0.33	0.00	1.00
S2COGIMP	6044	0.07	0.25	0.00	1.00
S3COGIMP	6201	0.08	0.27	0.00	1.00
S4COGIMP	7032	0.08	0.27	0.00	1.00
S5COGIMP	6508	0.08	0.27	0.00	1.00
S6COGIMP	6731	0.09	0.28	0.00	1.00
S7COGIMP	6061	0.06	0.24	0.00	1.00
R1COGOTHP	11755	0.10	0.30	0.00	1.00
R2COGOTHP	9254	0.09	0.29	0.00	1.00
R3COGOTHP	9491	0.08	0.27	0.00	1.00
R4COGOTHP	10559	0.08	0.27	0.00	1.00
R5COGOTHP	9678	0.07	0.26	0.00	1.00

R6COGOTHP	9961	0.09	0.28	0.00	1.00
R7COGOTHP	9047	0.07	0.25	0.00	1.00
S1COGOTHP	7823	0.11	0.32	0.00	1.00
S2COGOTHP	6044	0.11	0.31	0.00	1.00
S3COGOTHP	6201	0.08	0.28	0.00	1.00
S4COGOTHP	7032	0.09	0.29	0.00	1.00
S5COGOTHP	6505	0.09	0.28	0.00	1.00
S6COGOTHP	6729	0.10	0.30	0.00	1.00
S7COGOTHP	6061	0.08	0.26	0.00	1.00

Categorical Variable Codes

Value	R1COGIMP	R2COGIMP	R3COGIMP	R4COGIMP	R5COGIMP	R6COGIMP	R7COGIMP
.d:DK	8	14	2	2	38	2	4
.m:Missing	125	30	40			11	
.p:proxy	175	125	232	446	537	614	597
.r:Refuse	34	8	7	44	19	10	19
0.no	10141	8523	8603	9615	8794	8981	8379
1.yes	1616	732	887	943	886	983	667

Value	S1COGIMP	S2COGIMP	S3COGIMP	S4COGIMP	S5COGIMP	S6COGIMP	S7COGIMP
.d:DK	5	10	1	2	26	2	2
.m:Missing	99	23	22			6	
.p:proxy	122	95	158	333	418	494	484
.r:Refuse	22	6	4	35	12	9	13
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	6882	5633	5721	6477	6006	6158	5689
1.yes	940	411	480	555	502	573	372

Value	R1COGOTHP	R2COGOTHP	R3COGOTHP	R4COGOTHP	R5COGOTHP	R6COGOTHP	R7COGOTHP
.d:DK	9	14	1		39	5	3
.m:Missing	125	30	39			11	
.p:proxy	175	125	232	446	537	614	597
.r:Refuse	35	9	8	45	20	10	19
0.no	10598	8412	8743	9747	8954	9114	8448
1.yes	1157	842	748	812	724	847	599

Value	S1COGOTHP	S2COGOTHP	S3COGOTHP	S4COGOTHP	S5COGOTHP	S6COGOTHP	S7COGOTHP
.d:DK	4	10	1		28	4	2
.m:Missing	99	23	22			6	
.p:proxy	122	95	158	333	418	494	484
.r:Refuse	22	6	4	37	13	9	13
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	6929	5401	5674	6405	5952	6066	5603
1.yes	894	643	527	627	553	663	458

How Constructed

Cognition testing can be affected by the conditions of the test. ELSA provides two indicators of possible negative conditions during the cognition testing.

RwCOGIMP indicates whether the interviewer reported any factors which impaired the respondent's performance during the cognition tests. These factors could include: the respondent being blind or having poor eyesight, being deaf or having poor hearing, being too tired, illness or physical impairment, impaired concentration, being very nervous or anxious, having other mental impairment, an interruption or distraction, a noisy environment, problems with the testing computer, difficulty in understanding English, or any other factors. A code of 0 indicates the interviewer reported that no conditions impaired performance during the cognition tests. A code of 1 indicates that the interviewer reported at least one factor impairing performance during the cognition tests. Don’t know, refused, or other missing responses of RwCOGIMP are assigned special missing codes .d, .r, .m, respectively. RwCOGIMP is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwCOGIMP is set to plain missing (.) for respondents who did not respond to the current wave.

SwCOGIMP indicates whether the interviewer reported any factors which impaired the respondent's current wave's spouse's performance during the cognition tests. The values are taken from the spouse's values to RwCOGIMP. In addition to the special missing codes used in RwCOGIMP, SwCOGIMP employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwCOGOTHP indicates whether the interviewer reported that there were other people in the room during the respondent's cognition tests. ELSA instructs interviewers that the cognition tests should be performed in private, i.e. only the interviewer and the respondent should be in the room at the time of the tests. A code of 0 indicates that the interviewer reported that there was no one else in the room during the cognition tests. A code of 1 indicates that the interviewer reported that 1 or more other people were in the room during the cognition tests. Don’t know, refused, or other missing responses of RwCOGOTHP are assigned special missing codes .d, .r, .m, respectively. RwCOGOTHP is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwCOGOTHP is set to plain missing (.) for respondents who did not respond to the current wave.

SwCOGOTHP indicates whether the interviewer reported that there were other people in the room during the respondent's current wave's spouse's cognition tests. The values are taken from the spouse's values to RwCOGOTHP. In addition to the special missing codes used in RwCOGOTHP, SwCOGOTHP employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

The RAND HRS does not currently include indicators of the testing conditions during the HRS cognition tests.

ELSA Variables Used

```
Wave 1 Core:
    CFIMP          interviewer recording whether any factors impairing resp
    CFWHO1         other person 1 in room during cognitive function tests (
    CFWHO2         other person 2 in room during cognitive function tests (
    CFWHO3         other person 3 in room suring cognitive function tests (
Wave 2 Core:
    CFIMP          whether any factors impaired performance on cf tests
    CFWHO1         other person in room (1st mention)
    CFWHO2         other person in room (2nd mention)
    CFWHO3         other person in room (3rd mention)
    CFWHO4         other person in room (4th mention)
Wave 3 Core:
    CFIMP          whether any factors impaired performance on cf tests
    CFWHONON       no other person present in room
Wave 4 Core:
    CFIMP          whether any factors impaired performance on cf tests
    CFWHONON       no other person present in room
Wave 5 Core:
    CFIMP          whether any factors impaired performance on cf tests
    CFWHONON       no other person present in room
Wave 6 Core:
    CFIMP          whether any factors impaired performance on cf tests
    CFWHONON       no other person present in room
Wave 7 Core:
    CFIMP          whether any factors impaired performance on cf tests
    CFWHONON       no other person present in room
```

Self-Reported Memory

Wave	Variable	Label	Type
1	R1SLFMEM	r1slfmem:w1 r Self-reported memory	Categ
2	R2SLFMEM	r2slfmem:w2 r Self-reported memory	Categ
3	R3SLFMEM	r3slfmem:w3 r Self-reported memory	Categ
4	R4SLFMEM	r4slfmem:w4 r Self-reported memory	Categ
7	R7SLFMEM	r7slfmem:w7 r Self-reported memory	Categ
1	S1SLFMEM	s1slfmem:w1 s Self-reported memory	Categ
2	S2SLFMEM	s2slfmem:w2 s Self-reported memory	Categ
3	S3SLFMEM	s3slfmem:w3 s Self-reported memory	Categ
4	S4SLFMEM	s4slfmem:w4 s Self-reported memory	Categ
7	S7SLFMEM	s7slfmem:w7 s Self-reported memory	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SLFMEM	11770	3.06	0.97	1.00	5.00
R2SLFMEM	9246	3.16	0.92	1.00	5.00
R3SLFMEM	9480	3.22	0.93	1.00	5.00
R4SLFMEM	10547	3.17	0.94	1.00	5.00
R7SLFMEM	9008	3.18	0.92	1.00	5.00
S1SLFMEM	7825	3.05	0.96	1.00	5.00
S2SLFMEM	6037	3.14	0.92	1.00	5.00
S3SLFMEM	6193	3.19	0.92	1.00	5.00
S4SLFMEM	7020	3.14	0.92	1.00	5.00
S7SLFMEM	6029	3.12	0.92	1.00	5.00

Categorical Variable Codes

Value	R1SLFMEM	R2SLFMEM	R3SLFMEM	R4SLFMEM	R7SLFMEM
.d:DK	27	23	20	13	19
.m:Missing	88	20	31		
.p:proxy	175	123	232	446	597
.r:Refuse	39	20	8	44	42
1.Excellent	635	315	301	382	321
2.Very Good	2557	1735	1623	1959	1564
3.Good	4807	3966	4015	4463	4000
4.Fair	3010	2596	2801	2966	2452
5.Poor	761	634	740	777	671

Value	S1SLFMEM	S2SLFMEM	S3SLFMEM	S4SLFMEM	S7SLFMEM
.d:DK	18	15	10	12	14
.m:Missing	75	16	18		
.p:proxy	122	93	158	333	484
.r:Refuse	30	17	7	37	33
.u:Unmar	3561	2671	2708	2932	2548
.v:SP NR	468	583	677	716	558
1.Excellent	409	214	205	246	233
2.Very Good	1712	1166	1083	1345	1129
3.Good	3259	2630	2667	3052	2725
4.Fair	1970	1631	1796	1907	1543
5.Poor	475	396	442	470	399

How Constructed

RwSLFMEM provides the score of the respondent's self-reported memory. It is scored such that 1 stands for excellent memory and 5 stands for poor memory. Don’t know, refused, or other missing responses of

RwSLFMEM are assigned special missing codes .d, .r, .m, respectively. RwSLFMEM is set to blank missing (.) if the respondent did not participate in the current wave.

SwSLFMEM is the current wave's spouse's self-reported memory score, and it is taken from the spouse's values to RwSLFMEM. In addition to the special missing codes used in RwSLFMEM, SwSLFMEM employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

This question is only asked in Waves 1, 2, 3, 4, and 7.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

```
Wave 1 Core:
    CFMETM         how would you rate your memory at the present time. woul
Wave 2 Core:
    CFMETM         self-rated memory
Wave 3 Core:
    CFMETM         self-rated memory
Wave 4 Core:
    CFMETM         self-rated memory
Wave 7 Core:
    CFMETM         self-rated memory
```

Immediate Word Recall

Wave	Variable	Label	Type
1	R1READRC	r1readrc:w1 r word recall list read by	Categ
2	R2READRC	r2readrc:w2 r word recall list read by	Categ
3	R3READRC	r3readrc:w3 r word recall list read by	Categ
4	R4READRC	r4readrc:w4 r word recall list read by	Categ
5	R5READRC	r5readrc:w5 r word recall list read by	Categ
6	R6READRC	r6readrc:w6 r word recall list read by	Categ
7	R7READRC	r7readrc:w7 r word recall list read by	Categ
1	S1READRC	s1readrc:w1 s word recall list read by	Categ
2	S2READRC	s2readrc:w2 s word recall list read by	Categ
3	S3READRC	s3readrc:w3 s word recall list read by	Categ
4	S4READRC	s4readrc:w4 s word recall list read by	Categ
5	S5READRC	s5readrc:w5 s word recall list read by	Categ
6	S6READRC	s6readrc:w6 s word recall list read by	Categ
7	S7READRC	s7readrc:w7 s word recall list read by	Categ
1	R1IMRC	r1imrc:w1 r immediate word recall	Cont
2	R2IMRC	r2imrc:w2 r immediate word recall	Cont
3	R3IMRC	r3imrc:w3 r immediate word recall	Cont
4	R4IMRC	r4imrc:w4 r immediate word recall	Cont
5	R5IMRC	r5imrc:w5 r immediate word recall	Cont
6	R6IMRC	r6imrc:w6 r immediate word recall	Cont
7	R7IMRC	r7imrc:w7 r immediate word recall	Cont
1	S1IMRC	s1imrc:w1 s immediate word recall	Cont
2	S2IMRC	s2imrc:w2 s immediate word recall	Cont
3	S3IMRC	s3imrc:w3 s immediate word recall	Cont
4	S4IMRC	s4imrc:w4 s immediate word recall	Cont
5	S5IMRC	s5imrc:w5 s immediate word recall	Cont
6	S6IMRC	s6imrc:w6 s immediate word recall	Cont
7	S7IMRC	s7imrc:w7 s immediate word recall	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1READRC	11749	1.19	0.39	1.00	2.00
R2READRC	9244	1.34	0.47	1.00	2.00
R3READRC	9486	1.15	0.35	1.00	2.00
R4READRC	10545	1.16	0.37	1.00	2.00
R5READRC	9665	1.23	0.42	1.00	2.00
R6READRC	9901	1.21	0.41	1.00	2.00
R7READRC	9000	1.22	0.42	1.00	2.00
S1READRC	7816	1.16	0.37	1.00	2.00
S2READRC	6034	1.31	0.46	1.00	2.00
S3READRC	6194	1.12	0.32	1.00	2.00
S4READRC	7024	1.14	0.34	1.00	2.00
S5READRC	6496	1.19	0.39	1.00	2.00
S6READRC	6687	1.19	0.39	1.00	2.00
S7READRC	6026	1.20	0.40	1.00	2.00
R1IMRC	11715	5.46	1.78	0.00	10.00
R2IMRC	9239	5.66	1.81	0.00	10.00
R3IMRC	9485	5.78	1.83	0.00	10.00
R4IMRC	10544	5.84	1.80	0.00	10.00
R5IMRC	9690	5.85	1.83	0.00	10.00

R6IMRC	9972	5.92	1.85	0.00	10.00
R7IMRC	9040	5.93	1.87	0.00	10.00
S1IMRC	7796	5.63	1.72	0.00	10.00
S2IMRC	6031	5.81	1.74	0.00	10.00
S3IMRC	6201	5.98	1.75	0.00	10.00
S4IMRC	7023	6.00	1.72	0.00	10.00
S5IMRC	6513	6.00	1.76	0.00	10.00
S6IMRC	6740	6.07	1.77	0.00	10.00
S7IMRC	6054	6.09	1.81	0.00	10.00

Categorical Variable Codes

Value	R1READRC	R2READRC	R3READRC	R4READRC	R5READRC	R6READRC	R7READRC
.d:DK	10	11					
.m:Missing	113	24	38			10	
.p:proxy	175	125	232	446	537	614	597
.r:Refuse	52	28	15	59	72	76	69
1.Computer	9543	6125	8110	8812	7470	7805	7000
2.Interviewer	2206	3119	1376	1733	2195	2096	2000

Value	S1READRC	S2READRC	S3READRC	S4READRC	S5READRC	S6READRC	S7READRC
.d:DK	5	8					
.m:Missing	91	18	22			6	
.p:proxy	122	95	158	333	418	494	484
.r:Refuse	36	23	12	45	50	55	50
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.Computer	6528	4164	5454	6055	5240	5449	4815
2.Interviewer	1288	1870	740	969	1256	1238	1211

How Constructed

ELSA included a word recall list of 10 words which were read to the respondent and then the respondent was asked to recall them immediately and later in the survey. Respondents were assigned to one of four non-overlapping lists based on random selection. In most cases, ELSA used a computer to read the list of words to the respondent. The computer spoke aloud the word list, reading approximately one word every two seconds. In the case that the respondent could not hear an initial test of the computer voice, then the interviewer was asked to read the word list themselves out loud to the respondent. The interviewer was instructed to read the word list at a slow steady rate, approximately one word every 2 seconds.

RwREADRC indicates whether the respondent was read the word recall list by the computer or the interviewer. A code of 1 indicates that the computer spoke aloud the word list. A code of 2 indicates that the interviewer read the word list aloud. Don’t know, refused, or other missing responses of RwREADRC are assigned special missing codes .d, .r, .m, respectively. RwREADRC is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwREADRC is set to plain missing (.) for respondents who did not respond to the current wave.

SwREADRC indicates whether the current wave's spouse was read the word recall list by the computer or the interviewer, and it is taken from the spouse's values to RwREADRC. In addition to the special missing codes used in RwREADRC, SwREADRC employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwIMRC is the cognition measure for immediate word recall. RwIMRC counts how many words the respondent can recall correctly from a 10 word list. Respondents were given up to 2 minutes to recall words. Don’t know, refused, or other missing responses of RwIMRC are assigned special missing codes .d, .r, .m, respectively. RwIMRC is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwIMRC is set to plain missing (.) for respondents who did not respond to the current wave.

SwIMRC is the current wave's spouse's immediate word recall score, and it is taken from the spouse's values to RwIMRC. In addition to the special missing codes used in RwIMRC, SwIMRC employs two other

missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

In HRS, starting in Wave 3, the word list was randomly assigned which is similar to ELSA.

The word list in ELSA is different from HRS.

The speed of reading the word list was not recorded for ELSA as a computer was generally used to read the words.

ELSA Variables Used

```
Wave 1 Core:
    CFLISEN        now please tell me the words that you can recall. enter
    CFTEST         word list read by computer or interviewer?
Wave 2 Core:
    CFLISEN        number of words recalled immediately
    CFTEST         whether word list read by computer or interviewer
Wave 3 Core:
    CFLISEN        number of words recalled immediately
    CFTEST         whether word list read by computer or interviewer
Wave 4 Core:
    CFLISEN        number of words recalled immediately
    CFTEST         whether word list read by computer or interviewer
Wave 5 Core:
    CFLISEN        number of words recalled immediately
    CFTEST         whether word list read by computer or interviewer
Wave 6 Core:
    CFLISEN        number of words recalled immediately
    CFTEST         whether word list read by computer or interviewer
Wave 7 Core:
    CFLISEN        number of words recalled immediately
    CFTEST         whether word list read by computer or interviewer
```

Delayed Word Recall

Wave	Variable	Label	Type
1	R1DLRC	r1dlrc:w1 r delayed word recall	Cont
2	R2DLRC	r2dlrc:w2 r delayed word recall	Cont
3	R3DLRC	r3dlrc:w3 r delayed word recall	Cont
4	R4DLRC	r4dlrc:w4 r delayed word recall	Cont
5	R5DLRC	r5dlrc:w5 r delayed word recall	Cont
6	R6DLRC	r6dlrc:w6 r delayed word recall	Cont
7	R7DLRC	r7dlrc:w7 r delayed word recall	Cont
1	S1DLRC	s1dlrc:w1 s delayed word recall	Cont
2	S2DLRC	s2dlrc:w2 s delayed word recall	Cont
3	S3DLRC	s3dlrc:w3 s delayed word recall	Cont
4	S4DLRC	s4dlrc:w4 s delayed word recall	Cont
5	S5DLRC	s5dlrc:w5 s delayed word recall	Cont
6	S6DLRC	s6dlrc:w6 s delayed word recall	Cont
7	S7DLRC	s7dlrc:w7 s delayed word recall	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DLRC	11701	4.01	2.11	0.00	10.00
R2DLRC	9249	4.28	2.11	0.00	10.00
R3DLRC	9492	4.53	2.15	0.00	10.00
R4DLRC	10571	4.57	2.13	0.00	10.00
R5DLRC	9689	4.59	2.16	0.00	10.00
R6DLRC	9972	4.77	2.11	0.00	10.00
R7DLRC	9058	4.60	2.18	0.00	10.00
S1DLRC	7788	4.20	2.06	0.00	10.00
S2DLRC	6042	4.47	2.03	0.00	10.00
S3DLRC	6203	4.75	2.05	0.00	10.00
S4DLRC	7043	4.74	2.05	0.00	10.00
S5DLRC	6513	4.79	2.06	0.00	10.00
S6DLRC	6739	4.96	2.01	0.00	10.00
S7DLRC	6070	4.79	2.11	0.00	10.00

How Constructed

RwDLRC is the cognition measure for delayed word recall. RwDLRC counts how many words the respondent can recall correctly from a 10 word list after a delay spent answering other survey questions. Respondents were assigned to one of four non-overlapping lists based on random selection. Don’t know, refused, or other missing responses of RwDLRC are assigned special missing codes .d, .r, .m, respectively. RwDLRC is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwDLRC is set to plain missing (.) for respondents who did not respond to the current wave.

SwDLRC is the current wave's spouse's delayed word recall score, and is taken from the spouse's values to RwDLRC. In addition to the special missing codes used in RwDLRC, SwDLRC employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

In HRS, starting in Wave 3, the word list was randomly assigned which is similar to ELSA.

The word list in ELSA is different from HRS.

The speed of reading the word list was not recorded for ELSA.

ELSA Variables Used

```
Wave 1 Core:
    CFLISD         record number of words correctly remembered after delay
Wave 2 Core:
    CFLISD         number of words recalled after delay
Wave 3 Core:
    CFLISD         number of words recalled after delay
Wave 4 Core:
    CFLISD         number of words recalled after delay
Wave 5 Core:
    CFLISD         number of words recalled after delay
Wave 6 Core:
    CFLISD         number of words recalled after delay
Wave 7 Core:
    CFLISD         number of words recalled after delay
```

Date Naming

Wave	Variable	Label	Type
1	R1MO	r1mo:w1 r cognition date naming-month	Categ
2	R2MO	r2mo:w2 r cognition date naming-month	Categ
3	R3MO	r3mo:w3 r cognition date naming-month	Categ
4	R4MO	r4mo:w4 r cognition date naming-month	Categ
5	R5MO	r5mo:w5 r cognition date naming-month	Categ
6	R6MO	r6mo:w6 r cognition date naming-month	Categ
7	R7MO	r7mo:w7 r cognition date naming-month	Categ
1	S1MO	s1mo:w1 s cognition date naming-month	Categ
2	S2MO	s2mo:w2 s cognition date naming-month	Categ
3	S3MO	s3mo:w3 s cognition date naming-month	Categ
4	S4MO	s4mo:w4 s cognition date naming-month	Categ
5	S5MO	s5mo:w5 s cognition date naming-month	Categ
6	S6MO	s6mo:w6 s cognition date naming-month	Categ
7	S7MO	s7mo:w7 s cognition date naming-month	Categ
1	R1DY	r1dy:w1 r cognition date naming-day of month	Categ
2	R2DY	r2dy:w2 r cognition date naming-day of month	Categ
3	R3DY	r3dy:w3 r cognition date naming-day of month	Categ
4	R4DY	r4dy:w4 r cognition date naming-day of month	Categ
5	R5DY	r5dy:w5 r cognition date naming-day of month	Categ
6	R6DY	r6dy:w6 r cognition date naming-day of month	Categ
7	R7DY	r7dy:w7 r cognition date naming-day of month	Categ
1	S1DY	s1dy:w1 s cognition date naming-day of month	Categ
2	S2DY	s2dy:w2 s cognition date naming-day of month	Categ
3	S3DY	s3dy:w3 s cognition date naming-day of month	Categ
4	S4DY	s4dy:w4 s cognition date naming-day of month	Categ
5	S5DY	s5dy:w5 s cognition date naming-day of month	Categ
6	S6DY	s6dy:w6 s cognition date naming-day of month	Categ
7	S7DY	s7dy:w7 s cognition date naming-day of month	Categ
1	R1YR	r1yr:w1 r cognition date naming-year	Categ
2	R2YR	r2yr:w2 r cognition date naming-year	Categ
3	R3YR	r3yr:w3 r cognition date naming-year	Categ
4	R4YR	r4yr:w4 r cognition date naming-year	Categ
5	R5YR	r5yr:w5 r cognition date naming-year	Categ
6	R6YR	r6yr:w6 r cognition date naming-year	Categ
7	R7YR	r7yr:w7 r cognition date naming-year	Categ
1	S1YR	s1yr:w1 s cognition date naming-year	Categ
2	S2YR	s2yr:w2 s cognition date naming-year	Categ
3	S3YR	s3yr:w3 s cognition date naming-year	Categ
4	S4YR	s4yr:w4 s cognition date naming-year	Categ
5	S5YR	s5yr:w5 s cognition date naming-year	Categ
6	S6YR	s6yr:w6 s cognition date naming-year	Categ
7	S7YR	s7yr:w7 s cognition date naming-year	Categ
1	R1DW	r1dw:w1 r cognition date naming-day of week	Categ
2	R2DW	r2dw:w2 r cognition date naming-day of week	Categ
3	R3DW	r3dw:w3 r cognition date naming-day of week	Categ
4	R4DW	r4dw:w4 r cognition date naming-day of week	Categ
5	R5DW	r5dw:w5 r cognition date naming-day of week	Categ
6	R6DW	r6dw:w6 r cognition date naming-day of week	Categ
7	R7DW	r7dw:w7 r cognition date naming-day of week	Categ
1	S1DW	s1dw:w1 s cognition date naming-day of week	Categ

2	S2DW	s2dw:w2 s cognition date naming-day of week	Categ
3	S3DW	s3dw:w3 s cognition date naming-day of week	Categ
4	S4DW	s4dw:w4 s cognition date naming-day of week	Categ
5	S5DW	s5dw:w5 s cognition date naming-day of week	Categ
6	S6DW	s6dw:w6 s cognition date naming-day of week	Categ
7	S7DW	s7dw:w7 s cognition date naming-day of week	Categ
1	R1ORIENT	r1orient:w1 r cognition orient(summary date naming)	Cont
2	R2ORIENT	r2orient:w2 r cognition orient(summary date naming)	Cont
3	R3ORIENT	r3orient:w3 r cognition orient(summary date naming)	Cont
4	R4ORIENT	r4orient:w4 r cognition orient(summary date naming)	Cont
5	R5ORIENT	r5orient:w5 r cognition orient(summary date naming)	Cont
6	R6ORIENT	r6orient:w6 r cognition orient(summary date naming)	Cont
7	R7ORIENT	r7orient:w7 r cognition orient(summary date naming)	Cont
1	S1ORIENT	s1orient:w1 s cognition orient (summary date naming)	Cont
2	S2ORIENT	s2orient:w2 s cognition orient (summary date naming)	Cont
3	S3ORIENT	s3orient:w3 s cognition orient (summary date naming)	Cont
4	S4ORIENT	s4orient:w4 s cognition orient (summary date naming)	Cont
5	S5ORIENT	s5orient:w5 s cognition orient (summary date naming)	Cont
6	S6ORIENT	s6orient:w6 s cognition orient (summary date naming)	Cont
7	S7ORIENT	s7orient:w7 s cognition orient (summary date naming)	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MO	11770	0.97	0.16	0.00	1.00
R2MO	9254	0.98	0.15	0.00	1.00
R3MO	9487	0.97	0.16	0.00	1.00
R4MO	10552	0.98	0.15	0.00	1.00
R5MO	9671	0.98	0.14	0.00	1.00
R6MO	9910	0.98	0.15	0.00	1.00
R7MO	8971	0.98	0.15	0.00	1.00
S1MO	7825	0.98	0.15	0.00	1.00
S2MO	6042	0.98	0.15	0.00	1.00
S3MO	6195	0.98	0.14	0.00	1.00
S4MO	7025	0.98	0.14	0.00	1.00
S5MO	6499	0.98	0.13	0.00	1.00
S6MO	6690	0.98	0.14	0.00	1.00
S7MO	6007	0.98	0.14	0.00	1.00
R1DY	11770	0.81	0.39	0.00	1.00
R2DY	9253	0.82	0.39	0.00	1.00
R3DY	9488	0.82	0.39	0.00	1.00
R4DY	10552	0.82	0.38	0.00	1.00
R5DY	9672	0.83	0.37	0.00	1.00
R6DY	9910	0.84	0.37	0.00	1.00
R7DY	8918	0.84	0.36	0.00	1.00
S1DY	7825	0.81	0.39	0.00	1.00
S2DY	6041	0.82	0.38	0.00	1.00
S3DY	6196	0.83	0.37	0.00	1.00
S4DY	7025	0.83	0.38	0.00	1.00
S5DY	6499	0.84	0.37	0.00	1.00
S6DY	6690	0.85	0.36	0.00	1.00
S7DY	5973	0.85	0.36	0.00	1.00
R1YR	11770	0.97	0.16	0.00	1.00
R2YR	9254	0.98	0.14	0.00	1.00
R3YR	9488	0.98	0.15	0.00	1.00
R4YR	10552	0.98	0.15	0.00	1.00

R5YR	9672	0.98	0.15	0.00	1.00
R6YR	9911	0.98	0.14	0.00	1.00
R7YR	8970	0.98	0.14	0.00	1.00
S1YR	7825	0.98	0.15	0.00	1.00
S2YR	6042	0.98	0.12	0.00	1.00
S3YR	6196	0.98	0.13	0.00	1.00
S4YR	7025	0.98	0.12	0.00	1.00
S5YR	6500	0.98	0.13	0.00	1.00
S6YR	6691	0.98	0.12	0.00	1.00
S7YR	6005	0.98	0.13	0.00	1.00
R1DW	11769	0.98	0.14	0.00	1.00
R2DW	9254	0.98	0.15	0.00	1.00
R3DW	9488	0.98	0.15	0.00	1.00
R4DW	10552	0.98	0.14	0.00	1.00
R5DW	9672	0.98	0.14	0.00	1.00
R6DW	9910	0.98	0.14	0.00	1.00
R7DW	8973	0.98	0.14	0.00	1.00
S1DW	7824	0.98	0.13	0.00	1.00
S2DW	6042	0.98	0.13	0.00	1.00
S3DW	6196	0.98	0.14	0.00	1.00
S4DW	7025	0.98	0.13	0.00	1.00
S5DW	6499	0.98	0.13	0.00	1.00
S6DW	6690	0.98	0.13	0.00	1.00
S7DW	6007	0.98	0.12	0.00	1.00
R1ORIENT	11771	3.73	0.58	0.00	4.00
R2ORIENT	9254	3.75	0.57	0.00	4.00
R3ORIENT	9489	3.75	0.58	0.00	4.00
R4ORIENT	10552	3.76	0.56	0.00	4.00
R5ORIENT	9673	3.77	0.56	0.00	4.00
R6ORIENT	9912	3.78	0.56	0.00	4.00
R7ORIENT	8979	3.77	0.57	0.00	4.00
S1ORIENT	7825	3.75	0.55	0.00	4.00
S2ORIENT	6042	3.77	0.53	0.00	4.00
S3ORIENT	6197	3.77	0.53	0.00	4.00
S4ORIENT	7025	3.78	0.52	0.00	4.00
S5ORIENT	6500	3.78	0.53	0.00	4.00
S6ORIENT	6692	3.79	0.53	0.00	4.00
S7ORIENT	6010	3.79	0.52	0.00	4.00

Categorical Variable Codes

Value	R1MO	R2MO	R3MO	R4MO	R5MO	R6MO	R7MO
.d:DK							35
.m:Missing	101	24	37			9	
.p:proxy	175	124	232	446	537	614	597
.r:Refuse	53	30	15	52	66	68	63
0.no	301	221	250	236	203	234	202
1.yes	11469	9033	9237	10316	9468	9676	8769

Value	S1MO	S2MO	S3MO	S4MO	S5MO	S6MO	S7MO
.d:DK							23
.m:Missing	85	18	22			5	
.p:proxy	122	94	158	333	418	494	484
.r:Refuse	38	24	11	44	47	53	46
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	173	135	122	132	119	135	118
1.yes	7652	5907	6073	6893	6380	6555	5889

Value	R1DY	R2DY	R3DY	R4DY	R5DY	R6DY	R7DY
.d:DK							87
.m:Missing	101	24	36			9	
.p:proxy	175	124	232	446	537	614	597
.r:Refuse	53	31	15	52	65	68	64
0.no	2262	1709	1719	1872	1616	1571	1393
1.yes	9508	7544	7769	8680	8056	8339	7525

Value	S1DY	S2DY	S3DY	S4DY	S5DY	S6DY	S7DY
.d:DK							56
.m:Missing	85	18	21			5	
.p:proxy	122	94	158	333	418	494	484
.r:Refuse	38	25	11	44	47	53	47
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	1452	1058	1041	1202	1048	1021	899
1.yes	6373	4983	5155	5823	5451	5669	5074

Value	R1YR	R2YR	R3YR	R4YR	R5YR	R6YR	R7YR
.d:DK							35
.m:Missing	101	24	37			9	
.p:proxy	175	124	232	446	537	614	597
.r:Refuse	53	30	14	52	65	67	64
0.no	324	194	220	229	216	208	191
1.yes	11446	9060	9268	10323	9456	9703	8779

Value	S1YR	S2YR	S3YR	S4YR	S5YR	S6YR	S7YR
.d:DK							25
.m:Missing	85	18	22			5	
.p:proxy	122	94	158	333	418	494	484
.r:Refuse	38	24	10	44	46	52	46
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	177	92	103	107	112	103	99
1.yes	7648	5950	6093	6918	6388	6588	5906

Value	R1DW	R2DW	R3DW	R4DW	R5DW	R6DW	R7DW
.d:DK							32
.m:Missing	100	24	37			9	
.p:proxy	175	124	232	446	537	614	597
.r:Refuse	55	30	14	52	65	68	64
0.no	242	200	205	201	199	193	167
1.yes	11527	9054	9283	10351	9473	9717	8806

Value	S1DW	S2DW	S3DW	S4DW	S5DW	S6DW	S7DW
.d:DK							23
.m:Missing	85	18	22			5	
.p:proxy	122	94	158	333	418	494	484
.r:Refuse	39	24	10	44	47	53	46
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	138	109	129	122	117	114	91
1.yes	7686	5933	6067	6903	6382	6576	5916

How Constructed

RwDY, RwMO, RwYR, and RwDW indicate whether the respondent was able to report today’s date correctly, including the day of month, month, year, and day of week, respectively. Each of these variables is coded 1 for a correct answer and 0 for an incorrect answer. Don’t know, refused, or other missing responses of RwDY, RwMO, RwYR, and RwDW are assigned special missing codes .d, .r, .m, respectively. RwDY, RwMO, RwYR, and RwDW are set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwDY, RwMO, RwYR, and RwDW are set to plain missing (.) for respondents who did not respond to the current wave.

SwDY, SwMO, SwYR and SwDW indicate whether the current wave's spouse was able to correctly report the day of month, month, year, and day of week, respectively. Their values are taken from the spouse's values to RwDY, RwMO, RwYR, and RwDW. In addition to the special missing codes used in RwDY, RwMO, RwYR, and RwDW, SwDY, SwMO, SwYR and SwDW employ two other missing codes, .u and .v. A special missing value .u is used

when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwORIENT indicates the orientation to date, month, year and day of week. It is the summary measure for these 4 variables, ranging from 0 to 4, the higher score the better oriented.

SwORIENT is the current wave's spouse's orientation score, and is taken from the spouse's values to RwORIENT. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

RwORIENT is not included in the RAND HRS.

ELSA Variables Used

```
Wave 1 Core:
    CFDATD         day of month given correctly: please tell me today~s dat
    CFDATM         month given correctly: please tell me today~s date -
    CFDATY         year given correctly: please tell me today~s date -
    CFDAY          day given correctly: please tell me what day of the week
Wave 2 Core:
    CFDATD         whether correct day of month given
    CFDATM         whether correct month given
    CFDATY         whether correct year given
    CFDAY          whether correct day given
Wave 3 Core:
    CFDATD         whether correct day of month given
    CFDATM         whether correct month given
    CFDATY         whether correct year given
    CFDAY          whether correct day given
Wave 4 Core:
    CFDATD         whether correct day of month given
    CFDATM         whether correct month given
    CFDATY         whether correct year given
    CFDAY          whether correct day given
Wave 5 Core:
    CFDATD         whether correct day of month given
    CFDATM         whether correct month given
    CFDATY         whether correct year given
    CFDAY          whether correct day given
Wave 6 Core:
    CFDATD         whether correct day of month given
    CFDATM         whether correct month given
    CFDATY         whether correct year given
    CFDAY          whether correct day given
Wave 7 Core:
    CFDATD         whether correct day of month given
    CFDATM         whether correct month given
    CFDATY         whether correct year given
    CFDAY          whether correct day given
```

Verbal Fluency Score

Wave	Variable	Label	Type
1	R1VERBF	r1verbf:w1 r verbal fluency score	Cont
2	R2VERBF	r2verbf:w2 r verbal fluency score	Cont
3	R3VERBF	r3verbf:w3 r verbal fluency score	Cont
4	R4VERBF	r4verbf:w4 r verbal fluency score	Cont
5	R5VERBF	r5verbf:w5 r verbal fluency score	Cont
7	R7VERBF	r7verbf:w7 r verbal fluency score	Cont
1	S1VERBF	s1verbf:w1 s verbal fluency score	Cont
2	S2VERBF	s2verbf:w2 s verbal fluency score	Cont
3	S3VERBF	s3verbf:w3 s verbal fluency score	Cont
4	S4VERBF	s4verbf:w4 s verbal fluency score	Cont
5	S5VERBF	s5verbf:w5 s verbal fluency score	Cont
7	S7VERBF	s7verbf:w7 s verbal fluency score	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1VERBF	11713	19.33	6.44	0.00	50.00
R2VERBF	9252	19.81	6.67	0.00	63.00
R3VERBF	9480	20.24	6.92	0.00	56.00
R4VERBF	10541	20.71	6.90	0.00	55.00
R5VERBF	9662	20.79	6.91	0.00	51.00
R7VERBF	9057	21.13	7.34	0.00	67.00
S1VERBF	7791	20.02	6.36	0.00	49.00
S2VERBF	6042	20.51	6.60	0.00	63.00
S3VERBF	6196	20.92	6.81	0.00	56.00
S4VERBF	7023	21.32	6.72	0.00	50.00
S5VERBF	6493	21.42	6.74	0.00	51.00
S7VERBF	6069	21.69	7.17	0.00	62.00

How Constructed

RwVERBF is the verbal fluency score. The respondents were asked to name members of animals within a time span of one minute, up to 100 animals. RwVERBF is the count of the number of acceptable animal names. Don’t know, refused, or other missing responses of RwVERBF are assigned special missing codes .d, .r, .m, respectively. RwVERBF is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwVERBF is set to plain missing (.) for respondents who did not respond to the current wave.

SwVERBF is the current wave's spouse's verbal fluency score, and is taken from the spouse's values to RwVERBF. In addition to the special missing codes used in RwVERBF, SwVERBF employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

An animal naming question is not included in Wave 6.

Differences with the RAND HRS

Verbal fluency using animal naming questions was added to the HRS survey in 2010. A measure of verbal fluency is not currently included in the RAND HRS.

ELSA Variables Used

```
Wave 1 Core:
    CFANI           number of animals mentioned after request to list as ma
Wave 2 Core:
    CFANI          number of animals mentioned (fluency)
Wave 3 Core:
    CFANI          number of animals mentioned (fluency)
Wave 4 Core:
    CFANI          number of animals mentioned (fluency)
Wave 5 Core:
    CFANI          number of animals mentioned (fluency)
Wave 7 Core:
    CFANI          number of animals mentioned
```

Numeracy Score

Wave	Variable	Label	Type
1	R1NUMER_E	r1numer_e:w1 r numeracy score	Cont
4	R4NUMER_E	r4numer_e:w4 r numeracy score	Cont
6	R6NUMER_E	r6numer_e:w6 r numeracy score	Cont
7	R7NUMER_E	r7numer_e:w7 r numeracy score	Cont
1	S1NUMER_E	s1numer_e:w1 s numeracy score	Cont
4	S4NUMER_E	s4numer_e:w4 s numeracy score	Cont
6	S6NUMER_E	s6numer_e:w6 s numeracy score	Cont
7	S7NUMER_E	s7numer_e:w7 s numeracy score	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1NUMER_E	11884	3.88	1.41	0.00	6.00
R4NUMER_E	10534	4.16	1.33	0.00	6.00
R6NUMER_E	1460	4.41	1.46	0.00	6.00
R7NUMER_E	570	4.21	1.47	0.00	6.00
S1NUMER_E	7912	4.02	1.38	0.00	6.00
S4NUMER_E	7015	4.28	1.28	0.00	6.00
S6NUMER_E	1062	4.48	1.43	0.00	6.00
S7NUMER_E	424	4.23	1.47	0.00	6.00

How Constructed

RwNUMER_E is the summary measure that scores the respondent's ability for mathematic performance. There are at most 5 questions asked to each respondent that require respondents to do simple computations, such as fraction-based calculations of the discounted price of an item, fraction-based calculations of the number of people affected by a disease, subtraction-based calculations of the amount of change after a purchase, division-based calculations of lottery winnings, and the amount accrued as bank interest.

The number of numeracy questions asked depends on the number of questions the respondent answers correctly.

Every respondent is asked the same first three numeracy questions. The first is: "In a sale, a shop is selling all items at half price. Before the sale, a sofa costs £300. How much will it cost in the sale?" The second question is: "If the chance of getting a disease is 10 percent, how many people out of 1,000 (one thousand) would be expected to get the disease?" The third question is: "A second hand car dealer is selling a car for £6,000. This is two thirds of what it cost new. How much did the car cost new?" If the respondent incorrectly answers all three of these questions, ELSA asks the following, final, and easier numeracy question: "If you buy a drink for 85 pence and pay with a one pound coin, how much change should you get back?" If the respondent had correctly answered any of the first three questions, ELSA asks the following question: "If 5 people all have the winning numbers in the lottery and the prize is £2 million, how much will each of them get?" If the respondent answered correctly either the number of people that would be expected to get the disease question, the price of the new car question, or the amount received by each of the lottery winners question, ELSA then asks the final question: "Let's say you have £200 in a savings account. The account earns ten percent interest each year. How much would you have in the account at the end of two years?"

RwNUMER_E is the summary score indicating how well the respondent answered the numeracy questions. RwNUMER_E ranges from 0 to 6. A score of 0 indicates the respondent did not answer any of the questions correctly. A score of 1 indicates the respondent did not answer the first three questions correctly but did answer the easier question correctly. A score of 2 to 6 indicates the respondent answered at least one of the first three questions correctly and RwNUMER_E is the number of correct questions + 1. Don’t know, refused, or other missing responses of RwNUMER_E are assigned special missing codes .d, .r, .m, respectively. RwNUMER_E is set to special missing .p if the cognition questions were skipped because the

interview was by proxy. Starting in Wave 6, if the respondent was not asked the numeracy questions because they answered the questions in a previous wave, special missing value .s is assigned. RwNUMER_E is set to plain missing (.) for respondents who did not respond to the current wave.

SwNUMER_E is the current wave's spouse's numeracy score. In addition to the special missing codes used in RwNUMER_E, SwNUMER_E employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

This question is only asked in Wave 1, Wave 4, Wave 6, and Wave 7. Starting in Wave 6, the question was not asked to respondents who answered the numeracy questions previously. If the questions were skipped because of re-interviewing, special missing value .s was assigned.

Differences with the RAND HRS

Unlike the HRS, there are 5 possible numeracy questions asked in ELSA. In the HRS there are only 3 questions.

Also the questions are different between HRS and ELSA. The number of surveyed questions in ELSA varies according to which questions the respondent answers correctly.

There are only 3 questions in HRS. In HRS, the 3 questions are:

1. If the chance of getting a disease is 10 percent, how many people out of 1,000 would be expected to get the disease?

2. If 5 people all have the winning numbers in the lottery and the prize is two million dollars, how much will each of them get?

3. Let's say you have $200 in a savings account. The account earns 10 percent interest per year. How much would you have in the account at the end of two years?

ELSA Variables Used

```
Wave 1 Core:
    CFMSCR         computed score from numeracy questions (0-6)
Wave 4 Core:
    CFMSCR         computed score from numeracy questions
Wave 6 Core:
    CFMSCR         computed score from maths questions
Wave 7 Core:
    CFMSCR         computed score from maths questions
```

Prospective Memory

Wave	Variable	Label	Type
1	R1PRMT1	r1prmt1:w1 r prospective memory task 1	Categ
2	R2PRMT1	r2prmt1:w2 r prospective memory task 1	Categ
3	R3PRMT1	r3prmt1:w3 r prospective memory task 1	Categ
4	R4PRMT1	r4prmt1:w4 r prospective memory task 1	Categ
5	R5PRMT1	r5prmt1:w5 r prospective memory task 1	Categ
1	S1PRMT1	s1prmt1:w1 s prospective memory task 1	Categ
2	S2PRMT1	s2prmt1:w2 s prospective memory task 1	Categ
3	S3PRMT1	s3prmt1:w3 s prospective memory task 1	Categ
4	S4PRMT1	s4prmt1:w4 s prospective memory task 1	Categ
5	S5PRMT1	s5prmt1:w5 s prospective memory task 1	Categ
1	R1PRMT2	r1prmt2:w1 r prospective memory task 2	Categ
1	S1PRMT2	s1prmt2:w1 s prospective memory task 2	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PRMT1	11680	3.37	1.36	0.00	4.00
R2PRMT1	9278	3.43	1.31	0.00	4.00
R3PRMT1	9322	3.49	1.25	0.00	4.00
R4PRMT1	10364	3.54	1.19	0.00	4.00
R5PRMT1	9463	3.58	1.15	0.00	4.00
S1PRMT1	7784	3.46	1.27	0.00	4.00
S2PRMT1	6220	3.52	1.21	0.00	4.00
S3PRMT1	5184	3.55	1.19	0.00	4.00
S4PRMT1	4536	3.60	1.11	0.00	4.00
S5PRMT1	4294	3.63	1.07	0.00	4.00
R1PRMT2	11693	1.53	0.82	0.00	2.00
S1PRMT2	7784	1.61	0.76	0.00	2.00

Categorical Variable Codes

Value	R1PRMT1	R2PRMT1	R3PRMT1	R4PRMT1	R5PRMT1
.d:DK	41				
.m:Missing	120	30	216	240	274
.p:proxy	175	124	232	446	537
.r:Refuse	83		1		
0.Did nothing/didn't rememb	1399	999	928	926	784
1.Did something else	215	179	96	83	59
2.Wrote something else in t	325	246	244	222	216
3.Wrote initials somewhere	434	301	283	322	240
4.Wrote initials in top lef	9307	7553	7771	8811	8164

Value	S1PRMT1	S2PRMT1	S3PRMT1	S4PRMT1	S5PRMT1
.d:DK	13				
.m:Missing	95	11	91	94	132
.p:proxy	122	71	103	167	213
.r:Refuse	56		1		
.u:Unmar	3561	3561	3561	3561	3561
.v:SP NR	468	468	468	468	468
0.Did nothing/didn't rememb	789	548	465	348	298
1.Did something else	132	113	38	27	27

2.Wrote something else in t	203	140	117	97	103
3.Wrote initials somewhere	260	181	136	125	98
4.Wrote initials in top lef	6400	5238	4428	3939	3768

Value	R1PRMT2
.d:DK	30
.m:Missing	125
.p:proxy	175
.r:Refuse	76
0.Did nothing/didn't rememb	2464
1.Did something else	613
2.Reminded interviewer to r	8616

Value	S1PRMT2
.d:DK	13
.m:Missing	99
.p:proxy	122
.r:Refuse	52
.u:Unmar	3561
.v:SP NR	468
0.Did nothing/didn't rememb	1320
1.Did something else	381
2.Reminded interviewer to r	6083

How Constructed

Prospective memory questions are asked to indicate how well the respondent was able to remember to perform a task with previously given instructions.

RwPRMT1 indicates how well the respondent was able to remember to perform the correct actions for the first of two tasks. Respondents are told by the interviewer, "The first is remembering to do a task. At some point during the interview I will hand you this clipboard and a pencil. When I do I would like you to write your initials on the top left hand corner of the piece of paper attached to the clipboard. Is that clear?" RwPRMT1 indicates the respondent's actions when the interviewer later hands them the clipboard. RwPRMT1 is coded as follows: 0.Did nothing/didn't remember, 1.Did something else, 2.Wrote something else in the top left corner, 3.Wrote initials somewhere else, 4.Wrote initials in the top left corner. As such, the higher the score, the better the respondent was able to remember the instructions. Don't know, refuse, or other missing responses of RwPRMT1 are assigned special missing codes .d, .r, or .m, respectively. RwPRMT1 is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwPRMT1 is set to blank missing (.) if the respondent did not participate in the current wave.

SwPRMT1 indicates how well the respondent's current wave's spouse was able to remember to perform the correct first task, specifically initialling the top left corner of a piece of paper. The values are taken from the spouse's values to RwPRMT1. In addition to the special missing values used in RwPRMT1, SwPRMT1 employs two additional special missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwPRMT2 indicates how well the respondent was able to remember to perform the correct actions for second of two tasks. Respondents are told by the interviewer, "The second task is for you to remind me to do something. When we finish the memory and concentrations tasks I will say 'That is the end of the memory and concentration tasks'. When I do I would like you to remind me to record what time we finish the tasks. Is that clear?" RwPRMT2 indicates the respondent's actions when the interviewer later declares the end of the memory and concentrations tasks. RwPRMT2 is coded as follows: 0.Did nothing/didn't remember, 1.Did something else, 2.Reminded interviewer to record time. As such, the higher the score, the better the respondent was able to remember the instructions. Don't know, refuse or other missing responses of RwPRMT2 are assigned special missing codes .d, .r, or .m, respectively. RwPRMT2 is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwPRMT2 is set to blank missing (.) if the respondent did not participate in the current wave.

SwPRMT2 indicates how well the respondent's current wave's spouse was able to remember to perform the correct second task, specifically reminding the interviewer to record the time. The values are taken from the spouse's values to RwPRMT2. In addition to the special missing values used in RwPRMT2, SwPRMT2 employs two additional special missing codes, .u and .v. A special missing value .u is used when the

respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

Two prospective memory tasks are performed only in wave 1. In waves 2 to 5, one prospective memory task is performed. Starting in wave 6, the prospective memory tasks have been dropped.

Differences with the RAND HRS

The RAND HRS does not currently include prospective memory tasks.

ELSA Variables Used

```
Wave 1 Core:
    CFMEMS         code what respondent did when handed clipboard and penci
    CFPMB          whether respondent reminded interviewer to record the ti
Wave 2 Core:
    CFMEMS         response given for prospective memory test (remembering
Wave 3 Core:
    CFMEMS         response given for prospective memory test (remembering
Wave 4 Core:
    CFMEMS         response given for prospective memory test (remembering
Wave 5 Core:
    CFMEMS         response given for prospective memory test (remembering
```

Total Recall Summary Score

Wave	Variable	Label	Type
1	R1TR20	r1tr20:w1 r recall summary score	Cont
2	R2TR20	r2tr20:w2 r recall summary score	Cont
3	R3TR20	r3tr20:w3 r recall summary score	Cont
4	R4TR20	r4tr20:w4 r recall summary score	Cont
5	R5TR20	r5tr20:w5 r recall summary score	Cont
6	R6TR20	r6tr20:w6 r recall summary score	Cont
7	R7TR20	r7tr20:w7 r recall summary score	Cont
1	S1TR20	s1tr20:w1 s recall summary score	Cont
2	S2TR20	s2tr20:w2 s recall summary score	Cont
3	S3TR20	s3tr20:w3 s recall summary score	Cont
4	S4TR20	s4tr20:w4 s recall summary score	Cont
5	S5TR20	s5tr20:w5 s recall summary score	Cont
6	S6TR20	s6tr20:w6 s recall summary score	Cont
7	S7TR20	s7tr20:w7 s recall summary score	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1TR20	11716	9.46	3.60	0.00	20.00
R2TR20	9261	9.92	3.65	0.00	20.00
R3TR20	9494	10.31	3.71	0.00	20.00
R4TR20	10571	10.39	3.69	0.00	20.00
R5TR20	9691	10.43	3.73	0.00	20.00
R6TR20	9973	10.69	3.72	0.00	20.00
R7TR20	9063	10.51	3.81	0.00	20.00
S1TR20	7797	9.82	3.49	0.00	20.00
S2TR20	6049	10.26	3.50	0.00	20.00
S3TR20	6203	10.72	3.51	0.00	20.00
S4TR20	7043	10.73	3.53	0.00	20.00
S5TR20	6513	10.79	3.56	0.00	20.00
S6TR20	6740	11.03	3.53	0.00	20.00
S7TR20	6074	10.85	3.69	0.00	20.00

How Constructed

RwTR20 is the summary score for total word recall. RwTR20 sums the immediate and delayed word recall scores. It is calculated as RwIMRC (range 0-10) + RwDLRC (range 0-10). RwTR20 is assigned special missing .d, .r, and .m if RwIMRC and RwDLRC are assigned the corresponding special missing code. RwTR20 is assigned special missing .p if the cognition questions were skipped because the interview was by proxy. RwTR20 is set to blank missing (.) if the respondent did not participate in the current wave.

SwTR20 is the current wave's spouse's total word recall score. In addition to the special missing codes employed by RwTR20, SwTR20 employs two additional special missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

```
Wave 1 Core:
    CFLISD         record number of words correctly remembered after delay
    CFLISEN        now please tell me the words that you can recall. enter
Wave 2 Core:
    CFLISD         number of words recalled after delay
    CFLISEN        number of words recalled immediately
Wave 3 Core:
    CFLISD         number of words recalled after delay
    CFLISEN        number of words recalled immediately
Wave 4 Core:
    CFLISD         number of words recalled after delay
    CFLISEN        number of words recalled immediately
Wave 5 Core:
    CFLISD         number of words recalled after delay
    CFLISEN        number of words recalled immediately
Wave 6 Core:
    CFLISD         number of words recalled after delay
    CFLISEN        number of words recalled immediately
Wave 7 Core:
    CFLISD         number of words recalled after delay
    CFLISEN        number of words recalled immediately
```

Backwards Counting

Wave	Variable	Label	Type
7	R7BWC20	r7bwc20:w7 r Backwards Counting From 20	Categ
7	S7BWC20	s7bwc20:w7 s Backwards Counting From 20	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R7BWC20	8977	1.93	0.36	0.00	2.00
S7BWC20	6006	1.95	0.32	0.00	2.00

Categorical Variable Codes

Value	R7BWC20
.d:DK	17
.p:proxy	597
.r:Refuse	75
0.Incorrect	292
1.Correct, 2nd try	13
2.Correct, 1st try	8672

Value	S7BWC20
.d:DK	13
.p:proxy	484
.r:Refuse	57
.u:Unmar	2548
.v:SP NR	558
0.Incorrect	162
1.Correct, 2nd try	3
2.Correct, 1st try	5841

How Constructed

RwBWC20 indicates whether the respondent was able to successfully count backwards for 10 continuous numbers from 20. Two points are given if the respondent was successful on the first try, one point if the respondent was successful on the second try, and zero points if the respondent was not successful on either try. RwBWC20 is assigned special missing values .d, .r, or .m, if the response was don’t know, refused, or missing, respectively. RwBWC20 is set to .p if the cognition questions were skipped because the interview was by proxy. RwBWC20 is set to plain missing (.) for respondents who did not respond to the current wave.

SwBWC20 is the current wave's spouse's value for RwBWC20. In addition to the special missing codes used in RwBWC20, if the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. Also, if the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

The backwards counting questions were only asked in wave 7.

Differences with the RAND HRS

Different from the HRS, in ELSA the backwards counting questions only included counting back from 20, whereas the HRS also asks counting from 86.

ELSA Variables Used

```
Wave7 Core:
    CFC20FRST      counting backwards task - first attempt
    CFC20FSCND     counting backwards task - second attempt
```

Serial 7's

Wave	Variable	Label	Type
7	R7SER7	r7ser7:w7 R serial 7s	Cont
7	S7SER7	s7ser7:w7 S serial 7s	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R7SER7	17202	1.84	2.24	0.00	5.00
S7SER7	5684	3.79	1.73	0.00	5.00

How Constructed

RwSER7 provides the numbers of correct subtractions in the serial 7's test. This test asks the individual to subtract 7 from the prior number, beginning with 100 for five trials. Correct subtractions are based on the prior number given, so that even if one subtraction is incorrect subsequent trials are evaluated on the given (perhaps wrong) answer. Valid scores are 0-5. Don't know, refused, or other missings values for RwSER7 is assigned special missing codes .d, .r, .m, respectively. RwSER7 is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwSER7 is set to plain missing (.) for respondents who did not respond to this wave.

SwSER7 provides the current wave's spouse numbers of correct subtractions in the serial 7's test and is taken directly from the spouse's value to RwSER7. In addition to the special missing codes used in RwSER7, SwSER7 employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

These questions were only asked in wave 7.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

Wave7 Core:

CFSVA	number subtraction series - first subtraction
CFSVB	number subtraction series - second subtraction
CFSVC	number subtraction series - third subtraction
CFSVD	number subtraction series - fourth subtraction
CFSVE	number subtraction series - fifth subtraction

Object Naming

Wave	Variable	Label	Type
7	R7SCIS	r7scis:w7 r object naming scissors	Categ
7	S7SCIS	s7scis:w7 s object naming scissors	Categ
7	R7CACT	r7cact:w7 r object naming cactus	Categ
7	S7CACT	s7cact:w7 s object naming cactus	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R7SCIS	8978	0.98	0.13	0.00	1.00
S7SCIS	6007	0.98	0.12	0.00	1.00
R7CACT	8899	0.94	0.24	0.00	1.00
S7CACT	5967	0.95	0.22	0.00	1.00

Categorical Variable Codes

Value	R7SCIS
.d:DK	22
.p:proxy	597
.r:Refuse	69
0.Incorrect	151
1.Correct	8827

Value	S7SCIS
.d:DK	17
.p:proxy	484
.r:Refuse	52
.u:Unmar	2548
.v:SP NR	558
0.Incorrect	94
1.Correct	5913

Value	R7CACT
.d:DK	101
.p:proxy	597
.r:Refuse	69
0.Incorrect	538
1.Correct	8361

Value	S7CACT
.d:DK	58
.p:proxy	484
.r:Refuse	51
.u:Unmar	2548
.v:SP NR	558
0.Incorrect	290
1.Correct	5677

How Constructed

RwCACT and RwSCIS indicate whether the respondent was able to correctly name these objects, cactus and scissors, respectively, based on a verbal description. For RwSCIS the description was: "What do you usually use to cut paper?" and for RwCACT it was: "What do you call the kind of prickly plant that grows

in the desert?" Don’t know, refused, or other missing responses of RwCACT and RwSCIS are assigned special missing codes .d, .r, .m, respectively. RwCACT and RwSCIS are set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwCACT and RwSCIS are set to plain missing (.) for respondents who did not respond to the current wave.

SwCACT and SwSCIS indicate whether the current wave's spouse's correctly named these objects, cactus and scissors, and are taken from the spouse's values to RwCACT and RwSCIS. In addition to the special missing codes used in RwCACT and RwSCIS, SwCACT and SwSCIS employ two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

The object naming questions were only asked in wave 7.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

```
Wave7 Core:
    CFNMCA         naming questions - name of prickly desert plant
    CFNMSC         naming questions - tool used to cut paper
```

Monarch/Prime Minster/US president naming

Wave	Variable	Label	Type
7	R7MNRC	r7mnrc:w7 r current monarch	Categ
7	S7MNRC	s7mnrc:w7 s current monarch	Categ
7	R7PM	r7pm:w7 r current prime minster	Categ
7	S7PM	s7pm:w7 s current prime minster	Categ
7	R7PRES	r7pres:w7 r current US president	Categ
7	S7PRES	s7pres:w7 s current US president	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R7MNRC	8956	0.98	0.14	0.00	1.00
S7MNRC	5994	0.98	0.13	0.00	1.00
R7PM	8835	0.88	0.32	0.00	1.00
S7PM	5925	0.90	0.30	0.00	1.00
R7PRES	8868	0.92	0.27	0.00	1.00
S7PRES	5957	0.94	0.23	0.00	1.00

Categorical Variable Codes

Value	R7MNRC
.d:DK	42
.p:proxy	597
.r:Refuse	71
0.Incorrect	184
1.Correct	8772

Value	S7MNRC
.d:DK	29
.p:proxy	484
.r:Refuse	53
.u:Unmar	2548
.v:SP NR	558
0.Incorrect	108
1.Correct	5886

Value	R7PM
.d:DK	162
.p:proxy	597
.r:Refuse	72
0.Incorrect	1018
1.Correct	7817

Value	S7PM
.d:DK	97
.p:proxy	484
.r:Refuse	54
.u:Unmar	2548
.v:SP NR	558

0.Incorrect	603
1.Correct	5322
Value	R7PRES
.d:DK	130
.p:proxy	597
.r:Refuse	71
0.Incorrect	686
1.Correct	8182
Value	S7PRES
.d:DK	66
.p:proxy	484
.r:Refuse	53
.u:Unmar	2548
.v:SP NR	558
0.Incorrect	338
1.Correct	5619

How Constructed

RwMNRC, RwPM and RwPRES indicate whether the respondent was able to correctly name the current monarch, prime minister and president of the United States, respectively. Don’t know, refused, or other missing responses of RwMNRC, RwPM and RwPRES are assigned special missing codes .d, .r, .m, respectively. RwMNRC, RwPM and RwPRES are assigned special missing .p if the cognition questions were skipped because the interview was by proxy. RwMNRC, RwPM and RwPRES are set to plain missing (.) for respondents who did not respond to the current wave.

SwMNRC, SwPM and SwPRES indicate whether the current wave's spouse was able to correctly name the current monarch, prime minister and president of the United States, respectively, and are taken from the spouse's values to RwMNRC, RwPM and RwPRES. In addition to the special missing codes used in RwMNRC, RwPM and RwPRES, SwMNRC, SwPM and SwPRES employ two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

These questions were only asked in wave 7.

Differences with the RAND HRS

Unlike HRS, ELSA asked the respondents about their current monarch and prime minister.

ELSA Variables Used

Wave7 Core:

CFNMPM	naming questions - current pm
CFNMQN	naming questions - current monarch
CFNMUS	naming questions - current us president

Section E: Financial and Housing Wealth

Inflation Multiplier

Wave	Variable	Label	Type
1	C2001CPINDEX	2001 consumer price index, 2010=100	Cont
1	C2002CPINDEX	2002 consumer price index, 2010=100	Cont
1	C2003CPINDEX	2003 consumer price index, 2010=100	Cont
1	C2004CPINDEX	2004 consumer price index, 2010=100	Cont
1	C2005CPINDEX	2005 consumer price index, 2010=100	Cont
1	C2006CPINDEX	2006 consumer price index, 2010=100	Cont
1	C2007CPINDEX	2007 consumer price index, 2010=100	Cont
1	C2008CPINDEX	2008 consumer price index, 2010=100	Cont
1	C2009CPINDEX	2009 consumer price index, 2010=100	Cont
1	C2010CPINDEX	2010 consumer price index, 2010=100	Cont
1	C2011CPINDEX	2011 consumer price index, 2010=100	Cont
1	C2012CPINDEX	2012 consumer price index, 2010=100	Cont
1	C2013CPINDEX	2013 consumer price index, 2010=100	Cont
1	C2014CPINDEX	2014 consumer price index, 2010=100	Cont
1	C2015CPINDEX	2015 consumer price index, 2010=100	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
C2001CPINDEX	18489	82.30	0.00	82.30	82.30
C2002CPINDEX	18489	83.30	0.00	83.30	83.30
C2003CPINDEX	18489	84.50	0.00	84.50	84.50
C2004CPINDEX	18489	85.60	0.00	85.60	85.60
C2005CPINDEX	18489	87.30	0.00	87.30	87.30
C2006CPINDEX	18489	89.40	0.00	89.40	89.40
C2007CPINDEX	18489	91.50	0.00	91.50	91.50
C2008CPINDEX	18489	94.80	0.00	94.80	94.80
C2009CPINDEX	18489	96.80	0.00	96.80	96.80
C2010CPINDEX	18489	100.00	0.00	100.00	100.00
C2011CPINDEX	18489	104.50	0.00	104.50	104.50
C2012CPINDEX	18489	107.40	0.00	107.40	107.40
C2013CPINDEX	18489	110.20	0.00	110.20	110.20
C2014CPINDEX	18489	111.80	0.00	111.80	111.80
C2015CPINDEX	18489	111.80	0.00	111.80	111.80

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

CyyyyCPINDEX is the annual consumer price index for the year of the survey. CyyyyCPINDEX uses 2010 as its base year so the consumer price index for a survey conducted in 2010 would be 100. This consumer price index can be used as an inflation multiplier when comparing financial values between different survey years.

CyyyyCPINDEX values were provided by the OECD as part of the Consumer Price (MEI) dataset. The index measures monthly changes in the general level of prices of goods and services that households acquire for consumption. For more information on the calculation of the consumer price index see http://stats.oecd.org.

Cross Wave Differences in ELSA

Consumer price index values are not based on any ELSA survey question.

Differences with the RAND HRS

Consumer price index values are not included in the RAND HRS.

Net Value of Other Real Estate

Wave	Variable	Label	Type
1	H1ARLES	h1arles:w1 assets: other real estate	Cont
2	H2ARLES	h2arles:w2 assets: other real estate	Cont
3	H3ARLES	h3arles:w3 assets: other real estate	Cont
4	H4ARLES	h4arles:w4 assets: other real estate	Cont
5	H5ARLES	h5arles:w5 assets: other real estate	Cont
6	H6ARLES	h6arles:w6 assets: other real estate	Cont
7	H7ARLES	h7arles:w7 assets: other real estate	Cont
1	H1AFRLES	h1afrles:w1 asst flag: other real estate	Categ
2	H2AFRLES	h2afrles:w2 asst flag: other real estate	Categ
3	H3AFRLES	h3afrles:w3 asst flag: other real estate	Categ
4	H4AFRLES	h4afrles:w4 asst flag: other real estate	Categ
5	H5AFRLES	h5afrles:w5 asst flag: other real estate	Categ
6	H6AFRLES	h6afrles:w6 asst flag: other real estate	Categ
7	H7AFRLES	h7afrles:w7 asst flag: other real estate	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1ARLES	11891	18234.33	85357.87	0.00	3500000.00
H2ARLES	9310	16326.22	107622.79	0.00	4000000.00
H3ARLES	9523	20415.73	115129.56	0.00	3600000.00
H4ARLES	10755	24259.69	126003.44	0.00	3500000.00
H5ARLES	10043	23222.96	103325.13	0.00	2300000.00
H6ARLES	10362	27219.81	123302.08	0.00	3000000.00
H7ARLES	9417	34037.02	175662.75	0.00	6000000.00
H1AFRLES	12099	5.44	1.69	1.00	9.00
H2AFRLES	9432	5.60	1.46	1.00	9.00
H3AFRLES	9771	5.58	1.61	1.00	10.00
H4AFRLES	11050	5.54	1.67	1.00	10.00
H5AFRLES	10274	5.51	1.67	1.00	10.00
H6AFRLES	10601	5.45	1.74	1.00	10.00
H7AFRLES	9666	5.44	1.78	1.00	10.00

Categorical Variable Codes

Value	H1AFRLES	H2AFRLES	H3AFRLES	H4AFRLES	H5AFRLES	H6AFRLES	H7AFRLES
1.continuous value	1376	788	947	1151	1095	1243	1197
2.closed range bracket	109	35	34	47	58	68	41
3.open range bracket	43	25	7	18	38	33	30
5.no value/bracket	55	41	64	94	55	70	66
6.no asset	10226	8391	8408	9387	8756	8894	8014
7.dk	82	30	63	58	41	54	69
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwARLES is based on information from the derived variable (including imputations):

home_bu_i is the net value of the secondary home residence and other property after paying all the debts, imputation values included.

This variable is derived at the “benefit unit” level. In ELSA this is a couple or a single person with any dependent children they may have. Therefore, the information reported is combined for those couples keeping finances separately in order to obtain a benefit unit definition. Imputations are not obtained for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module; 4) respondents in Wave 3 living in institutions. The net value of other real estate takes value “missing”, .m, in these cases. HwARLES is set to blank missing (.) if the respondent did not participate in the current wave.

HwAFRLES is a flag variable based on the original flag variable home_bu_t, indicating response types for the value of other real estate.

Cross Wave Differences in ELSA

The value of other real estate is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include an interviewer check when a respondent reports expecting more than £500,000 from the sale of the other real estate. This check is not included in the waves following Wave 2.

Differences with the RAND HRS

Net value of other real estate in ELSA is measured in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

```
Wave 1 Financial:
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
    HOME_BU_T      bu 2nd home and oth property (iahome) - imputation flag
Wave 2 Financial:
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
    HOME_BU_T      bu 2nd home and oth property (iahome) - imputation flag
Wave 3 Financial:
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
    HOME_BU_T      bu 2nd home and oth property (iahome) - imputation flag
Wave 4 Financial:
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
    HOME_BU_T      bu 2nd home and oth property (iahome) - imputation flag
Wave 5 Financial:
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
    HOME_BU_T      bu 2nd home and oth property (iahome) - imputation flag
Wave 6 Financial:
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
    HOME_BU_T      bu 2nd home and oth property (iahome) - imputation flag
Wave 7 Financial:
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
    HOME_BU_T      bu 2nd home and oth property (iahome) - imputation flag
```

Net Value of Business

Wave	Variable	Label	Type
1	H1ABSNS	h1absns:w1 assets: business	Cont
2	H2ABSNS	h2absns:w2 assets: business	Cont
3	H3ABSNS	h3absns:w3 assets: business	Cont
4	H4ABSNS	h4absns:w4 assets: business	Cont
5	H5ABSNS	h5absns:w5 assets: business	Cont
6	H6ABSNS	h6absns:w6 assets: business	Cont
7	H7ABSNS	h7absns:w7 assets: business	Cont
1	H1AFBSNS	h1afbsns:w1 asst flag: business	Categ
2	H2AFBSNS	h2afbsns:w2 asst flag: business	Categ
3	H3AFBSNS	h3afbsns:w3 asst flag: business	Categ
4	H4AFBSNS	h4afbsns:w4 asst flag: business	Categ
5	H5AFBSNS	h5afbsns:w5 asst flag: business	Categ
6	H6AFBSNS	h6afbsns:w6 asst flag: business	Categ
7	H7AFBSNS	h7afbsns:w7 asst flag: business	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1ABSNS	11891	16607.91	227182.57	0.00	8060000.00
H2ABSNS	9310	13924.54	150598.48	0.00	4500000.00
H3ABSNS	9523	18986.37	328246.13	0.00	20450000.00
H4ABSNS	10755	25631.34	486613.35	0.00	37000000.00
H5ABSNS	10043	19606.35	234132.84	0.00	10000000.00
H6ABSNS	10362	30150.63	422532.22	0.00	20000000.00
H7ABSNS	9417	34487.17	491926.99	0.00	32000000.00
H1AFBSNS	12099	5.88	1.11	1.00	9.00
H2AFBSNS	9432	5.95	0.91	1.00	9.00
H3AFBSNS	9771	5.96	1.11	1.00	10.00
H4AFBSNS	11050	5.98	1.16	1.00	10.00
H5AFBSNS	10274	6.03	1.03	1.00	10.00
H6AFBSNS	10601	6.02	1.08	1.00	10.00
H7AFBSNS	9666	6.05	1.07	1.00	10.00

Categorical Variable Codes

Value	H1AFBSNS	H2AFBSNS	H3AFBSNS	H4AFBSNS	H5AFBSNS	H6AFBSNS	H7AFBSNS
1.continuous value	364	196	271	349	232	268	228
2.closed range bracket	185	67	103	104	76	78	60
3.open range bracket	40	25	14	17	14	43	40
5.no value/bracket	108	48	70	76	57	58	60
6.no asset	10439	8411	8323	9129	8555	8636	7789
7.dk ownership	755	563	742	1080	1109	1279	1240
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwABSNS is based on information from the derived variable (including imputations):

farm_bu_i which represents net value of business including imputations: If you sold your Farm or Business property and then paid off any debts on it, about how much would you/you or your husband/wife/partner get?

busv_bu_i is the total value of share of business.

othbusv_bu_i is the total value of any other business or part of a business the respondent owns (as an active or sleeping partner).

Net value business is then constructed as the sum of the different business components:

(farm_bu_i + busv_bu_i + othbusv_bu_i)

This variable is derived at the “benefit unit” level. In ELSA this is a couple or a single person with any dependent children they may have. Therefore, the information reported is combined for those couples keeping finances separately in order to obtain a benefit unit definition. Imputations are not obtained for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module; 4) respondents in Wave 3 living in institutions. The net value of business takes value “missing”, .m, in these cases. HwABSNS is set to blank missing (.) if the respondent did not participate in the current wave.

HwAFBSNS is a flag variable based on the original flag variables (farm_bu_t, busv_bu_t, othbusv_bu_t), indicating response types for the value of business.

Cross Wave Differences in ELSA

The net value of business is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include an interviewer check when a respondent reported his/her share of a business to be worth more than £2,000,000. This check is not included in the waves following Wave 2.

Differences with the RAND HRS

Net value of business in ELSA is measured in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

```
Wave 1 Financial:
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
    OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
    OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
Wave 2 Financial:
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
    OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
    OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
Wave 3 Financial:
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
    OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
    OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
Wave 4 Financial:
```

```
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
    OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
    OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
Wave 5 Financial:
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
    OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
    OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
Wave 6 Financial:
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
    OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
    OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
Wave 7 Financial:
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
    OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
    OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
```

Value of ISA, PEPS, TESSA

Wave	Variable	Label	Type
1	H1AIRA	h1aira:w1 assets: ISA, PEPS, TESSA	Cont
2	H2AIRA	h2aira:w2 assets: ISA, PEPS, TESSA	Cont
3	H3AIRA	h3aira:w3 assets: ISA, PEPS, TESSA	Cont
4	H4AIRA	h4aira:w4 assets: ISA, PEPS, TESSA	Cont
5	H5AIRA	h5aira:w5 assets: ISA, PEPS, TESSA	Cont
6	H6AIRA	h6aira:w6 assets: ISA, PEPS, TESSA	Cont
7	H7AIRA	h7aira:w7 assets: ISA, PEPS, TESSA	Cont
1	H1AFIRA	h1afira:w1 asst flag: ISA, PEPS, TESSA	Categ
2	H2AFIRA	h2afira:w2 asst flag: ISA, PEPS, TESSA	Categ
3	H3AFIRA	h3afira:w3 asst flag: ISA, PEPS, TESSA	Categ
4	H4AFIRA	h4afira:w4 asst flag: ISA, PEPS, TESSA	Categ
5	H5AFIRA	h5afira:w5 asst flag: ISA, PEPS, TESSA	Categ
6	H6AFIRA	h6afira:w6 asst flag: ISA, PEPS, TESSA	Categ
7	H7AFIRA	h7afira:w7 asst flag: ISA, PEPS, TESSA	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1AIRA	11891	9747.93	23694.78	0.00	558000.00
H2AIRA	9310	12011.08	27471.51	0.00	630672.00
H3AIRA	9523	13806.97	31881.47	0.00	606077.00
H4AIRA	10755	16246.42	36502.30	0.00	800000.00
H5AIRA	10043	19678.45	42854.25	0.00	700000.00
H6AIRA	10362	23131.36	49468.41	0.00	738230.00
H7AIRA	9417	28462.37	66056.45	0.00	1999994.00
H1AFIRA	12099	3.97	2.45	1.00	9.00
H2AFIRA	9432	3.63	2.49	1.00	9.00
H3AFIRA	9771	3.71	2.60	1.00	10.00
H4AFIRA	11050	3.53	2.60	1.00	10.00
H5AFIRA	10274	3.42	2.58	1.00	10.00
H6AFIRA	10601	3.40	2.58	1.00	10.00
H7AFIRA	9666	3.42	2.60	1.00	10.00

Categorical Variable Codes

Value	H1AFIRA	H2AFIRA	H3AFIRA	H4AFIRA	H5AFIRA	H6AFIRA	H7AFIRA
1.continuous value	4283	4084	4318	5197	5076	5299	4829
2.closed range bracket	767	436	332	411	338	273	235
3.open range bracket	54	55	67	160	125	191	166
5.no value/bracket	766	581	456	544	556	619	556
6.no asset	5784	3996	3992	4016	3559	3578	3221
7.dk	237	158	358	427	389	402	410
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwAIRA is based on information from the derived variables (including imputations):

tessa_bu_i represents the total amount that the respondent and husband/wife/partner have in their TESSA (Tax Exempt Special Saving Account), including imputations.

cashisa_bu_i represents the total amount that the respondent and husband/wife/partner have in the cash components of their ISA(s) (A tax efficient saving plan that allows individuals in the UK to invest in a number of different ways: cash (including National Savings), Life Insurance and Equity Investments (unit trusts, OEICS, investment trusts, shares, etc.), including imputations.

shisa_bu_i represents the total value of the stocks and shares component of the respondent and husband's/wife's/partner's ISA(s), including imputations.

pep_bu_i represents the net value of the respondent's and husband's/wife's/partner's Personal Equity Plan(s) (An investment plan in the UK that allows people over the age of 18 to invest in shares of UK companies), including imputations.

Net value of ISA, PEPS, TESSA is then constructed as the sum of the different components:

(tessa_bu_i + cashisa_bu_i + shisa_bu_i + pep_bu_i)

This variable is derived at the "benefit unit" level. In ELSA this is a couple or a single person with any dependent children they may have. Therefore, the information reported is combined for those couples keeping finances separately in order to obtain a benefit unit definition. Imputations are not obtained for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module; 4) respondents in Wave 3 living in institutions. The net value of ISA, PEPS, TESSA takes value "missing", .m, in these cases. HwAIRA is set to blank missing (.) if the respondent did not participate in the current wave.

HwAFIRA is a flag variable based on the original flag variables (tessa_bu_t, cashisa_bu_t, shisa_bu_t, pep_bu_t), indicating response types for the value of ISA, PEPS, TESSA.

Cross Wave Differences in ELSA

The net value of ISA, PEPS, and TESSA is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include an interviewer check when a respondent reports having more than £40,000 in the cash component of their ISA or more than £100,000 in the stock and share component of their ISA. Wave 1 and 2 also include an interviewer check when a respondent reports expecting to receive more than £200,000 from the sale of their personal equity plan(s). Wave 1 and 2 also include an interviewer check when a respondent reports having more than £100,000 in their TESSA account(s). These checks are not included in the waves following Wave 2.

Differences with the RAND HRS

Net value of ISA, PEPS, TESSA in ELSA is measured in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

```
Wave 1 Financial:
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
Wave 2 Financial:
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
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    PEP_BU_T       bu peps (iaip) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
Wave 3 Financial:
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
Wave 4 Financial:
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
Wave 5 Financial:
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
Wave 6 Financial:
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
Wave 7 Financial:
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
```

Net Value of Stocks, Shares, and Investment Funds

Wave	Variable	Label	Type
1	H1ASTCK	h1astck:w1 assets: stocks	Cont
2	H2ASTCK	h2astck:w2 assets: stocks	Cont
3	H3ASTCK	h3astck:w3 assets: stocks	Cont
4	H4ASTCK	h4astck:w4 assets: stocks	Cont
5	H5ASTCK	h5astck:w5 assets: stocks	Cont
6	H6ASTCK	h6astck:w6 assets: stocks	Cont
7	H7ASTCK	h7astck:w7 assets: stocks	Cont
1	H1AFSTCK	h1afstck:w1 asst flag: stocks	Categ
2	H2AFSTCK	h2afstck:w2 asst flag: stocks	Categ
3	H3AFSTCK	h3afstck:w3 asst flag: stocks	Categ
4	H4AFSTCK	h4afstck:w4 asst flag: stocks	Categ
5	H5AFSTCK	h5afstck:w5 asst flag: stocks	Categ
6	H6AFSTCK	h6afstck:w6 asst flag: stocks	Categ
7	H7AFSTCK	h7afstck:w7 asst flag: stocks	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1ASTCK	11891	10442.50	69972.18	0.00	3015000.00
H2ASTCK	9310	13626.78	112566.00	0.00	6000000.00
H3ASTCK	9523	15857.18	101697.83	0.00	3300000.00
H4ASTCK	10755	17412.48	154916.50	0.00	5500000.00
H5ASTCK	10043	15748.25	87865.81	0.00	3000000.00
H6ASTCK	10362	23399.92	203553.82	0.00	8000000.00
H7ASTCK	9417	22829.59	150488.52	0.00	5150000.00
H1AFSTCK	12099	4.55	2.28	1.00	9.00
H2AFSTCK	9432	4.49	2.29	1.00	9.00
H3AFSTCK	9771	4.61	2.33	1.00	10.00
H4AFSTCK	11050	4.70	2.29	1.00	10.00
H5AFSTCK	10274	4.71	2.27	1.00	10.00
H6AFSTCK	10601	4.76	2.25	1.00	10.00
H7AFSTCK	9666	4.80	2.25	1.00	10.00

Categorical Variable Codes

Value	H1AFSTCK	H2AFSTCK	H3AFSTCK	H4AFSTCK	H5AFSTCK	H6AFSTCK	H7AFSTCK
1.continuous value	2917	2459	2516	2594	2423	2414	2197
2.closed range bracket	738	464	336	450	353	342	259
3.open range bracket	86	57	41	74	77	79	73
5.no value/bracket	561	401	458	575	472	463	450
6.no asset	7380	5795	6026	6865	6544	6831	6204
7.dk	209	134	146	197	174	233	234
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwASTCK is based on information from the derived variables (including imputations):

shares_bu_i represents the total value of the respondent's and husband's/wife's/partner's stocks and shares, including imputations.

trusts_bu_i represents the total value of the respondent's and husband's/wife's/partner's trusts or Investment trusts, including imputations.

Net value of stocks, shares, investment trusts is then constructed as the sum of the different components:

(shares_bu_i + trusts_bu_i)

This variable is derived at the "benefit unit" level. In ELSA this is a couple or a single person with any dependent children they may have. Therefore, the information reported is combined for those couples keeping finances separately in order to obtain a benefit unit definition. Imputations are not obtained for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module; 4) respondents in Wave 3 living in institutions. The net value of stocks, shares, investment trusts takes value "missing", .m, in these cases. HwASTCK is set to blank missing (.) if the respondent did not participate in the current wave.

HwAFSTCK is a flag variable based on the original flag variables (shares_bu_t, trusts_bu_t), indicating response types for the value of stocks, shares, investment trusts.

Cross Wave Differences in ELSA

The net value of stocks, shares, and investment trusts is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include an interviewer check when a respondent reports expecting to receive more than £200,000 from the sale of their stocks or shares. Wave 1 and 2 include an interviewer check when a respondent reports expecting to receive more than £400,000 from the sale of their unit or investment trust(s). These checks are not included in the waves following Wave 2.

Differences with the RAND HRS

Net value of stocks, shares, and investment trusts in ELSA is measured in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

```
Wave 1 Financial:
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 2 Financial:
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 3 Financial:
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 4 Financial:
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 5 Financial:
```

```
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 6 Financial:
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 7 Financial:
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
```

Value of Checking, Savings Accounts

Wave	Variable	Label	Type
1	H1ACHCK	h1achck:w1 assets: current,savings acct	Cont
2	H2ACHCK	h2achck:w2 assets: current,savings acct	Cont
3	H3ACHCK	h3achck:w3 assets: current,savings acct	Cont
4	H4ACHCK	h4achck:w4 assets: current,savings acct	Cont
5	H5ACHCK	h5achck:w5 assets: current,savings acct	Cont
6	H6ACHCK	h6achck:w6 assets: current,savings acct	Cont
7	H7ACHCK	h7achck:w7 assets: current,savings acct	Cont
1	H1AFCHCK	h1afchck:w1 asst flag: current,savings acct	Categ
2	H2AFCHCK	h2afchck:w2 asst flag: current,savings acct	Categ
3	H3AFCHCK	h3afchck:w3 asst flag: current,savings acct	Categ
4	H4AFCHCK	h4afchck:w4 asst flag: current,savings acct	Categ
5	H5AFCHCK	h5afchck:w5 asst flag: current,savings acct	Categ
6	H6AFCHCK	h6afchck:w6 asst flag: current,savings acct	Categ
7	H7AFCHCK	h7afchck:w7 asst flag: current,savings acct	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1ACHCK	11891	14320.53	37543.88	0.00	1132000.00
H2ACHCK	9310	18025.31	49829.46	0.00	1500000.00
H3ACHCK	9523	19883.52	62432.50	0.00	2300000.00
H4ACHCK	10755	27575.34	107555.99	0.00	3500000.00
H5ACHCK	10043	25856.00	93905.19	0.00	4000000.00
H6ACHCK	10362	25910.90	83209.52	0.00	2750000.00
H7ACHCK	9417	26499.75	65506.41	0.00	1401000.00
H1AFCHCK	12099	2.05	1.98	1.00	9.00
H2AFCHCK	9432	1.91	1.89	1.00	9.00
H3AFCHCK	9771	2.12	2.12	1.00	10.00
H4AFCHCK	11050	2.06	2.09	1.00	10.00
H5AFCHCK	10274	2.00	2.02	1.00	10.00
H6AFCHCK	10601	2.06	2.07	1.00	10.00
H7AFCHCK	9666	2.04	2.08	1.00	10.00

Categorical Variable Codes

Value	H1AFCHCK	H2AFCHCK	H3AFCHCK	H4AFCHCK	H5AFCHCK	H6AFCHCK	H7AFCHCK
1.continuous value	8514	7182	7102	8146	7630	7834	7196
2.closed range bracket	1166	537	565	633	613	585	504
3.open range bracket	165	143	132	207	203	186	184
5.no value/bracket	856	561	707	785	768	781	759
6.no asset	983	753	867	783	663	739	542
7.dk	207	134	150	201	166	237	232
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwACHCK is based on information from the derived variables (including imputations):

save_bu_i represents the total amount that the respondent and husband/wife/partner have in a current and/or savings account at the bank, building society or elsewhere, including imputations.

nsav_bu_i represents the total amount that the respondent and husband/wife/partner have in National Savings Accounts or Certificates, including imputations.

Net value of current, savings account is then constructed as the sum of the different components:

(save_bu_i + nsav_bu_i)

This variable is derived at the “benefit unit” level. In ELSA this is a couple or a single person with any dependent children they may have. Therefore, the information reported is combined for those couples keeping finances separately in order to obtain a benefit unit definition. Imputations are not obtained for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module; 4) respondents in Wave 3 living in institutions. The net value of current, savings account takes value “missing”, .m, in these cases. HwACHCK is set to blank missing (.) if the respondent did not participate in the current wave.

HwAFCHCK is a flag variable based on the original flag variables (save_bu_t, nsav_bu_t), indicating response types for the value of current, savings account.

Cross Wave Differences in ELSA

The net value of current and savings account is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include an interviewer check when a respondent reports having more than £200,000 in their National Savings Accounts or Certificates. Wave 1 and 2 also include an interviewer check when a respondent reports having more than £300,000 in their current savings account. These checks are not included in the waves following Wave 2.

Differences with the RAND HRS

Net value of current and savings account in ELSA is measured in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

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Wave 1 Financial:
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
Wave 2 Financial:
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
Wave 3 Financial:
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
Wave 4 Financial:
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
Wave 5 Financial:
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
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    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
Wave 6 Financial:
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
Wave 7 Financial:
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
```

Net Value of Bonds and Bond Funds

Wave	Variable	Label	Type
1	H1ABOND	h1abond:w1 assets: bonds	Cont
2	H2ABOND	h2abond:w2 assets: bonds	Cont
3	H3ABOND	h3abond:w3 assets: bonds	Cont
4	H4ABOND	h4abond:w4 assets: bonds	Cont
5	H5ABOND	h5abond:w5 assets: bonds	Cont
6	H6ABOND	h6abond:w6 assets: bonds	Cont
7	H7ABOND	h7abond:w7 assets: bonds	Cont
1	H1AFBOND	h1afbond:w1 asst flag: bonds	Categ
2	H2AFBOND	h2afbond:w2 asst flag: bonds	Categ
3	H3AFBOND	h3afbond:w3 asst flag: bonds	Categ
4	H4AFBOND	h4afbond:w4 asst flag: bonds	Categ
5	H5AFBOND	h5afbond:w5 asst flag: bonds	Categ
6	H6AFBOND	h6afbond:w6 asst flag: bonds	Categ
7	H7AFBOND	h7afbond:w7 asst flag: bonds	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1ABOND	11891	4060.78	17573.69	0.00	380000.00
H2ABOND	9310	5890.17	24090.13	0.00	580000.00
H3ABOND	9523	6135.06	22652.13	0.00	450000.00
H4ABOND	10755	6577.91	24169.90	0.00	450001.00
H5ABOND	10043	7740.42	29048.03	0.00	850050.00
H6ABOND	10362	7989.89	30247.78	0.00	700000.00
H7ABOND	9417	8447.87	33408.22	0.00	805000.00
H1AFBOND	12099	4.26	2.45	1.00	9.00
H2AFBOND	9432	4.03	2.49	1.00	9.00
H3AFBOND	9771	4.08	2.55	1.00	10.00
H4AFBOND	11050	4.15	2.54	1.00	10.00
H5AFBOND	10274	4.08	2.54	1.00	10.00
H6AFBOND	10601	4.15	2.52	1.00	10.00
H7AFBOND	9666	4.17	2.54	1.00	10.00

Categorical Variable Codes

Value	H1AFBOND	H2AFBOND	H3AFBOND	H4AFBOND	H5AFBOND	H6AFBOND	H7AFBOND
1.continuous value	4109	3651	3759	4090	3965	3927	3591
2.closed range bracket	223	127	126	153	115	109	94
3.open range bracket	34	32	24	64	33	62	43
5.no value/bracket	345	244	309	357	335	369	294
6.no asset	6971	5122	5155	5890	5417	5656	5157
7.dk	209	134	150	201	178	239	238
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwABOND is based on information from the derived variables (including imputations):

prbonds_bu_i represents the total amount that the respondent and husband/wife/partner have in premium bonds, including imputations.

bonds_bu_i represents the total value of the respondent's and husband's/wife's/partner's bonds and gilts, including imputations.

Net value of bonds is then constructed as the sum of the different bond components:

(prbonds_bu_i + bonds_bu_i)

This variable is derived at the "benefit unit" level. In ELSA this is a couple or a single person with any dependent children they may have. Therefore, the information reported is combined for those couples keeping finances separately in order to obtain a benefit unit definition. Imputations are not obtained for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module; 4) respondents in Wave 3 living in institutions. The net value of bonds takes value "missing", .m, in these cases. HwABOND is set to blank missing (.) if the respondent did not participate in the current wave.

HwAFBOND is a flag variable based on the original flag variables (prbonds_bu_t, bonds_bu_t), indicating response types for the value of bonds.

Cross Wave Differences in ELSA

The net value of bonds is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include an interviewer check when a respondent reports expecting to receive more than £200,000 from the sale of their bonds and gilts. Wave 1 and 2 also include an interviewer check when a respondent reports having more than £10,000 in premium bonds. These checks are not included in the waves following Wave 2.

Differences with the RAND HRS

Net value of bonds in ELSA is measured in nominal pounds whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

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Wave 1 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
Wave 2 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
Wave 3 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
Wave 4 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
Wave 5 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
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    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
Wave 6 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
Wave 7 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
```

Value of Other Debt

Wave	Variable	Label	Type
1	H1ADEBT	h1adebt:w1 assets: debts	Cont
2	H2ADEBT	h2adebt:w2 assets: debts	Cont
3	H3ADEBT	h3adebt:w3 assets: debts	Cont
4	H4ADEBT	h4adebt:w4 assets: debts	Cont
5	H5ADEBT	h5adebt:w5 assets: debts	Cont
6	H6ADEBT	h6adebt:w6 assets: debts	Cont
7	H7ADEBT	h7adebt:w7 assets: debts	Cont
1	H1AFDEBT	h1afdebt:w1 asst flag: debts	Categ
2	H2AFDEBT	h2afdebt:w2 asst flag: debts	Categ
3	H3AFDEBT	h3afdebt:w3 asst flag: debts	Categ
4	H4AFDEBT	h4afdebt:w4 asst flag: debts	Categ
5	H5AFDEBT	h5afdebt:w5 asst flag: debts	Categ
6	H6AFDEBT	h6afdebt:w6 asst flag: debts	Categ
7	H7AFDEBT	h7afdebt:w7 asst flag: debts	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1ADEBT	11891	1470.41	5420.59	0.00	160000.00
H2ADEBT	9310	1447.57	4743.89	0.00	75000.00
H3ADEBT	9523	1952.15	6358.28	0.00	140000.00
H4ADEBT	10755	1952.71	6777.79	0.00	120000.00
H5ADEBT	10043	1601.74	5807.92	0.00	111000.00
H6ADEBT	10362	1669.24	5642.52	0.00	90000.00
H7ADEBT	9417	1612.85	5572.45	0.00	112000.00
H1AFDEBT	12099	4.45	2.39	1.00	9.00
H2AFDEBT	9432	4.59	2.31	1.00	9.00
H3AFDEBT	9771	4.61	2.38	1.00	10.00
H4AFDEBT	11050	4.73	2.33	1.00	10.00
H5AFDEBT	10274	4.90	2.21	1.00	10.00
H6AFDEBT	10601	4.90	2.21	1.00	10.00
H7AFDEBT	9666	4.96	2.19	1.00	10.00

Categorical Variable Codes

Value	H1AFDEBT	H2AFDEBT	H3AFDEBT	H4AFDEBT	H5AFDEBT	H6AFDEBT	H7AFDEBT
1.continuous value	3746	2658	2799	2905	2346	2423	2117
2.closed range bracket	155	76	76	92	65	69	64
3.open range bracket	18	10	19	19	12	12	9
5.no value/bracket	82	104	86	72	75	83	55
6.no asset	7781	6422	6474	7596	7492	7692	7115
7.dk	109	40	69	71	53	83	57
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwADEBT is based on information from the derived variables (including imputations):

ccard_bu_i represents the outstanding balance on credit cards or store cards after the last monthly payment was made, including imputations.

prdebt_bu_i represents the total amount that the respondent and husband/wife/partner owe to friends, relatives, or other private individuals, including imputations.

odebt_bu_i represents the total amount that the respondent and husband/wife/partner owe in: hire purchase agreements, personal loans (from bank, building society or other financial institution), overdraft, catalogue or mail order purchase agreements, DSS Social fund loan or Loan from a money lender or “tally man”, including imputations.

Net value of other debt is then constructed as the sum of the different debt components:

(ccard_bu_i + prdebt_bu_i + odebt_bu_i)

This variable is derived at the “benefit unit” level. In ELSA this is a couple or a single person with any dependent children they may have. Therefore, the information reported is combined for those couples keeping finances separately in order to obtain a benefit unit definition. Imputations are not obtained for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module; 4) respondents in Wave 3 living in institutions. The net value of other debt takes value “missing”, .m, in these cases. HwADEBT is set to blank missing (.) if the respondent did not participate in the current wave.

HwAFDEBT is a flag variable based on the original flag variables (ccard_bu_t, prdebt_bu_t, odebt_bu_t), indicating response types for the value of other debt.

Cross Wave Differences in ELSA

The net value of other debt is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include an interviewer check when a respondent reports having an outstanding balance on their credit or store cards larger than £50,000. Wave 1 and 2 also include an interviewer check when a respondent reports owing more than £50,000 on other loans and debt. Wave 1 and 2 also include an interviewer check when a respondent reports owing more than £50,000 to friends or relatives. These checks are not included in the waves following Wave 2.

Differences with the RAND HRS

Net value of other debt in ELSA is measured in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

```
Wave 1 Financial:
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
Wave 2 Financial:
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
Wave 3 Financial:
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
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    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
Wave 4 Financial:
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
Wave 5 Financial:
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
Wave 6 Financial:
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
Wave 7 Financial:
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
```

Whether Owns Home

Wave	Variable	Label	Type
1	H1AHOWN	h1ahown:w1 whether own home	Categ
2	H2AHOWN	h2ahown:w2 whether own home	Categ
3	H3AHOWN	h3ahown:w3 whether own home	Categ
4	H4AHOWN	h4ahown:w4 whether own home	Categ
5	H5AHOWN	h5ahown:w5 whether own home	Categ
6	H6AHOWN	h6ahown:w6 whether own home	Categ
7	H7AHOWN	h7ahown:w7 whether own home	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1AHOWN	12044	0.78	0.41	0.00	1.00
H2AHOWN	9414	0.80	0.40	0.00	1.00
H3AHOWN	9670	0.81	0.39	0.00	1.00
H4AHOWN	10961	0.82	0.38	0.00	1.00
H5AHOWN	10188	0.83	0.38	0.00	1.00
H6AHOWN	10513	0.83	0.38	0.00	1.00
H7AHOWN	9600	0.83	0.38	0.00	1.00

Categorical Variable Codes

Value	H1AHOWN	H2AHOWN	H3AHOWN	H4AHOWN	H5AHOWN	H6AHOWN	H7AHOWN
.d:DK	6	9	9	9	9	9	7
.m:Missing	44	9	92	78	77	79	57
.r:Refuse	5			2			2
0.don't own home	2616	1843	1841	1972	1782	1816	1657
1.own home	9428	7571	7829	8989	8406	8697	7943

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwAHOWN indicates whether the respondent and/or spouse owns their current residence, at least in part. As part of the housing module, the housing respondent is asked whether the current accommodation is owned, rented, or occupied and are given the following options: the current residence is owned outright, buying it with the help of a mortgage or loan, pay part rent and part mortgage, rent it, live here rent free, or squatting. A value of 0 indicates that the couple does not report owning a home, meaning they either rent (without also paying part of a mortgage), live there rent free, or are squatting. A value of 1 indicates that the couple does report owning a home, meaning they either own it outright, are buying it with a mortgage or loan, or pay rent and pay part of a mortgage. Don't know, refused, or other missing responses of HwAHOWN are assigned special missing codes .d, .r, .m, respectively. HwAHOWN is set to blank missing (.) if the respondent did not participate in the current wave.

HwAHOWN is derived at the benefit unit level using information about house ownership. Even though the question about home ownership refers to the whole household, HwAHOWN instead refers to the couple, a respondent and any spouse. This household to couple-level transformation is based on information collected in the original variables howhn01, howhn02, howhn03, howhn04 in wave 1, in the variables howhn01, howhn02, howhn03, howhn04, howhn05 in wave 2, and in the variables howh1, howh2, howh3, howh4, howh5, howh6, howh7, howh8, howh9, howh10, howh11, howh12 in wave 3 and forward.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

This variable is not available in the RAND HRS, but the same variable can be constructed from the HRS.

ELSA Variables Used

```
Wave 1 Core:
    HOTENU         in which of these ways does your household occupy this a
    HOWHN01        in whose name is the accommodation owned or rented (1st
    HOWHN02        in whose name is the accommodation owned or rented (2nd
    HOWHN03        in whose name is the accommodation owned or rented (3rd
    HOWHN04        in whose name is the accommodation owned or rented (4th
    IDAHHW1        analytical wave-specific household serial number
    PERID          person id (same as person number in household grid)
Wave 1 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 2 Core:
    HOTENU         tenure
    HOWHN01        in whose name is the accommodation owned or rented (1st
    HOWHN02        in whose name is the accommodation owned or rented (2nd
    HOWHN03        in whose name is the accommodation owned or rented (3rd
    HOWHN04        in whose name is the accommodation owned or rented (4th
    HOWHN05        in whose name is the accomodation owned or rented (5th m
    IDAHHW2        w2 household analytical serial number
    PERSNO         person number
Wave 2 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 3 Core:
    HOTENU         tenure
    HOWH1          in whose name is accomodation owned or rented - person 1
    HOWH10         in whose name is accomodation owned or rented - person 1
    HOWH11         in whose name is accomodation owned or rented - person 1
    HOWH12         in whose name is accomodation owned or rented - person 1
    HOWH2          in whose name is accomodation owned or rented - person 2
    HOWH3          in whose name is accomodation owned or rented - person 3
    HOWH4          in whose name is accomodation owned or rented - person 4
    HOWH5          in whose name is accomodation owned or rented - person 5
    HOWH6          in whose name is accomodation owned or rented - person 6
    HOWH7          in whose name is accomodation owned or rented - person 7
    HOWH8          in whose name is accomodation owned or rented - person 8
    HOWH9          in whose name is accomodation owned or rented - person 9
    IDAHHW3        w3 household analytical serial number
    PERID          person number in the household
Wave 3 Financial:
    COUPID         couple identifier - splits couples in institutions
Wave 4 Core:
    HOTENU         tenure
    HOWH1          in whose name is accomodation owned or rented - person 1
    HOWH10         in whose name is accomodation owned or rented - person 1
    HOWH11         in whose name is accomodation owned or rented - person 1
    HOWH12         in whose name is accomodation owned or rented - person 1
    HOWH2          in whose name is accomodation owned or rented - person 2
    HOWH3          in whose name is accomodation owned or rented - person 3
    HOWH4          in whose name is accomodation owned or rented - person 4
    HOWH5          in whose name is accomodation owned or rented - person 5
    HOWH6          in whose name is accomodation owned or rented - person 6
    HOWH7          in whose name is accomodation owned or rented - person 7
    HOWH8          in whose name is accomodation owned or rented - person 8
    HOWH9          in whose name is accomodation owned or rented - person 9
    IDAHHW4        analytical wave 4 household serial number
    PERID          household number (persno)
```

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Wave 4 Financial:
    COUPID          couple identifier - splits couples in institutions
Wave 5 Core:
    HOTENU          tenure
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW5         analytical wave 5 household serial number
    PERID           household number (persno)
Wave 5 Financial:
    COUPID          couple identifier - splits couples in institutions
Wave 6 Core:
    HOTENU          tenure
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW6         analytical wave 6 household serial number
    PERID           household number (persno)
Wave 6 Financial:
    COUPID          couple id - splits couples where one member in an instit
Wave 7 Core:
    HOTENU          tenure
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW7         analytical wave 7 household serial number
    PERID           person number (persno)
Wave 7 Financial:
    COUPID          couple id - splits couples where one member in an instit
```

Value of Primary Residence

Wave	Variable	Label	Type
1	H1AHOUS	h1ahous:w1 value of house/prim res	Cont
2	H2AHOUS	h2ahous:w2 value of house/prim res	Cont
3	H3AHOUS	h3ahous:w3 value of house/prim res	Cont
4	H4AHOUS	h4ahous:w4 value of house/prim res	Cont
5	H5AHOUS	h5ahous:w5 value of house/prim res	Cont
6	H6AHOUS	h6ahous:w6 value of house/prim res	Cont
7	H7AHOUS	h7ahous:w7 value of house/prim res	Cont
1	H1AFHOUS	h1afhous:w1 flag: value of house/prim res	Categ
2	H2AFHOUS	h2afhous:w2 flag: value of house/prim res	Categ
3	H3AFHOUS	h3afhous:w3 flag: value of house/prim res	Categ
4	H4AFHOUS	h4afhous:w4 flag: value of house/prim res	Categ
5	H5AFHOUS	h5afhous:w5 flag: value of house/prim res	Categ
6	H6AFHOUS	h6afhous:w6 flag: value of house/prim res	Categ
7	H7AFHOUS	h7afhous:w7 flag: value of house/prim res	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1AHOUS	12099	130430.23	145823.15	0.00	2500000.00
H2AHOUS	9432	180700.69	163040.45	0.00	2000000.00
H3AHOUS	9765	204995.07	194461.00	0.00	4500000.00
H4AHOUS	11037	209733.22	201511.02	0.00	4000000.00
H5AHOUS	10263	220858.90	223616.12	0.00	4000000.00
H6AHOUS	10591	226171.97	227721.97	0.00	4500000.00
H7AHOUS	9652	249058.49	254900.33	0.00	4000000.00
H1AFHOUS	12099	2.14	2.04	1.00	6.00
H2AFHOUS	9432	2.02	1.97	1.00	6.00
H3AFHOUS	9771	2.06	2.04	1.00	10.00
H4AFHOUS	11050	2.03	2.02	1.00	10.00
H5AFHOUS	10274	2.01	2.02	1.00	10.00
H6AFHOUS	10601	1.99	2.01	1.00	10.00
H7AFHOUS	9666	1.97	2.00	1.00	10.00

Categorical Variable Codes

Value	H1AFHOUS	H2AFHOUS	H3AFHOUS	H4AFHOUS	H5AFHOUS	H6AFHOUS	H7AFHOUS
1.continuous value	8942	7247	7488	8413	7901	8299	7632
2.closed range bracket	408	249	246	431	358	259	210
3.open range bracket	61	62	59	56	61	76	39
5.no value/bracket	171	95	133	161	129	103	94
6.no asset	2517	1779	1794	1921	1753	1789	1627
10.institutional interview			51	68	72	75	64

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwAHOUS is constructed using the derived variable (including imputations) hsvali_hh, which represents the value of primary house: How much would [youname[pnum]] expect to get for [hisher[pnum]] home if [heshe[pnum]] sold it today. Note that the original derived variables collect information at the household level. Thus, all members of the household receive the same value of the house, independently of

their house ownership status. Information is not collected for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module; 4) respondents in Wave 3 living in institutions. The net value of primary residence takes value “missing”, .m, in these cases. HwAHOUS is set to blank missing (.) if the respondent did not participate in the current wave.

HwAHOUS is then derived at the benefit unit level using information about house ownership. Even though the derived variable hsval_hh_i is a household-level variable, HwAHOUS instead refers to the couple, a respondent and any spouse. This household to couple-level transformation is based on information collected in the original variables howhn01, howhn02, howhn03, howhn04 in wave 1, in the variables howhn01, howhn02, howhn03, howhn04, howhn05 in wave 2, and in the variables howh1, howh2, howh3, howh4, howh5, howh6, howh7, howh8, howh9, howh10, howh11, howh12 in wave 3 and forward. Members of the couple are assigned the same value of the house while the value is divided by the number of couples owning the house in the case that multiple couples, living in the same household, share ownership. A flag variable, HwAFTOTHN, was created to indicate cases where such adjustment took place, please see "Section E: Financial and Housing Wealth: Net Value of Primary Residence" for more information.

HwAFHOUS is a flag variable based on the original flag variable hsval_hh_t, indicating response types for the market value of primary residence.

Cross Wave Differences in ELSA

The value of the primary residence is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include a confirmation check when a respondent reports expecting more than £500,000 from the sale of the house. Such a check is not included following Wave 2.

Differences with the RAND HRS

Value of primary residence in ELSA is measured in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

```
Wave 1 Core:
    HOWHN01        in whose name is the accommodation owned or rented (1st
    HOWHN02        in whose name is the accommodation owned or rented (2nd
    HOWHN03        in whose name is the accommodation owned or rented (3rd
    HOWHN04        in whose name is the accommodation owned or rented (4th
    IDAHHW1        analytical wave-specific household serial number
    PERID          person id (same as person number in household grid)
Wave 1 Financial:
    COUPID         couple identifier - splits couples in institutions
    HSVAL_HH_I     hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T     hh current value of primary house (hosellp) - imputation
Wave 2 Core:
    HOWHN01        in whose name is the accommodation owned or rented (1st
    HOWHN02        in whose name is the accommodation owned or rented (2nd
    HOWHN03        in whose name is the accommodation owned or rented (3rd
    HOWHN04        in whose name is the accommodation owned or rented (4th
    HOWHN05        in whose name is the accomodation owned or rented (5th m
    IDAHHW2        w2 household analytical serial number
    PERSNO         person number
Wave 2 Financial:
    COUPID         couple identifier - splits couples in institutions
    HSVAL_HH_I     hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T     hh current value of primary house (hosellp) - imputation
Wave 3 Core:
    HOWH1          in whose name is accomodation owned or rented - person 1
    HOWH10         in whose name is accomodation owned or rented - person 1
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    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW3         w3 household analytical serial number
    PERID           person number in the household
Wave 3 Financial:
    COUPID          couple identifier - splits couples in institutions
    HSVAL_HH_I      hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T      hh current value of primary house (hosellp) - imputation
Wave 4 Core:
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW4         analytical wave 4 household serial number
    PERID           household number (persno)
Wave 4 Financial:
    COUPID          couple identifier - splits couples in institutions
    HSVAL_HH_I      hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T      hh current value of primary house (hosellp) - imputation
Wave 5 Core:
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW5         analytical wave 5 household serial number
    PERID           household number (persno)
Wave 5 Financial:
    COUPID          couple identifier - splits couples in institutions
    HSVAL_HH_I      hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T      hh current value of primary house (hosellp) - imputation
Wave 6 Core:
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
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    HOWH6          in whose name is accomodation owned or rented - person 6
    HOWH7          in whose name is accomodation owned or rented - person 7
    HOWH8          in whose name is accomodation owned or rented - person 8
    HOWH9          in whose name is accomodation owned or rented - person 9
    IDAHHW6        analytical wave 6 household serial number
    PERID          household number (persno)
Wave 6 Financial:
    COUPID         couple id - splits couples where one member in an instit
    HSVAL_HH_I     hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T     hh current value of primary house (hosellp) - imputation
Wave 7 Core:
    HOWH1          in whose name is accomodation owned or rented - person 1
    HOWH10         in whose name is accomodation owned or rented - person 1
    HOWH11         in whose name is accomodation owned or rented - person 1
    HOWH12         in whose name is accomodation owned or rented - person 1
    HOWH2          in whose name is accomodation owned or rented - person 2
    HOWH3          in whose name is accomodation owned or rented - person 3
    HOWH4          in whose name is accomodation owned or rented - person 4
    HOWH5          in whose name is accomodation owned or rented - person 5
    HOWH6          in whose name is accomodation owned or rented - person 6
    HOWH7          in whose name is accomodation owned or rented - person 7
    HOWH8          in whose name is accomodation owned or rented - person 8
    HOWH9          in whose name is accomodation owned or rented - person 9
    IDAHHW7        analytical wave 7 household serial number
    PERID          person number (persno)
Wave 7 Financial:
    COUPID         couple id - splits couples where one member in an instit
    HSVAL_HH_I     hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T     hh current value of primary house (hosellp) - imputation
```

Value of Mortgages (Primary Residence)

Wave	Variable	Label	Type
1	H1AMORT	h1amort:w1 value of mortgage/prim res	Cont
2	H2AMORT	h2amort:w2 value of mortgage/prim res	Cont
3	H3AMORT	h3amort:w3 value of mortgage/prim res	Cont
4	H4AMORT	h4amort:w4 value of mortgage/prim res	Cont
5	H5AMORT	h5amort:w5 value of mortgage/prim res	Cont
6	H6AMORT	h6amort:w6 value of mortgage/prim res	Cont
7	H7AMORT	h7amort:w7 value of mortgage/prim res	Cont
1	H1AFMORT	h1afmort:w1 flag: value of mortgage/prim res	Categ
2	H2AFMORT	h2afmort:w2 flag: value of mortgage/prim res	Categ
3	H3AFMORT	h3afmort:w3 flag: value of mortgage/prim res	Categ
4	H4AFMORT	h4afmort:w4 flag: value of mortgage/prim res	Categ
5	H5AFMORT	h5afmort:w5 flag: value of mortgage/prim res	Categ
6	H6AFMORT	h6afmort:w6 flag: value of mortgage/prim res	Categ
7	H7AFMORT	h7afmort:w7 flag: value of mortgage/prim res	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1AMORT	12099	4987.31	20718.18	-146000.00	500000.00
H2AMORT	9432	5601.11	21995.43	-240000.00	400000.00
H3AMORT	9765	10715.08	53401.28	-335000.00	2008000.00
H4AMORT	11037	10794.02	54677.89	-291000.00	2500000.00
H5AMORT	10263	9731.88	48191.11	-53000.00	2250000.00
H6AMORT	10591	11538.98	46518.47	-212500.00	1125000.00
H7AMORT	9652	11333.88	47508.06	-57000.00	1125000.00
H1AFMORT	12099	4.90	2.01	1.00	7.00
H2AFMORT	9432	5.07	1.85	1.00	6.00
H3AFMORT	9771	4.93	2.04	1.00	10.00
H4AFMORT	11050	5.11	1.92	1.00	10.00
H5AFMORT	10274	5.19	1.89	1.00	10.00
H6AFMORT	10601	5.14	1.94	1.00	10.00
H7AFMORT	9666	5.22	1.86	1.00	10.00

Categorical Variable Codes

Value	H1AFMORT	H2AFMORT	H3AFMORT	H4AFMORT	H5AFMORT	H6AFMORT	H7AFMORT
1.continuous value	2210	1363	1907	1791	1612	1783	1481
2.closed range bracket	405	166	160	170	89	85	62
3.open range bracket	193	416	75	51	57	44	35
5.no value/bracket	43	28	298	339	65	74	60
6.no asset	9227	7459	7280	8631	8365	8526	7956
7.dk	21				14	14	8
10.institutional interview			51	68	72	75	64

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwAMORT is constructed using the derived variable (including imputations) hdebt_hh_i, which represents the value of outstanding primary housing debt. Note that the original derived variables collect information at the household level. Thus, all members of the household receive the same value of the

house, independently of their house ownership status. Information is not collected for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module; 4) respondents in Wave 3 living in institutions. The net value of primary residence takes value “missing”, .m, in these cases. HwAMORT is set to blank missing (.) if the respondent did not participate in the current wave.

People with negative mortgage debt are people who have an endowment mortgage. When households have an endowment mortgage, mortgage debt is calculated as mortgage debt minus the value of the endowment. It is therefore possible for people to have negative mortgage debt whenever the value of the endowment exceeds the amount of the loan. An endowment mortgage is a mortgage loan arranged on an interest-only basis where the capital is intended to be repaid by one or more (usually Low-Cost) endowment policies. The borrower has two separate agreements: One with the lender for the mortgage and one with the insurer for the endowment policy. The arrangements are distinct and the borrower can change either arrangement if they wish. In the past, the endowment policy was often taken as additional security by lender. That is, the lender applied a legal device to ensure the proceeds of the endowment were made payable to them rather than to the borrower; typically the policy is assigned to the lender. The customer pays only the interest on the capital borrowed, thus saving money with respect to an ordinary repayment loan; the borrower instead makes payments to an endowment policy. The objective is that the investment made through the endowment policy will be sufficient to repay the mortgage at the end of the term and possibly create a cash surplus.

The number of cases of negative mortgage debt observed in the data is probably higher than one would expect. Respondents might be unsure about how to answer the question and report the value of the loan net of the value of the endowment (ELSA does specify "not including the value of the endowment", but it is possible that this is not totally clear). Hence, the value of the endowment would be taken out twice. It is very difficult to collect information about the value of mortgage debt for people with endowment mortgages and this is also an issue with other surveys.

HwAMORT is then derived at the benefit unit level using information about house ownership. Even though the derived variable hdebt_hh_i is a household-level variable, HwAMORT instead refers to the couple, a respondent and any spouse. This household to couple-level transformation is based on information collected in the original variables howhn01, howhn02, howhn03, howhn04 in wave 1, in the variables howhn01, howhn02, howhn03, howhn04, howhn05 in wave 2, and in the variables howh1, howh2, howh3, howh4, howh5, howh6, howh7, howh8, howh9, howh10, howh11, howh12 in wave 3 and forward. Members of the couple are assigned the same value of the house while the value is divided by the number of couples owning the house in the case that multiple couples, living in the same household, share ownership. A flag variable, HwAFTOTHN, was created to indicate cases where such adjustment took place, please see "Section E: Financial and Housing Wealth: Net Value of Primary Residence" for more information.

HwAFMORT is a flag variable based on the original flag variable hdebt_hh_t, indicating response types for the outstanding debt of primary residence.

Cross Wave Differences in ELSA

The value of outstanding primary housing debt is asked at each wave. Questions reveal the existence of up to five mortgages and loans as well as the amount currently owed on each of these mortgages or loans. In addition, information about the current value of endowments is also asked. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include a confirmation check when a respondent reports owing more than £500,000. Such a check is not included following wave 2.

Differences with the RAND HRS

Value of outstanding primary housing debt in ELSA is measured in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

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Wave 1 Core:
    HOWHN01        in whose name is the accommodation owned or rented (1st
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    HOWHN02         in whose name is the accommodation owned or rented (2nd
    HOWHN03         in whose name is the accommodation owned or rented (3rd
    HOWHN04         in whose name is the accommodation owned or rented (4th
    IDAHHW1         analytical wave-specific household serial number
    PERID           person id (same as person number in household grid)
Wave 1 Financial:
    COUPID          couple identifier - splits couples in institutions
    HDEBT_HH_I      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
Wave 2 Core:
    HOWHN01         in whose name is the accommodation owned or rented (1st
    HOWHN02         in whose name is the accommodation owned or rented (2nd
    HOWHN03         in whose name is the accommodation owned or rented (3rd
    HOWHN04         in whose name is the accommodation owned or rented (4th
    HOWHN05         in whose name is the accomodation owned or rented (5th m
    IDAHHW2         w2 household analytical serial number
    PERSNO          person number
Wave 2 Financial:
    COUPID          couple identifier - splits couples in institutions
    HDEBT_HH_I      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
Wave 3 Core:
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW3         w3 household analytical serial number
    PERID           person number in the household
Wave 3 Financial:
    COUPID          couple identifier - splits couples in institutions
    HDEBT_HH_I      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
Wave 4 Core:
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW4         analytical wave 4 household serial number
    PERID           household number (persno)
Wave 4 Financial:
    COUPID          couple identifier - splits couples in institutions
    HDEBT_HH_I      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
Wave 5 Core:
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
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    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW5         analytical wave 5 household serial number
    PERID           household number (persno)
Wave 5 Financial:
    COUPID          couple identifier - splits couples in institutions
    HDEBT_HH_I      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
Wave 6 Core:
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW6         analytical wave 6 household serial number
    PERID           household number (persno)
Wave 6 Financial:
    COUPID          couple id - splits couples where one member in an instit
    HDEBT_HH_I      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
Wave 7 Core:
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW7         analytical wave 7 household serial number
    PERID           person number (persno)
Wave 7 Financial:
    COUPID          couple id - splits couples where one member in an instit
    HDEBT_HH_I      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
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Net Value of Primary Residence

Wave	Variable	Label	Type
1	H1ATOTH	h1atoth:w1 net value of house/prim res	Cont
2	H2ATOTH	h2atoth:w2 net value of house/prim res	Cont
3	H3ATOTH	h3atoth:w3 net value of house/prim res	Cont
4	H4ATOTH	h4atoth:w4 net value of house/prim res	Cont
5	H5ATOTH	h5atoth:w5 net value of house/prim res	Cont
6	H6ATOTH	h6atoth:w6 net value of house/prim res	Cont
7	H7ATOTH	h7atoth:w7 net value of house/prim res	Cont
1	H1AFTOTH	h1aftoth:w1 flag: net value of house/prim res	Categ
2	H2AFTOTH	h2aftoth:w2 flag: net value of house/prim res	Categ
3	H3AFTOTH	h3aftoth:w3 flag: net value of house/prim res	Categ
4	H4AFTOTH	h4aftoth:w4 flag: net value of house/prim res	Categ
5	H5AFTOTH	h5aftoth:w5 flag: net value of house/prim res	Categ
6	H6AFTOTH	h6aftoth:w6 flag: net value of house/prim res	Categ
7	H7AFTOTH	h7aftoth:w7 flag: net value of house/prim res	Categ
1	H1AFTOTHN	h1aftothn:w1 flag: multiple couple home ownership	Categ
2	H2AFTOTHN	h2aftothn:w2 flag: multiple couple home ownership	Categ
3	H3AFTOTHN	h3aftothn:w3 flag: multiple couple home ownership	Categ
4	H4AFTOTHN	h4aftothn:w4 flag: multiple couple home ownership	Categ
5	H5AFTOTHN	h5aftothn:w5 flag: multiple couple home ownership	Categ
6	H6AFTOTHN	h6aftothn:w6 flag: multiple couple home ownership	Categ
7	H7AFTOTHN	h7aftothn:w7 flag: multiple couple home ownership	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1ATOTH	12099	125442.92	142333.47	-108000.00	2491500.00
H2ATOTH	9432	175099.58	160580.70	-130000.00	2000000.00
H3ATOTH	9765	194280.00	192894.92	-1608000.00	4440000.00
H4ATOTH	11037	198939.20	191300.24	-450000.00	3500000.00
H5ATOTH	10263	211127.02	216176.63	-800000.00	4000000.00
H6ATOTH	10591	214632.99	218881.38	-25000.00	4500000.00
H7ATOTH	9652	237724.62	246717.20	-220000.00	4000000.00
H1AFTOTH	12099	2.21	2.04	1.00	7.00
H2AFTOTH	9432	2.13	1.97	1.00	6.00
H3AFTOTH	9771	2.19	2.08	1.00	10.00
H4AFTOTH	11050	2.16	2.06	1.00	10.00
H5AFTOTH	10274	2.06	2.03	1.00	10.00
H6AFTOTH	10601	2.03	2.03	1.00	10.00
H7AFTOTH	9666	2.00	2.01	1.00	10.00
H1AFTOTHN	12099	0.01	0.07	0.00	1.00
H2AFTOTHN	9432	0.00	0.06	0.00	1.00
H3AFTOTHN	9725	0.00	0.07	0.00	1.00
H4AFTOTHN	10994	0.00	0.07	0.00	1.00
H5AFTOTHN	10213	0.01	0.07	0.00	1.00
H6AFTOTHN	10535	0.00	0.06	0.00	1.00
H7AFTOTHN	9615	0.00	0.07	0.00	1.00

Categorical Variable Codes

Value	H1AFTOTH	H2AFTOTH	H3AFTOTH	H4AFTOTH	H5AFTOTH	H6AFTOTH	H7AFTOTH
1.continuous value	8366	6677	7041	7918	7724	8118	7498

2.closed range bracket	785	394	371	578	423	322	261
3.open range bracket	224	459	126	102	112	114	70
5.no value/bracket	186	123	388	463	178	169	138
6.no asset	2517	1779	1794	1921	1751	1789	1627
7.dk	21				14	14	8
10.institutional interview			51	68	72	75	64

Value	H1AFTOTHN	H2AFTOTHN	H3AFTOTHN	H4AFTOTHN	H5AFTOTHN	H6AFTOTHN	H7AFTOTHN
.m:Missing			46	56	61	66	51
0.not more than one couple	12034	9395	9683	10941	10161	10491	9567
1.more than one couple	65	37	42	53	52	44	48

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwATOTH is constructed using the derived variables (including imputations) hsval_hh_i, which represents the value of primary house: How much would [youname[pnum]] expect to get for [hisher[pnum]] home if [heshe[pnum]] sold it today?, and hdebt_hh_i, which represents the value of outstanding primary housing debt. Note that the original derived variables collect information at the household level. Thus, all members of the household receive the same value of the house, independently of their house ownership status. Information is not collected for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module; 4) respondents in Wave 3 living in institutions. The net value of primary residence takes value “missing”, .m, in these cases. HwATOTH is set to blank missing (.) if the respondent did not participate in the current wave.

People with negative mortgage debt are people who have an endowment mortgage. When households have an endowment mortgage, mortgage debt is calculated as mortgage debt minus the value of the endowment. It is therefore possible for people to have negative mortgage debt whenever the value of the endowment exceeds the amount of the loan. An endowment mortgage is a mortgage loan arranged on an interest-only basis where the capital is intended to be repaid by one or more (usually Low-Cost) endowment policies. The borrower has two separate agreements: One with the lender for the mortgage and one with the insurer for the endowment policy. The arrangements are distinct and the borrower can change either arrangement if they wish. In the past, the endowment policy was often taken as additional security by lender. That is, the lender applied a legal device to ensure the proceeds of the endowment were made payable to them rather than to the borrower; typically the policy is assigned to the lender. The customer pays only the interest on the capital borrowed, thus saving money with respect to an ordinary repayment loan; the borrower instead makes payments to an endowment policy. The objective is that the investment made through the endowment policy will be sufficient to repay the mortgage at the end of the term and possibly create a cash surplus.

The number of cases of negative mortgage debt observed in the data is probably higher than one would expect. Respondents might be unsure about how to answer the question and report the value of the loan net of the value of the endowment (ELSA does specify "not including the value of the endowment", but it is possible that this is not totally clear). Hence, the value of the endowment would be taken out twice. It is very difficult to collect information about the value of mortgage debt for people with endowment mortgages and this is also an issue with other surveys.

HwATOTH is then derived at the benefit unit level using information about house ownership. Even though the derived variables hsval_hh_i and hdebt_hh_i are household-level variables, HwATOTH instead refers to the couple, a respondent and any spouse. This household to couple-level transformation is based on information collected in the original variables howhn01, howhn02, howhn03, howhn04 in wave 1, in the variables howhn01, howhn02, howhn03, howhn04, howhn05 in wave 2, and in the variables howh1, howh2, howh3, howh4, howh5, howh6, howh7, howh8, howh9, howh10, howh11, howh12 in wave 3 and forward. Members of the couple are assigned the same value of the house while the value is divided by the number of couples owning the house in the case that multiple couples, living in the same household, share ownership. HwAFTOTHN is a flag variable indicating whether the house is owned by more than one couple. A value of 1 indicates that more than one financial unit or couple own the house together, and that the value of the house was derived by dividing the reported value by the number of couples owning the house. The net value of primary housing is calculated as adjusted house value at the benefit unit level minus the outstanding adjusted primary debt at the benefit unit level.

The net value of primary housing is calculated as adjusted house value at the benefit unit level minus the outstanding adjusted primary debt at the benefit unit level.

HwAFTOTH is a flag variable based on the original flag variables (hsval_hh_t and hdebt_hh_t), indicating response types for the market value of primary residence and outstanding debt of primary residence.

Cross Wave Differences in ELSA

The value of the primary residence is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include a confirmation check when a respondent reports expecting more than £500,000 from the sale of the house. Such a check is not included following Wave 2.

The value of outstanding primary housing debt is asked at each wave. Questions reveal the existence of up to five mortgages and loans as well as the amount currently owed on each of these mortgages or loans. In addition, information about the current value of endowments is also asked. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include a confirmation check when a respondent reports owing more than £500,000. Such a check is not included following wave 2.

Differences with the RAND HRS

Net value of primary residence in ELSA is measured in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

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Wave 1 Core:
    HOWHN01        in whose name is the accommodation owned or rented (1st
    HOWHN02        in whose name is the accommodation owned or rented (2nd
    HOWHN03        in whose name is the accommodation owned or rented (3rd
    HOWHN04        in whose name is the accommodation owned or rented (4th
    IDAHHW1        analytical wave-specific household serial number
    PERID          person id (same as person number in household grid)
Wave 1 Financial:
    COUPID         couple identifier - splits couples in institutions
    HDEBT_HH_I     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HSVAL_HH_I     hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T     hh current value of primary house (hosellp) - imputation
Wave 2 Core:
    HOWHN01        in whose name is the accommodation owned or rented (1st
    HOWHN02        in whose name is the accommodation owned or rented (2nd
    HOWHN03        in whose name is the accommodation owned or rented (3rd
    HOWHN04        in whose name is the accommodation owned or rented (4th
    HOWHN05        in whose name is the accomodation owned or rented (5th m
    IDAHHW2        w2 household analytical serial number
    PERSNO         person number
Wave 2 Financial:
    COUPID         couple identifier - splits couples in institutions
    HDEBT_HH_I     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HSVAL_HH_I     hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T     hh current value of primary house (hosellp) - imputation
Wave 3 Core:
    HOWH1          in whose name is accomodation owned or rented - person 1
    HOWH10         in whose name is accomodation owned or rented - person 1
    HOWH11         in whose name is accomodation owned or rented - person 1
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    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW3         w3 household analytical serial number
    PERID           person number in the household
Wave 3 Financial:
    COUPID          couple identifier - splits couples in institutions
    HDEBT_HH_I      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HSVAL_HH_I      hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T      hh current value of primary house (hosellp) - imputation
Wave 4 Core:
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW4         analytical wave 4 household serial number
    PERID           household number (persno)
Wave 4 Financial:
    COUPID          couple identifier - splits couples in institutions
    HDEBT_HH_I      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HSVAL_HH_I      hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T      hh current value of primary house (hosellp) - imputation
Wave 5 Core:
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW5         analytical wave 5 household serial number
    PERID           household number (persno)
Wave 5 Financial:
    COUPID          couple identifier - splits couples in institutions
    HDEBT_HH_I      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HSVAL_HH_I      hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T      hh current value of primary house (hosellp) - imputation
Wave 6 Core:
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
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    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW6         analytical wave 6 household serial number
    PERID           household number (persno)
Wave 6 Financial:
    COUPID          couple id - splits couples where one member in an instit
    HDEBT_HH_I      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HSVAL_HH_I      hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T      hh current value of primary house (hosellp) - imputation
Wave 7 Core:
    HOWH1           in whose name is accomodation owned or rented - person 1
    HOWH10          in whose name is accomodation owned or rented - person 1
    HOWH11          in whose name is accomodation owned or rented - person 1
    HOWH12          in whose name is accomodation owned or rented - person 1
    HOWH2           in whose name is accomodation owned or rented - person 2
    HOWH3           in whose name is accomodation owned or rented - person 3
    HOWH4           in whose name is accomodation owned or rented - person 4
    HOWH5           in whose name is accomodation owned or rented - person 5
    HOWH6           in whose name is accomodation owned or rented - person 6
    HOWH7           in whose name is accomodation owned or rented - person 7
    HOWH8           in whose name is accomodation owned or rented - person 8
    HOWH9           in whose name is accomodation owned or rented - person 9
    IDAHHW7         analytical wave 7 household serial number
    PERID           person number (persno)
Wave 7 Financial:
    COUPID          couple id - splits couples where one member in an instit
    HDEBT_HH_I      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T      hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HSVAL_HH_I      hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T      hh current value of primary house (hosellp) - imputation
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Net Value of Non-Housing Financial Wealth

Wave	Variable	Label	Type
1	H1ATOTF	h1atotf:w1 non-housing financial wealth	Cont
2	H2ATOTF	h2atotf:w2 non-housing financial wealth	Cont
3	H3ATOTF	h3atotf:w3 non-housing financial wealth	Cont
4	H4ATOTF	h4atotf:w4 non-housing financial wealth	Cont
5	H5ATOTF	h5atotf:w5 non-housing financial wealth	Cont
6	H6ATOTF	h6atotf:w6 non-housing financial wealth	Cont
7	H7ATOTF	h7atotf:w7 non-housing financial wealth	Cont
1	H1AFTOTF	h1aftotf:w1 flag: non-housing financial wealth	Categ
2	H2AFTOTF	h2aftotf:w2 flag: non-housing financial wealth	Categ
3	H3AFTOTF	h3aftotf:w3 flag: non-housing financial wealth	Categ
4	H4AFTOTF	h4aftotf:w4 flag: non-housing financial wealth	Categ
5	H5AFTOTF	h5aftotf:w5 flag: non-housing financial wealth	Categ
6	H6AFTOTF	h6aftotf:w6 flag: non-housing financial wealth	Categ
7	H7AFTOTF	h7aftotf:w7 flag: non-housing financial wealth	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1ATOTF	11891	42685.29	116605.37	-159200.00	3296064.00
H2ATOTF	9310	54548.55	163764.88	-72000.00	6840000.00
H3ATOTF	9523	60611.11	168241.55	-87000.00	3631500.00
H4ATOTF	10755	74777.92	245198.39	-112000.00	6966010.00
H5ATOTF	10043	74668.12	175717.08	-109800.00	4655100.00
H6ATOTF	10362	89670.65	305521.37	-87434.00	11700000.00
H7ATOTF	9417	91942.55	233793.52	-89997.00	7480994.00
H1AFTOTF	12099	2.14	1.92	1.00	9.00
H2AFTOTF	9432	1.94	1.80	1.00	9.00
H3AFTOTF	9771	2.10	2.07	1.00	10.00
H4AFTOTF	11050	2.15	2.09	1.00	10.00
H5AFTOTF	10274	2.07	2.03	1.00	10.00
H6AFTOTF	10601	2.13	2.07	1.00	10.00
H7AFTOTF	9666	2.17	2.13	1.00	10.00

Categorical Variable Codes

Value	H1AFTOTF	H2AFTOTF	H3AFTOTF	H4AFTOTF	H5AFTOTF	H6AFTOTF	H7AFTOTF
1.continuous value	7470	6581	6798	7413	7156	7336	6657
2.closed range bracket	2009	1107	959	1203	982	877	752
3.open range bracket	227	164	173	306	258	315	276
5.no value/bracket	1490	1025	975	1134	1066	1158	1104
6.no asset	419	260	236	248	179	240	189
7.dk	276	173	382	451	402	436	439
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwATOTF is based on information from the derived variables (including imputations):

save_bu_i represents the total amount that the respondent and husband/wife/partner have in savings at the bank, building society or elsewhere, including imputations.

tessa_bu_i represents the total amount that the respondent and husband/wife/partner have in their TESSA (Tax Exempt Special Saving Account), including imputations.

cashisa_bu_i represents the total amount that the respondent and husband/wife/partner have in the cash components of their ISA(s) (A tax efficient saving plan that allows individuals in the UK to invest in a number of different ways: cash (including National Savings), Life Insurance and Equity Investments (unit trusts, OEICS, investment trusts, shares, etc.)), including imputations.

shisa_bu_i represents the total value of the stocks and shares component of the respondent and husband's/wife's/partner's ISA(s), including imputations.

prbonds_bu_i represents the total amount that the respondent and husband/wife/partner have in premium bonds, including imputations.

nsav_bu_i represents the total amount that the respondent and husband/wife/partner have in National Savings Accounts or Certificates, including imputations.

pep_bu_i represents the net value of the respondent's and husband's/wife's/partner's Personal Equity Plan(s) (An investment plan in the UK that allows people over the age of 18 to invest in shares of UK companies), including imputations.

shares_bu_i represents the total value of the respondent's and husband's/wife's/partner's stocks and shares, including imputations.

trusts_bu_i represents the total value of the respondent's and husband's/wife's/partner's trusts or Investment trusts, including imputations.

bonds_bu_i represents the total value of the respondent's and husband's/wife's/partner's bonds and gilts, including imputations.

othsav_bu_i represents the total amount that the respondent and husband/wife/partner have in other savings and investments, including imputations.

jntass_bu_i represents the respondent's share of joint savings, investments, property or other assets that are held jointly with the husband/wife/partner, for those couples who keep their finances separate.

ccard_bu_i represents the outstanding balance on credit cards or store cards after the last monthly payment was made, including imputations.

prdebt_bu_i represents the total amount that the respondent and husband/wife/partner owe to friends, relatives, or other private individuals, including imputations.

odebt_bu_i represents the total amount that the respondent and husband/wife/partner owe in: hire purchase agreements, personal loans (from bank, building society or other financial institutions), overdraft, catalogue or mail order purchase agreements, DSS Social fund loan or Loan from a money lender or "tally man", including imputations.

HwATOTF is derived at the "benefit unit" level. In ELSA, this is a couple or a single person with any dependent children they may have. Therefore, the information reported is combined for those couples keeping finances separately in order to obtain a benefit unit definition. Imputations were not obtained for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module. The different variables take value -3 in these cases. We recoded these cases to a missing indicator, .m. HwATOTF is set to blank missing (.) if the respondent did not participate in the current wave.

The net value of non-housing debt is computed as the sum of the appropriate wealth components less debt:

(save_bu_i+ tessa_bu_i+ cashisa_bu_i+ shisa_bu_i+ prbonds_bu_i+ nsav_bu_i+ pep_bu_i+ shares_bu_i+ trusts_bu_i+ bonds_bu_i+ othsav_bu_i+ jntass_bu_i - ccard_bu_i - prdebt_bu_i - odebt_bu_i)

HwAFTOTF is a flag variable based on the original flag variables (save_bu_t, tessa_bu_t, cashisa_bu_t, shisa_bu_t, prbonds_bu_t, nsav_bu_t, pep_bu_t, shares_bu_t, trusts_bu_t, bonds_bu_t, othsav_bu_t, jntass_bu_t, ccard_bu_t, prdebt_bu_t, odebt_bu_t), indicating response types for the market value of non-housing financial wealth.

Note: This total does NOT include the value of life insurances or pension plans, nor does it include the value of any real estate, vehicles, or businesses.

Cross Wave Differences in ELSA

The net value of current and savings account is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include an interviewer check when a respondent reports having more than £200,000 in their National Savings Accounts or Certificates. Wave 1 and 2 also include an interviewer check when a respondent reports having more than £300,000 in their current savings account. These checks are not included in the waves following Wave 2.

The net value of bonds is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include an interviewer check when a respondent reports expecting to receive more than £200,000 from the sale of their bonds and gilts. Wave 1 and 2 also include an interviewer check when a respondent reports having more than £10,000 in premium bonds. These checks are not included in the waves following Wave 2.

The net value of ISA, PEPS, and TESSA is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include an interviewer check when a respondent reports having more than £40,000 in the cash component of their ISA or more than £100,000 in the stock and share component of their ISA. Wave 1 and 2 also include an interviewer check when a respondent reports expecting to receive more than £200,000 from the sale of their personal equity plan(s). Wave 1 and 2 also include an interviewer check when a respondent reports having more than £100,000 in their TESSA account(s). These checks are not included in the waves following Wave 2.

The net value of other debt is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include an interviewer check when a respondent reports having an outstanding balance on their credit or store cards larger than £50,000. Wave 1 and 2 also include an interviewer check when a respondent reports owing more than £50,000 on other loans and debt. Wave 1 and 2 also include an interviewer check when a respondent reports owing more than £50,000 to friends or relatives. These checks are not included in the waves following Wave 2.

The value of other savings or investments is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include an interviewer check when a respondent reports having an outstanding balance on their credit or store cards larger than £50,000. Wave 1 and 2 also include an interviewer check when a respondent reports owing more than £50,000 on other loans and debt. Wave 1 and 2 also include an interviewer check when a respondent reports having more than £200,000 in other savings or investments. These checks are not included in the waves following Wave 2.

Differences with the RAND HRS

Net value of non-housing financial wealth in ELSA is measured in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

Wave 1 Financial:

BONDS_BU_I	bu bonds and gilts (iabg) - value (incl. imputed values)
BONDS_BU_T	bu bonds and gilts (iabg) - imputation flag
CASHISA_BU_I	bu cash isa (iacisa) - value (incl. imputed values)

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    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    JNTASS_BU_I    bu joint assets (sep fin couples) (iaam) - value (incl.
    JNTASS_BU_T    bu joint assets (sep fin couples) (iaam) - imputation fl
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    OTHSAV_BU_I    bu other savings and investments (iasio) - value (incl.
    OTHSAV_BU_T    bu other savings and investments (iasio) - imputation fl
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 2 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    JNTASS_BU_I    bu joint assets (sep fin couples) (iaam) - value (incl.
    JNTASS_BU_T    bu joint assets (sep fin couples) (iaam) - imputation fl
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    OTHSAV_BU_I    bu other savings and investments (iasio) - value (incl.
    OTHSAV_BU_T    bu other savings and investments (iasio) - imputation fl
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 3 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
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    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    JNTASS_BU_I    bu joint assets (sep fin couples) (iaam) - value (incl.
    JNTASS_BU_T    bu joint assets (sep fin couples) (iaam) - imputation fl
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    OTHSAV_BU_I    bu other savings and investments (iasio) - value (incl.
    OTHSAV_BU_T    bu other savings and investments (iasio) - imputation fl
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 4 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    JNTASS_BU_I    bu joint assets (sep fin couples) (iaam) - value (incl.
    JNTASS_BU_T    bu joint assets (sep fin couples) (iaam) - imputation fl
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    OTHSAV_BU_I    bu other savings and investments (iasio) - value (incl.
    OTHSAV_BU_T    bu other savings and investments (iasio) - imputation fl
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 5 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
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    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    JNTASS_BU_I    bu joint assets (sep fin couples) (iaam) - value (incl.
    JNTASS_BU_T    bu joint assets (sep fin couples) (iaam) - imputation fl
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    OTHSAV_BU_I    bu other savings and investments (iasio) - value (incl.
    OTHSAV_BU_T    bu other savings and investments (iasio) - imputation fl
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 6 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    JNTASS_BU_I    bu joint assets (sep fin couples) (iaam) - value (incl.
    JNTASS_BU_T    bu joint assets (sep fin couples) (iaam) - imputation fl
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    OTHSAV_BU_I    bu other savings and investments (iasio) - value (incl.
    OTHSAV_BU_T    bu other savings and investments (iasio) - imputation fl
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 7 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
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JNTASS_BU_I	bu joint assets (sep fin couples) (iaam) - value (incl.
JNTASS_BU_T	bu joint assets (sep fin couples) (iaam) - imputation fl
NSAV_BU_I	bu national savings a/cs (ians) - value (incl. imputed v
NSAV_BU_T	bu national savings a/cs (ians) - imputation flag
ODEBT_BU_I	bu other loans and debt (ialoam) - value (incl. imputed
ODEBT_BU_T	bu other loans and debt (ialoam) - imputation flag
OTHSAV_BU_I	bu other savings and investments (iasio) - value (incl.
OTHSAV_BU_T	bu other savings and investments (iasio) - imputation fl
PEP_BU_I	bu peps (iaip) - value (incl. imputed values)
PEP_BU_T	bu peps (iaip) - imputation flag
PRBONDS_BU_I	bu premium bonds (ianpb) - value (incl. imputed values)
PRBONDS_BU_T	bu premium bonds (ianpb) - imputation flag
PRDEBT_BU_I	bu private debt (iaowem) - value (incl. imputed values)
PRDEBT_BU_T	bu private debt (iaowem) - imputation flag
SAVE_BU_I	bu current/savings a/cs (iasava) - value (incl. imputed
SAVE_BU_T	bu current/savings a/cs (iasava) - imputation flag
SHARES_BU_I	bu shares (iasss) - value (incl. imputed values)
SHARES_BU_T	bu shares (iasss) - imputation flag
SHISA_BU_I	bu shares isa (iasisa) - value (incl. imputed values)
SHISA_BU_T	bu shares isa (iasisa) - imputation flag
TESSA_BU_I	bu tessa (iati) - value (incl. imputed values)
TESSA_BU_T	bu tessa (iati) - imputation flag
TRUSTS_BU_I	bu trusts (iauit) - value (incl. imputed values)
TRUSTS_BU_T	bu trusts (iauit) - imputation flag

Total Family Wealth

Wave	Variable	Label	Type
1	H1ATOTB	h1atotb:w1 total all assets inc. 2nd hm	Cont
2	H2ATOTB	h2atotb:w2 total all assets inc. 2nd hm	Cont
3	H3ATOTB	h3atotb:w3 total all assets inc. 2nd hm	Cont
4	H4ATOTB	h4atotb:w4 total all assets inc. 2nd hm	Cont
5	H5ATOTB	h5atotb:w5 total all assets inc. 2nd hm	Cont
6	H6ATOTB	h6atotb:w6 total all assets inc. 2nd hm	Cont
7	H7ATOTB	h7atotb:w7 total all assets inc. 2nd hm	Cont
1	H1AFTOTB	h1aftotb:w1 flag total all assets inc. 2nd hm	Categ
2	H2AFTOTB	h2aftotb:w2 flag total all assets inc. 2nd hm	Categ
3	H3AFTOTB	h3aftotb:w3 flag total all assets inc. 2nd hm	Categ
4	H4AFTOTB	h4aftotb:w4 flag total all assets inc. 2nd hm	Categ
5	H5AFTOTB	h5aftotb:w5 flag total all assets inc. 2nd hm	Categ
6	H6AFTOTB	h6aftotb:w6 flag total all assets inc. 2nd hm	Categ
7	H7AFTOTB	h7aftotb:w7 flag total all assets inc. 2nd hm	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1ATOTB	11891	206911.11	382144.96	-97000.00	10380700.00
H2ATOTB	9310	263546.71	392138.15	-126990.00	9319227.00
H3ATOTB	9523	300883.00	526783.19	-1578980.00	20818008.00
H4ATOTB	10755	331668.35	684661.28	-337330.00	39260152.00
H5ATOTB	10043	335452.48	471210.08	-436410.00	10598000.00
H6ATOTB	10362	367381.47	698911.20	-56772.00	20583000.00
H7ATOTB	9417	406451.95	767556.67	-220000.00	35566000.00
H1AFTOTB	12099	2.46	2.15	1.00	9.00
H2AFTOTB	9432	2.31	2.07	1.00	9.00
H3AFTOTB	9771	2.53	2.36	1.00	10.00
H4AFTOTB	11050	2.69	2.44	1.00	10.00
H5AFTOTB	10274	2.60	2.43	1.00	10.00
H6AFTOTB	10601	2.68	2.48	1.00	10.00
H7AFTOTB	9666	2.75	2.54	1.00	10.00

Categorical Variable Codes

Value	H1AFTOTB	H2AFTOTB	H3AFTOTB	H4AFTOTB	H5AFTOTB	H6AFTOTB	H7AFTOTB
1.continuous value	6506	5678	5931	6271	6213	6346	5778
2.closed range bracket	2341	1233	1081	1356	1062	949	774
3.open range bracket	364	509	228	310	276	334	273
5.no value/bracket	1448	1042	1106	1263	993	1029	960
6.no asset	283	147	140	145	111	139	108
7.dk	949	701	1037	1410	1388	1565	1524
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

General Comments:

All financial variables are denominated in nominal pounds.

How Constructed

HwATOTB is based on information from:

Net value of primary residence, as described previously.

Net value of business, as described previously.

Net value of non-housing financial wealth, as described previously.

This variable is also based on information from the derived variables (including imputations):

home_bu_i is the net value of the secondary home residence and other property after paying all the debts, imputation values included.

tothass_bu_i is the total value of other physical assets for those reporting having other land, money owed by others, a trust, a covenant or inheritance, or other assets.

All the components of this variable are constructed at the benefit unit level. In ELSA, this is a couple or a single person with any dependent children they may have. Therefore, the information reported is combined for those couples keeping finances separately in order to obtain a benefit unit definition. Imputations were not obtained for respondents whose spouses did not respond to the survey. This includes members of couples who keep finances separately but for whom data for the couple is not available, as well as non-sample members whose spouses (who are sample members) do not respond. These cases are coded as missing, .m. HwATOTB is set to blank missing (.) if the respondent did not participate in the current wave.

Total family wealth is then constructed as the sum of the different wealth components: (Net value of primary residence + Net value of business + Net value of non-housing financial wealth + home_bu_i + tohass_bu_i)

HwAFTOTB is a flag variable based on the original flag variables (previously defined haftoth, hafbsns, and h1aftotf, as well as home_bu_t, tothass_bu_t), indicating response types for the components of total family wealth.

Cross Wave Differences in ELSA

Net value of primary residence, net value of business, and net value of non-housing financial wealth are constructed as defined previously.

Net value of the secondary home residence or holiday home after paying all the debts is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include a confirmation check when a respondent reports expecting more than £500,000 from the sale of the house. Such a check is not included following Wave 2.

Value of other physical assets is asked at each wave for those reporting having other land, money owed by others, a trust, a covenant or inheritance, or other assets. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Wave 1 and 2 include a confirmation check when a respondent reports expecting more than £2,000,000 from the sale of the physical asset. Such a check is not included following Wave 2.

Differences with the RAND HRS

HwATOTB in the Harmonized ELSA does not include the value of vehicles, whereas HwATOTB in the RAND HRS does incldue the net value of vehicles.

Total family wealth in ELSA is measured in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

Wave 1 Core:
    HOWHN01   in whose name is the accommodation owned or rented (1st

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    HOWHN02        in whose name is the accommodation owned or rented (2nd
    HOWHN03        in whose name is the accommodation owned or rented (3rd
    HOWHN04        in whose name is the accommodation owned or rented (4th
    IDAHHW1        analytical wave-specific household serial number
    PERID          person id (same as person number in household grid)
Wave 1 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
    HDEBT_HH_I     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
    HOME_BU_T      bu 2nd home and oth property (iahome) - imputation flag
    HSVAL_HH_I     hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T     hh current value of primary house (hosellp) - imputation
    JNTASS_BU_I    bu joint assets (sep fin couples) (iaam) - value (incl.
    JNTASS_BU_T    bu joint assets (sep fin couples) (iaam) - imputation fl
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
    OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
    OTHSAV_BU_I    bu other savings and investments (iasio) - value (incl.
    OTHSAV_BU_T    bu other savings and investments (iasio) - imputation fl
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
    TOTHASS_BU_I   bu total other physical assets (iaoasa) - value (incl. i
    TOTHASS_BU_T   bu total other physical assets (iaoasa) - imputation fla
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 2 Core:
    HOWHN01        in whose name is the accommodation owned or rented (1st
    HOWHN02        in whose name is the accommodation owned or rented (2nd
    HOWHN03        in whose name is the accommodation owned or rented (3rd
    HOWHN04        in whose name is the accommodation owned or rented (4th
    HOWHN05        in whose name is the accomodation owned or rented (5th m
    IDAHHW2        w2 household analytical serial number
    PERSNO         person number
Wave 2 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
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    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
    HDEBT_HH_I     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
    HOME_BU_T      bu 2nd home and oth property (iahome) - imputation flag
    HSVAL_HH_I     hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T     hh current value of primary house (hosellp) - imputation
    JNTASS_BU_I    bu joint assets (sep fin couples) (iaam) - value (incl.
    JNTASS_BU_T    bu joint assets (sep fin couples) (iaam) - imputation fl
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
    OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
    OTHSAV_BU_I    bu other savings and investments (iasio) - value (incl.
    OTHSAV_BU_T    bu other savings and investments (iasio) - imputation fl
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
    TOTHASS_BU_I   bu total other physical assets (iaoasa) - value (incl. i
    TOTHASS_BU_T   bu total other physical assets (iaoasa) - imputation fla
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 3 Core:
    HOWH1          in whose name is accomodation owned or rented - person 1
    HOWH10         in whose name is accomodation owned or rented - person 1
    HOWH11         in whose name is accomodation owned or rented - person 1
    HOWH12         in whose name is accomodation owned or rented - person 1
    HOWH2          in whose name is accomodation owned or rented - person 2
    HOWH3          in whose name is accomodation owned or rented - person 3
    HOWH4          in whose name is accomodation owned or rented - person 4
    HOWH5          in whose name is accomodation owned or rented - person 5
    HOWH6          in whose name is accomodation owned or rented - person 6
    HOWH7          in whose name is accomodation owned or rented - person 7
    HOWH8          in whose name is accomodation owned or rented - person 8
    HOWH9          in whose name is accomodation owned or rented - person 9
    IDAHHW3        w3 household analytical serial number
    PERID          person number in the household
Wave 3 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
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    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
    HDEBT_HH_I     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
    HOME_BU_T      bu 2nd home and oth property (iahome) - imputation flag
    HSVAL_HH_I     hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T     hh current value of primary house (hosellp) - imputation
    JNTASS_BU_I    bu joint assets (sep fin couples) (iaam) - value (incl.
    JNTASS_BU_T    bu joint assets (sep fin couples) (iaam) - imputation fl
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
    OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
    OTHSAV_BU_I    bu other savings and investments (iasio) - value (incl.
    OTHSAV_BU_T    bu other savings and investments (iasio) - imputation fl
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
    TOTHASS_BU_I   bu total other physical assets (iaoasa) - value (incl. i
    TOTHASS_BU_T   bu total other physical assets (iaoasa) - imputation fla
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 4 Core:
    HOWH1          in whose name is accomodation owned or rented - person 1
    HOWH10         in whose name is accomodation owned or rented - person 1
    HOWH11         in whose name is accomodation owned or rented - person 1
    HOWH12         in whose name is accomodation owned or rented - person 1
    HOWH2          in whose name is accomodation owned or rented - person 2
    HOWH3          in whose name is accomodation owned or rented - person 3
    HOWH4          in whose name is accomodation owned or rented - person 4
    HOWH5          in whose name is accomodation owned or rented - person 5
    HOWH6          in whose name is accomodation owned or rented - person 6
    HOWH7          in whose name is accomodation owned or rented - person 7
    HOWH8          in whose name is accomodation owned or rented - person 8
    HOWH9          in whose name is accomodation owned or rented - person 9
    IDAHHW4        analytical wave 4 household serial number
    PERID          household number (persno)
Wave 4 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
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    HDEBT_HH_I     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
    HOME_BU_T      bu 2nd home and oth property (iahome) - imputation flag
    HSVAL_HH_I     hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T     hh current value of primary house (hosellp) - imputation
    JNTASS_BU_I    bu joint assets (sep fin couples) (iaam) - value (incl.
    JNTASS_BU_T    bu joint assets (sep fin couples) (iaam) - imputation fl
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
    OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
    OTHSAV_BU_I    bu other savings and investments (iasio) - value (incl.
    OTHSAV_BU_T    bu other savings and investments (iasio) - imputation fl
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
    TOTHASS_BU_I   bu total other physical assets (iaoasa) - value (incl. i
    TOTHASS_BU_T   bu total other physical assets (iaoasa) - imputation fla
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 5 Core:
    HOWH1          in whose name is accomodation owned or rented - person 1
    HOWH10         in whose name is accomodation owned or rented - person 1
    HOWH11         in whose name is accomodation owned or rented - person 1
    HOWH12         in whose name is accomodation owned or rented - person 1
    HOWH2          in whose name is accomodation owned or rented - person 2
    HOWH3          in whose name is accomodation owned or rented - person 3
    HOWH4          in whose name is accomodation owned or rented - person 4
    HOWH5          in whose name is accomodation owned or rented - person 5
    HOWH6          in whose name is accomodation owned or rented - person 6
    HOWH7          in whose name is accomodation owned or rented - person 7
    HOWH8          in whose name is accomodation owned or rented - person 8
    HOWH9          in whose name is accomodation owned or rented - person 9
    IDAHHW5        analytical wave 5 household serial number
    PERID          household number (persno)
Wave 5 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
    HDEBT_HH_I     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
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HOME_BU_T	bu 2nd home and oth property (iahome) - imputation flag
HSVAL_HH_I	hh current value of primary house (hosellp) - value (inc
HSVAL_HH_T	hh current value of primary house (hosellp) - imputation
JNTASS_BU_I	bu joint assets (sep fin couples) (iaam) - value (incl.
JNTASS_BU_T	bu joint assets (sep fin couples) (iaam) - imputation fl
NSAV_BU_I	bu national savings a/cs (ians) - value (incl. imputed v
NSAV_BU_T	bu national savings a/cs (ians) - imputation flag
ODEBT_BU_I	bu other loans and debt (ialoam) - value (incl. imputed
ODEBT_BU_T	bu other loans and debt (ialoam) - imputation flag
OTHBUSV_BU_I	bu value of oth business (wpvbus) - value (incl. imputed
OTHBUSV_BU_T	bu value of oth business (wpvbus) - imputation flag
OTHSAV_BU_I	bu other savings and investments (iasio) - value (incl.
OTHSAV_BU_T	bu other savings and investments (iasio) - imputation fl
PEP_BU_I	bu peps (iaip) - value (incl. imputed values)
PEP_BU_T	bu peps (iaip) - imputation flag
PRBONDS_BU_I	bu premium bonds (ianpb) - value (incl. imputed values)
PRBONDS_BU_T	bu premium bonds (ianpb) - imputation flag
PRDEBT_BU_I	bu private debt (iaowem) - value (incl. imputed values)
PRDEBT_BU_T	bu private debt (iaowem) - imputation flag
SAVE_BU_I	bu current/savings a/cs (iasava) - value (incl. imputed
SAVE_BU_T	bu current/savings a/cs (iasava) - imputation flag
SHARES_BU_I	bu shares (iasss) - value (incl. imputed values)
SHARES_BU_T	bu shares (iasss) - imputation flag
SHISA_BU_I	bu shares isa (iasisa) - value (incl. imputed values)
SHISA_BU_T	bu shares isa (iasisa) - imputation flag
TESSA_BU_I	bu tessa (iati) - value (incl. imputed values)
TESSA_BU_T	bu tessa (iati) - imputation flag
TOTHASS_BU_I	bu total other physical assets (iaoasa) - value (incl. i
TOTHASS_BU_T	bu total other physical assets (iaoasa) - imputation fla
TRUSTS_BU_I	bu trusts (iauit) - value (incl. imputed values)
TRUSTS_BU_T	bu trusts (iauit) - imputation flag

Wave 6 Core:

HOWH1	in whose name is accomodation owned or rented - person 1
HOWH10	in whose name is accomodation owned or rented - person 1
HOWH11	in whose name is accomodation owned or rented - person 1
HOWH12	in whose name is accomodation owned or rented - person 1
HOWH2	in whose name is accomodation owned or rented - person 2
HOWH3	in whose name is accomodation owned or rented - person 3
HOWH4	in whose name is accomodation owned or rented - person 4
HOWH5	in whose name is accomodation owned or rented - person 5
HOWH6	in whose name is accomodation owned or rented - person 6
HOWH7	in whose name is accomodation owned or rented - person 7
HOWH8	in whose name is accomodation owned or rented - person 8
HOWH9	in whose name is accomodation owned or rented - person 9
IDAHHW6	analytical wave 6 household serial number
PERID	household number (persno)

Wave 6 Financial:

BONDS_BU_I	bu bonds and gilts (iabg) - value (incl. imputed values)
BONDS_BU_T	bu bonds and gilts (iabg) - imputation flag
BUSV_BU_I	bu value of business (wpbusv) - value (incl. imputed val
BUSV_BU_T	bu value of business (wpbusv) - imputation flag
CASHISA_BU_I	bu cash isa (iacisa) - value (incl. imputed values)
CASHISA_BU_T	bu cash isa (iacisa) - imputation flag
CCARD_BU_I	bu credit card debt (iadebm) - value (incl. imputed valu
CCARD_BU_T	bu credit card debt (iadebm) - imputation flag
FARM_BU_I	bu farm or business property (iafbps) - value (incl. imp
FARM_BU_T	bu farm or business property (iafbps) - imputation flag
HDEBT_HH_I	hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
HDEBT_HH_T	hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
HOME_BU_I	bu 2nd home and oth property (iahome) - value (incl. imp
HOME_BU_T	bu 2nd home and oth property (iahome) - imputation flag
HSVAL_HH_I	hh current value of primary house (hosellp) - value (inc
HSVAL_HH_T	hh current value of primary house (hosellp) - imputation

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    JNTASS_BU_I    bu joint assets (sep fin couples) (iaam) - value (incl.
    JNTASS_BU_T    bu joint assets (sep fin couples) (iaam) - imputation fl
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
    NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
    ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
    ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
    OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
    OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
    OTHSAV_BU_I    bu other savings and investments (iasio) - value (incl.
    OTHSAV_BU_T    bu other savings and investments (iasio) - imputation fl
    PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
    PEP_BU_T       bu peps (iaip) - imputation flag
    PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
    PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
    PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
    PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
    SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
    SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
    SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
    SHARES_BU_T    bu shares (iasss) - imputation flag
    SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
    SHISA_BU_T     bu shares isa (iasisa) - imputation flag
    TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
    TESSA_BU_T     bu tessa (iati) - imputation flag
    TOTHASS_BU_I   bu total other physical assets (iaoasa) - value (incl. i
    TOTHASS_BU_T   bu total other physical assets (iaoasa) - imputation fla
    TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
    TRUSTS_BU_T    bu trusts (iauit) - imputation flag
Wave 7 Core:
    HOWH1          in whose name is accomodation owned or rented - person 1
    HOWH10         in whose name is accomodation owned or rented - person 1
    HOWH11         in whose name is accomodation owned or rented - person 1
    HOWH12         in whose name is accomodation owned or rented - person 1
    HOWH2          in whose name is accomodation owned or rented - person 2
    HOWH3          in whose name is accomodation owned or rented - person 3
    HOWH4          in whose name is accomodation owned or rented - person 4
    HOWH5          in whose name is accomodation owned or rented - person 5
    HOWH6          in whose name is accomodation owned or rented - person 6
    HOWH7          in whose name is accomodation owned or rented - person 7
    HOWH8          in whose name is accomodation owned or rented - person 8
    HOWH9          in whose name is accomodation owned or rented - person 9
    IDAHHW7        analytical wave 7 household serial number
    PERID          person number (persno)
Wave 7 Financial:
    BONDS_BU_I     bu bonds and gilts (iabg) - value (incl. imputed values)
    BONDS_BU_T     bu bonds and gilts (iabg) - imputation flag
    BUSV_BU_I      bu value of business (wpbusv) - value (incl. imputed val
    BUSV_BU_T      bu value of business (wpbusv) - imputation flag
    CASHISA_BU_I   bu cash isa (iacisa) - value (incl. imputed values)
    CASHISA_BU_T   bu cash isa (iacisa) - imputation flag
    CCARD_BU_I     bu credit card debt (iadebm) - value (incl. imputed valu
    CCARD_BU_T     bu credit card debt (iadebm) - imputation flag
    FARM_BU_I      bu farm or business property (iafbps) - value (incl. imp
    FARM_BU_T      bu farm or business property (iafbps) - imputation flag
    HDEBT_HH_I     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - value
    HDEBT_HH_T     hh primary housing debt (hovml/hsvml2-5/hsve1-7) - imput
    HOME_BU_I      bu 2nd home and oth property (iahome) - value (incl. imp
    HOME_BU_T      bu 2nd home and oth property (iahome) - imputation flag
    HSVAL_HH_I     hh current value of primary house (hosellp) - value (inc
    HSVAL_HH_T     hh current value of primary house (hosellp) - imputation
    JNTASS_BU_I    bu joint assets (sep fin couples) (iaam) - value (incl.
    JNTASS_BU_T    bu joint assets (sep fin couples) (iaam) - imputation fl
    NSAV_BU_I      bu national savings a/cs (ians) - value (incl. imputed v
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NSAV_BU_T      bu national savings a/cs (ians) - imputation flag
ODEBT_BU_I     bu other loans and debt (ialoam) - value (incl. imputed
ODEBT_BU_T     bu other loans and debt (ialoam) - imputation flag
OTHBUSV_BU_I   bu value of oth business (wpvbus) - value (incl. imputed
OTHBUSV_BU_T   bu value of oth business (wpvbus) - imputation flag
OTHSAV_BU_I    bu other savings and investments (iasio) - value (incl.
OTHSAV_BU_T    bu other savings and investments (iasio) - imputation fl
PEP_BU_I       bu peps (iaip) - value (incl. imputed values)
PEP_BU_T       bu peps (iaip) - imputation flag
PRBONDS_BU_I   bu premium bonds (ianpb) - value (incl. imputed values)
PRBONDS_BU_T   bu premium bonds (ianpb) - imputation flag
PRDEBT_BU_I    bu private debt (iaowem) - value (incl. imputed values)
PRDEBT_BU_T    bu private debt (iaowem) - imputation flag
SAVE_BU_I      bu current/savings a/cs (iasava) - value (incl. imputed
SAVE_BU_T      bu current/savings a/cs (iasava) - imputation flag
SHARES_BU_I    bu shares (iasss) - value (incl. imputed values)
SHARES_BU_T    bu shares (iasss) - imputation flag
SHISA_BU_I     bu shares isa (iasisa) - value (incl. imputed values)
SHISA_BU_T     bu shares isa (iasisa) - imputation flag
TESSA_BU_I     bu tessa (iati) - value (incl. imputed values)
TESSA_BU_T     bu tessa (iati) - imputation flag
TOTHASS_BU_I   bu total other physical assets (iaoasa) - value (incl. i
TOTHASS_BU_T   bu total other physical assets (iaoasa) - imputation fla
TRUSTS_BU_I    bu trusts (iauit) - value (incl. imputed values)
TRUSTS_BU_T    bu trusts (iauit) - imputation flag
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Section F: Income and Consumption

Individual Employment Earnings

Wave	Variable	Label	Type
1	R1ITEARN	r1itearn:w1 income: r employment earnings (after tax)	Cont
2	R2ITEARN	r2itearn:w2 income: r employment earnings (after tax)	Cont
3	R3ITEARN	r3itearn:w3 income: r employment earnings (after tax)	Cont
4	R4ITEARN	r4itearn:w4 income: r employment earnings (after tax)	Cont
5	R5ITEARN	r5itearn:w5 income: r employment earnings (after tax)	Cont
6	R6ITEARN	r6itearn:w6 income: r employment earnings (after tax)	Cont
7	R7ITEARN	r7itearn:w7 income: r employment earnings (after tax)	Cont
1	S1ITEARN	s1itearn:w1 income: s employment earnings (after tax)	Cont
2	S2ITEARN	s2itearn:w2 income: s employment earnings (after tax)	Cont
3	S3ITEARN	s3itearn:w3 income: s employment earnings (after tax)	Cont
4	S4ITEARN	s4itearn:w4 income: s employment earnings (after tax)	Cont
5	S5ITEARN	s5itearn:w5 income: s employment earnings (after tax)	Cont
6	S6ITEARN	s6itearn:w6 income: s employment earnings (after tax)	Cont
7	S7ITEARN	s7itearn:w7 income: s employment earnings (after tax)	Cont
1	R1ITIFEARN	r1itifearn:w1 impflag: r employment earnings	Categ
2	R2ITIFEARN	r2itifearn:w2 impflag: r employment earnings	Categ
3	R3ITIFEARN	r3itifearn:w3 impflag: r employment earnings	Categ
4	R4ITIFEARN	r4itifearn:w4 impflag: r employment earnings	Categ
5	R5ITIFEARN	r5itifearn:w5 impflag: r employment earnings	Categ
6	R6ITIFEARN	r6itifearn:w6 impflag: r employment earnings	Categ
7	R7ITIFEARN	r7itifearn:w7 impflag: r employment earnings	Categ
1	S1ITIFEARN	s1itifearn:w1 impflag: s employment earnings	Categ
2	S2ITIFEARN	s2itifearn:w2 impflag: s employment earnings	Categ
3	S3ITIFEARN	s3itifearn:w3 impflag: s employment earnings	Categ
4	S4ITIFEARN	s4itifearn:w4 impflag: s employment earnings	Categ
5	S5ITIFEARN	s5itifearn:w5 impflag: s employment earnings	Categ
6	S6ITIFEARN	s6itifearn:w6 impflag: s employment earnings	Categ
7	S7ITIFEARN	s7itifearn:w7 impflag: s employment earnings	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1ITEARN	12099	3989.73	8557.75	0.00	207058.19
R2ITEARN	9432	4005.38	9973.05	0.00	254014.31
R3ITEARN	9720	5255.24	10940.13	0.00	230985.13
R4ITEARN	10982	5098.96	10485.94	0.00	204157.05
R5ITEARN	10202	4538.32	10343.13	0.00	248831.42
R6ITEARN	10526	4808.89	10562.58	0.00	144083.41
R7ITEARN	9602	4658.16	10847.42	0.00	200000.00
S1ITEARN	11995	3410.79	8167.50	0.00	207058.19
S2ITEARN	9332	3386.62	8998.71	0.00	254014.31
S3ITEARN	9571	4579.15	10558.31	0.00	230985.13
S4ITEARN	10816	4267.41	10022.73	0.00	204157.05
S5ITEARN	10094	3781.14	9645.66	0.00	248831.42
S6ITEARN	10405	4021.42	9855.33	0.00	144083.41
S7ITEARN	9452	3912.10	10246.46	0.00	200000.00
R1ITIFEARN	12099	4.44	2.30	1.00	7.00
R2ITIFEARN	9432	4.55	2.25	1.00	7.00
R3ITIFEARN	9771	4.38	2.36	1.00	10.00
R4ITIFEARN	11050	4.48	2.32	1.00	10.00
R5ITIFEARN	10274	4.74	2.24	1.00	10.00

R6ITIFEARN	10601	4.66	2.25	1.00	10.00
R7ITIFEARN	9666	4.72	2.21	1.00	10.00
S1ITIFEARN	12099	4.84	2.19	1.00	9.00
S2ITIFEARN	9432	4.95	2.13	1.00	9.00
S3ITIFEARN	9771	4.82	2.28	1.00	10.00
S4ITIFEARN	11050	4.92	2.21	1.00	10.00
S5ITIFEARN	10274	5.08	2.11	1.00	10.00
S6ITIFEARN	10601	5.02	2.13	1.00	10.00
S7ITIFEARN	9666	5.09	2.09	1.00	10.00

Categorical Variable Codes

Value	R1ITIFEARN	R2ITIFEARN	R3ITIFEARN	R4ITIFEARN	R5ITIFEARN	R6ITIFEARN	R7ITIFEARN
1.continuous value	3652	2656	3098	3281	2595	2785	2404
2.closed range bracket	116	70	104	113	85	98	107
3.open range bracket	11	7	9	18	11	18	8
5.no value/bracket	161	102	160	209	155	160	142
6.no income	8130	6596	6334	7342	7083	7451	6930
7.dk	29	1	15	19	273	14	11
10.institutional interview			51	68	72	75	64

Value	S1ITIFEARN	S2ITIFEARN	S3ITIFEARN	S4ITIFEARN	S5ITIFEARN	S6ITIFEARN	S7ITIFEARN
1.continuous value	2857	2047	2405	2500	2021	2163	1854
2.closed range bracket	79	46	79	89	66	81	76
3.open range bracket	9	7	7	15	7	18	7
5.no value/bracket	120	70	123	166	130	132	120
6.no income	8546	6856	6605	7735	7443	7786	7198
7.dk	384	306	352	311	427	225	197
9.non-responding spouse	104	100	149	166	108	121	150
10.institutional interview			51	68	72	75	64

How Constructed

RwITEARN represents individual earnings after tax and other deductions, and is expressed as an annual equivalent in nominal pounds. It includes information from the following derived variables:

thp_r_i represents the amount of the last time take-home pay, after any deductions were made for tax, National Insurance, pensions, union dues, etc. for those in paid work, temporarily away, and employees. It is expressed as a weekly equivalent in nominal pounds.

oj_r_i represents total income, after tax and any other deductions, from subsidiary jobs for those in paid work or temporarily away. It is expressed as a weekly equivalent in nominal pounds.

RwITEARN is defined as: (thp_r_i + oj_r_i)*52. Don't know and missing values of RwITEARN are set to .d and .m, respectively. RwITEARN is set to plain missing (.) for respondents who did not respond to the current wave.

SwITEARN represents the current wave's spouse's individual earnings and is taken from the spouse's values to RwITEARN. In addition to the special missing values used in RwITEARN, SwITEARN employs two additional special missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwITIFEARN is a flag variable based on the original flag variables (thp_r_t and oj_r_t), indicating response types for individual earnings. RwITIFEARN is set to plain missing (.) for respondents who did not respond to the current wave.

SwITIFEARN is a flag variable indicating the response types for individual earnings for the current wave's spouse, and is taken from the spouse's values to RwITIFEARN. In addition to the special missing values used in RwITIFEARN, SwITIFEARN employs two additional special missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

The amount of the last time take-home pay is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts differ depending on the reference period for take-home pay (1 week, 2 weeks, 4 weeks/calendar month, 1 year/lump sum). In addition, waves 1, 2, 5, and onward include a series of checks for the case the respondent reports receiving high values. The threshold values are different for different frequencies of pay declared. If the period for take-home pay is one week, the threshold is £2,000; if the period is two weeks, the threshold is £4,000; if the period is four weeks/calendar month, the threshold is £8,000; for any other reference period the threshold is £100,000.

Total income from other work is asked at each wave. The reference period is a month. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports receiving £5,000 or more in the last month.

Differences with the RAND HRS

Individual earnings in ELSA are expressed as nominal pounds after taxes and other deductions, whereas the equivalent measure in RAND HRS is in nominal dollars before taxes and other deductions. Therefore, conversion to a common currency and adjusting for tax status are necessary before comparison of these data. ELSA also surveys respondents with the question Wpotp which asks, “How much are you paid including any overtime, bonuses, commissions, tip or tax refund, but before any deductions for tax, national insurance or pension contributions, union dues and so on?” Wpthp is a much closer corollary to the HRS measure used to create RwIEARN in the RAND HRS because it specifically mentions other types of income besides regular wages and salaries and it elicits pre-tax amounts. Wpthp is not used here because we focus on the imputed values produced by ELSA and because RwIEARN is combined with other Harmonized ELSA variables which are based on after-tax amounts.

ELSA Variables Used

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Wave 1 Financial:
    OJ_P_I          partner inc from subsid jobs (wpesj/wpesjm) - value (inc
    OJ_P_T          partner inc from subsid jobs (wpesj/wpesjm) - imputation
    OJ_R_I          inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
    OJ_R_T          inc from subsid jobs (wpesj/wpesjm) - imputation flag
    THP_P_I         partner take-home pay last time (wpthp) - value (incl. i
    THP_P_T         partner take-home pay last time (wpthp) - imputation fla
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
Wave 2 Financial:
    OJ_P_I          partner inc from subsid jobs (wpesj/wpesjm) - value (inc
    OJ_P_T          partner inc from subsid jobs (wpesj/wpesjm) - imputation
    OJ_R_I          inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
    OJ_R_T          inc from subsid jobs (wpesj/wpesjm) - imputation flag
    THP_P_I         partner take-home pay last time (wpthp) - value (incl. i
    THP_P_T         partner take-home pay last time (wpthp) - imputation fla
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
Wave 3 Financial:
    OJ_P_I          partner inc from subsid jobs (wpesj/wpesjm) - value (inc
    OJ_P_T          partner inc from subsid jobs (wpesj/wpesjm) - imputation
    OJ_R_I          inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
    OJ_R_T          inc from subsid jobs (wpesj/wpesjm) - imputation flag
    THP_P_I         partner take-home pay last time (wpthp) - value (incl. i
    THP_P_T         partner take-home pay last time (wpthp) - imputation fla
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
Wave 4 Financial:
```

```
    OJ_P_I          partner inc from subsid jobs (wpesj/wpesjm) - value (inc
    OJ_P_T          partner inc from subsid jobs (wpesj/wpesjm) - imputation
    OJ_R_I          inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
    OJ_R_T          inc from subsid jobs (wpesj/wpesjm) - imputation flag
    THP_P_I         partner take-home pay last time (wpthp) - value (incl. i
    THP_P_T         partner take-home pay last time (wpthp) - imputation fla
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
Wave 5 Financial:
    OJ_P_I          partner inc from subsid jobs (wpesj/wpesjm) - value (inc
    OJ_P_T          partner inc from subsid jobs (wpesj/wpesjm) - imputation
    OJ_R_I          inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
    OJ_R_T          inc from subsid jobs (wpesj/wpesjm) - imputation flag
    THP_P_I         partner take-home pay last time (wpthp) - value (incl. i
    THP_P_T         partner take-home pay last time (wpthp) - imputation fla
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
Wave 6 Financial:
    OJ_P_I          partner inc from subsid jobs (wpesj/wpesjm) - value (inc
    OJ_P_T          partner inc from subsid jobs (wpesj/wpesjm) - imputation
    OJ_R_I          inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
    OJ_R_T          inc from subsid jobs (wpesj/wpesjm) - imputation flag
    THP_P_I         partner take-home pay last time (wpthp) - value (incl. i
    THP_P_T         partner take-home pay last time (wpthp) - imputation fla
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
Wave 7 Financial:
    OJ_P_I          partner inc from subsid jobs (wpesj/wpesjm) - value (inc
    OJ_P_T          partner inc from subsid jobs (wpesj/wpesjm) - imputation
    OJ_R_I          inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
    OJ_R_T          inc from subsid jobs (wpesj/wpesjm) - imputation flag
    THP_P_I         partner take-home pay last time (wpthp) - value (incl. i
    THP_P_T         partner take-home pay last time (wpthp) - imputation fla
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
```

Family Capital Income

Wave	Variable	Label	Type
1	H1ISEMP	h1isemp:w1 income: self-employ earnings (before tax)	Cont
2	H2ISEMP	h2isemp:w2 income: self-employ earnings (before tax)	Cont
3	H3ISEMP	h3isemp:w3 income: self-employ earnings (before tax)	Cont
4	H4ISEMP	h4isemp:w4 income: self-employ earnings (before tax)	Cont
5	H5ISEMP	h5isemp:w5 income: self-employ earnings (before tax)	Cont
6	H6ISEMP	h6isemp:w6 income: self-employ earnings (before tax)	Cont
7	H7ISEMP	h7isemp:w7 income: self-employ earnings (before tax)	Cont
1	H1IIFSEMP	h1iifsemp:w1 impflag: self-employ earnings	Categ
2	H2IIFSEMP	h2iifsemp:w2 impflag: self-employ earnings	Categ
3	H3IIFSEMP	h3iifsemp:w3 impflag: self-employ earnings	Categ
4	H4IIFSEMP	h4iifsemp:w4 impflag: self-employ earnings	Categ
5	H5IIFSEMP	h5iifsemp:w5 impflag: self-employ earnings	Categ
6	H6IIFSEMP	h6iifsemp:w6 impflag: self-employ earnings	Categ
7	H7IIFSEMP	h7iifsemp:w7 impflag: self-employ earnings	Categ
1	H1ITRENT	h1itrent:w1 income: rental income from other property (after	Cont
2	H2ITRENT	h2itrent:w2 income: rental income from other property (after	Cont
3	H3ITRENT	h3itrent:w3 income: rental income from other property (after	Cont
4	H4ITRENT	h4itrent:w4 income: rental income from other property (after	Cont
5	H5ITRENT	h5itrent:w5 income: rental income from other property (after	Cont
6	H6ITRENT	h6itrent:w6 income: rental income from other property (after	Cont
7	H7ITRENT	h7itrent:w7 income: rental income from other property (after	Cont
1	H1ITIFRENT	h1itifrent:w1 impflag: rental income from other property	Categ
2	H2ITIFRENT	h2itifrent:w2 impflag: rental income from other property	Categ
3	H3ITIFRENT	h3itifrent:w3 impflag: rental income from other property	Categ
4	H4ITIFRENT	h4itifrent:w4 impflag: rental income from other property	Categ
5	H5ITIFRENT	h5itifrent:w5 impflag: rental income from other property	Categ
6	H6ITIFRENT	h6itifrent:w6 impflag: rental income from other property	Categ
7	H7ITIFRENT	h7itifrent:w7 impflag: rental income from other property	Categ
1	H1ITTREST	h1ittrest:w1 income: interest income from financial assets (	Cont
2	H2ITTREST	h2ittrest:w2 income: interest income from financial assets (	Cont
3	H3ITTREST	h3ittrest:w3 income: interest income from financial assets (	Cont
4	H4ITTREST	h4ittrest:w4 income: interest income from financial assets (	Cont
5	H5ITTREST	h5ittrest:w5 income: interest income from financial assets (	Cont
6	H6ITTREST	h6ittrest:w6 income: interest income from financial assets (	Cont
7	H7ITTREST	h7ittrest:w7 income: interest income from financial assets (	Cont
1	H1ITTFREST	h1ittfrest:w1 impflag: interest income from financial assets	Categ
2	H2ITTFREST	h2ittfrest:w2 impflag: interest income from financial assets	Categ
3	H3ITTFREST	h3ittfrest:w3 impflag: interest income from financial assets	Categ
4	H4ITTFREST	h4ittfrest:w4 impflag: interest income from financial assets	Categ
5	H5ITTFREST	h5ittfrest:w5 impflag: interest income from financial assets	Categ
6	H6ITTFREST	h6ittfrest:w6 impflag: interest income from financial assets	Categ
7	H7ITTFREST	h7ittfrest:w7 impflag: interest income from financial assets	Categ
1	H1ICAP	h1icap:w1 income: couple level capital income	Cont
2	H2ICAP	h2icap:w2 income: couple level capital income	Cont
3	H3ICAP	h3icap:w3 income: couple level capital income	Cont
4	H4ICAP	h4icap:w4 income: couple level capital income	Cont
5	H5ICAP	h5icap:w5 income: couple level capital income	Cont
6	H6ICAP	h6icap:w6 income: couple level capital income	Cont
7	H7ICAP	h7icap:w7 income: couple level capital income	Cont
1	H1IFCAP	h1ifcap:w1 impflag: couple level capital income	Categ

2	H2IFCAP	h2ifcap:w2 impflag: couple level capital income	Categ
3	H3IFCAP	h3ifcap:w3 impflag: couple level capital income	Categ
4	H4IFCAP	h4ifcap:w4 impflag: couple level capital income	Categ
5	H5IFCAP	h5ifcap:w5 impflag: couple level capital income	Categ
6	H6IFCAP	h6ifcap:w6 impflag: couple level capital income	Categ
7	H7IFCAP	h7ifcap:w7 impflag: couple level capital income	Categ

1	H1ITFCAP	h1itfcap:w1 taxflag: couple level capital income	Categ
2	H2ITFCAP	h2itfcap:w2 taxflag: couple level capital income	Categ
3	H3ITFCAP	h3itfcap:w3 taxflag: couple level capital income	Categ
4	H4ITFCAP	h4itfcap:w4 taxflag: couple level capital income	Categ
5	H5ITFCAP	h5itfcap:w5 taxflag: couple level capital income	Categ
6	H6ITFCAP	h6itfcap:w6 taxflag: couple level capital income	Categ
7	H7ITFCAP	h7itfcap:w7 taxflag: couple level capital income	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1ISEMP	11995	1684.48	13970.70	-45818.18	878040.81
H2ISEMP	9332	1535.92	7721.47	-12000.00	156000.00
H3ISEMP	9571	1929.23	11017.90	-18000.00	419211.81
H4ISEMP	10816	1789.97	9407.72	-90000.00	210000.00
H5ISEMP	10094	2072.07	14045.24	-20000.00	472047.47
H6ISEMP	10405	2149.01	9269.11	-48000.00	250447.39
H7ISEMP	9452	2198.72	9515.63	-30000.00	265915.50
H1IIFSEMP	12099	5.62	1.41	1.00	9.00
H2IIFSEMP	9432	5.65	1.40	1.00	9.00
H3IIFSEMP	9771	5.64	1.51	1.00	10.00
H4IIFSEMP	11050	5.73	1.38	1.00	10.00
H5IIFSEMP	10274	5.62	1.48	1.00	10.00
H6IIFSEMP	10601	5.61	1.51	1.00	10.00
H7IIFSEMP	9666	5.63	1.50	1.00	10.00
H1ITRENT	11891	146.08	1362.06	0.00	36000.00
H2ITRENT	9310	172.45	1513.25	0.00	46762.00
H3ITRENT	9523	236.10	2307.61	0.00	86000.00
H4ITRENT	10755	335.58	2637.05	0.00	60000.00
H5ITRENT	10043	452.41	4549.17	0.00	150000.00
H6ITRENT	10362	573.41	4359.16	0.00	160000.00
H7ITRENT	9417	615.86	3576.89	0.00	75000.00
H1ITIFRENT	12099	5.95	0.84	1.00	9.00
H2ITIFRENT	9432	5.92	0.84	1.00	9.00
H3ITIFRENT	9771	5.94	1.00	1.00	10.00
H4ITIFRENT	11050	5.91	1.07	1.00	10.00
H5ITIFRENT	10274	5.86	1.14	1.00	10.00
H6ITIFRENT	10601	5.81	1.24	1.00	10.00
H7ITIFRENT	9666	5.78	1.32	1.00	10.00
H1ITTREST	11891	1392.58	4907.34	0.00	138800.00
H2ITTREST	9310	1427.52	5653.79	0.00	235000.00
H3ITTREST	9523	1655.14	5149.18	0.00	124152.00
H4ITTREST	10755	2199.87	8216.72	0.00	260244.00
H5ITTREST	10043	1649.58	7609.95	0.00	259102.00
H6ITTREST	10362	2562.58	26158.02	0.00	804000.00
H7ITTREST	9417	1530.47	6648.36	0.00	293000.00
H1ITTFREST	12099	3.08	2.21	1.00	9.00
H2ITTFREST	9432	2.96	2.19	1.00	9.00
H3ITTFREST	9771	3.09	2.33	1.00	10.00
H4ITTFREST	11050	3.10	2.33	1.00	10.00

H5ITTFREST	10274	3.21	2.37	1.00	10.00
H6ITTFREST	10601	3.42	2.42	1.00	10.00
H7ITTFREST	9666	3.43	2.44	1.00	10.00
H1ICAP	11891	3213.99	15055.84	-45818.18	879210.81
H2ICAP	9310	3124.18	10197.11	-9412.00	235000.00
H3ICAP	9523	3823.78	12921.87	-15000.00	420511.81
H4ICAP	10755	4332.87	13581.09	-89580.00	260244.00
H5ICAP	10043	4178.61	17862.71	-20000.00	478947.47
H6ICAP	10362	5280.56	28489.65	-48000.00	811744.19
H7ICAP	9417	4333.93	13116.77	-26049.48	293000.00
H1IFCAP	12099	3.16	2.27	1.00	9.00
H2IFCAP	9432	3.06	2.26	1.00	9.00
H3IFCAP	9771	3.17	2.39	1.00	10.00
H4IFCAP	11050	3.19	2.37	1.00	10.00
H5IFCAP	10274	3.23	2.38	1.00	10.00
H6IFCAP	10601	3.42	2.44	1.00	10.00
H7IFCAP	9666	3.42	2.45	1.00	10.00
H1ITFCAP	11995	2.11	0.31	2.00	3.00
H2ITFCAP	9332	2.10	0.30	2.00	3.00
H3ITFCAP	9571	2.12	0.32	2.00	3.00
H4ITFCAP	10816	2.10	0.30	2.00	3.00
H5ITFCAP	10094	2.12	0.33	2.00	3.00
H6ITFCAP	10405	2.13	0.33	2.00	3.00
H7ITFCAP	9452	2.12	0.33	2.00	3.00

Categorical Variable Codes

Value	H1IIFSEMP	H2IIFSEMP	H3IIFSEMP	H4IIFSEMP	H5IIFSEMP	H6IIFSEMP	H7IIFSEMP
1.continuous value	825	632	721	656	750	818	712
2.closed range bracket	208	139	159	121	148	138	139
3.open range bracket	36	20	25	27	22	23	20
5.no value/bracket	210	137	173	262	272	303	261
6.no income	10323	8098	8143	9445	8709	8896	8129
7.dk	393	306	350	305	193	227	191
9.non-responding spouse	104	100	149	166	108	121	150
10.institutional interview			51	68	72	75	64

Value	H1ITIFRENT	H2ITIFRENT	H3ITIFRENT	H4ITIFRENT	H5ITIFRENT	H6ITIFRENT	H7ITIFRENT
1.continuous value	253	211	280	370	410	541	568
2.closed range bracket	15	11	5	13	33	25	18
3.open range bracket	1	3		5	4	2	4
5.no value/bracket	36	35	39	74	43	52	59
6.no income	11498	9020	9136	10229	9510	9682	8699
7.dk	88	30	63	64	43	60	69
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

Value	H1ITTFREST	H2ITTFREST	H3ITTFREST	H4ITTFREST	H5ITTFREST	H6ITTFREST	H7ITTFREST
1.continuous value	4455	3850	4123	4568	4231	4261	3918
2.closed range bracket	2841	2027	1701	1985	1668	1300	1149
3.open range bracket	172	121	123	184	116	122	105
5.no value/bracket	2067	1438	1600	1881	1452	1555	1398
6.no income	2129	1736	1810	1928	2395	2881	2609
7.dk	227	138	166	209	181	243	238
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

Value	H1IFCAP	H2IFCAP	H3IFCAP	H4IFCAP	H5IFCAP	H6IFCAP	H7IFCAP
1.continuous value	4374	3739	4043	4457	4184	4271	3909
2.closed range bracket	2774	1995	1676	1943	1691	1294	1191
3.open range bracket	182	131	136	188	119	127	108
5.no value/bracket	2070	1417	1582	1919	1561	1672	1492
6.no income	1906	1592	1597	1752	2139	2554	2303

7.dk	585	436	489	496	349	444	414
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

Value	H1ITFCAP	H2ITFCAP	H3ITFCAP	H4ITFCAP	H5ITFCAP	H6ITFCAP	H7ITFCAP
.u:Unmar			38	42	43	52	40
.v:SP NR	104	100	162	192	137	144	174
2.After tax	10672	8378	8452	9732	8881	9095	8296
3.Mixed before & after tax	1323	954	1119	1084	1213	1310	1156

How Constructed

These variables are derived at the benefit unit level. In ELSA, this is a couple or a single person with any dependent children they may have. For those couples keeping finances separately, the information reported is combined in order to obtain a benefit unit definition. Imputations were not obtained for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module. The Capital Income and its components take value “missing” in these cases. Monetary income flows are expressed as an annual equivalent in nominal pounds.

HwISEMP represents the amount earned from self-employment. It includes information from the following derived variables:

sedraw_bu_i represents income from business/work, after paying for any materials, equipment or goods, for self-employed individuals. In wave 1, it is not specified whether the declared amount is before or after taxes and other deductions. Since wave 2, this question is asked before deductions for any tax, national insurance or pension contributions. It is expressed as a weekly equivalent in nominal pounds.

netprof_bu_i represents the respondent’s share of profit or loss shown on the most recent account prepared for the Inland Revenue (whether a sole owner account or in partnership). The reported figure can be before or after taxes and other deductions. It is expressed as a weekly equivalent in nominal pounds.

HwISEMP is defined as: (sedraw_bu_i + netprof_bu_i)*52. Don't know or missing values for HwISEMP are set to .d or .m, respectively. HwISEMP is set to plain missing (.) for respondents who did not respond to the current wave.

HwIIFSEMP is a flag variable based on the original flag variable (sedraw_bu_t, netprof_bu_i), indicating the response type for self-employment earnings. HwIIFSEMP is set to plain missing (.) for respondents who did not respond to the current wave.

HwITRENT represents the amount earned from rent received from second homes or holiday houses. It includes information from the following derived variable:

homei_bu_i represents the income or rent received from second homes or holiday houses in the last year. Respondents reporting to have received such income in the last year are asked: How much income or rent did you and your husband/wife/partner receive from that property in the last year, after any expenses and taxes? It is expressed as a weekly equivalent in nominal pounds.

HwITRENT is defined as: (homei_bu_i)*52. Don't know or missing values for HwITRENT are set to .d or .m, respectively. HwITRENT is set to plain missing (.) for respondents who did not respond to the current wave.

HwITIFRENT is a flag variable based on the original flag variable (homei_bu_t), indicating the response type for income from second or holiday houses. HwITIFRENT is set to plain missing (.) for respondents who did not respond to the current wave.

HwITTREST represents the amount earned from interest received from financial assets. It includes information from the following derived variables:

farmi_bu_i represents the income or rent received from farm or business property in the last year. If the respondent declares to have received such income during the last year he is asked: How much income or rent did you and your husband/wife/partner receive from that property in the last year, after any expenses and taxes? It is expressed as a weekly equivalent in nominal pounds.

savei_bu_i represents the interest received from current and savings accounts in the last year. If the respondent declares to hold current or savings accounts at a bank, building society or elsewhere then he is asked: About how much interest did you and your husband/wife/partner receive from (this/these) account(s) in the last year after tax? It is expressed as a weekly equivalent in nominal pounds.

isai_bu_i represents the income received in the last year from Individual Savings Accounts (ISA, a tax efficient saving plan that allows individuals in the UK to invest in a number of different ways, from cash, including National Savings, to Life Insurance and Equity Investments, such as unit trusts, OEICS, investment trusts, shares, etc.). If the respondent declares to hold an ISA then he is asked: Not including any income that was re-invested, about how much income did you and your husband/wife/partner receive from (this/these) ISA(s) in the last year? It is expressed as a weekly equivalent in nominal pounds.

tessai_bu_i represents the interest received from a Tax Exempt Special Savings Account (TESSA) in the last year. If the respondent declares to hold one or more TESSA(s) then he is asked: About how much interest did you and your husband/wife/partner receive from these accounts in the last year? It is expressed as a weekly equivalent in nominal pounds.

nsavi_bu_i represents the interest received from National Savings accounts in the last year. If the respondent declares to hold National Savings Accounts or Certificates then he is asked: About how much interest did you and your husband/wife/partner receive from these accounts or certificates in the last year after tax? It is expressed as a weekly equivalent in nominal pounds.

pepi_bu_i represents the income received in the last year from a Personal Equity Plan (PEP) (an investment plan in the UK that allows people over the age of 18 to invest in shares of UK companies). If the respondent declares to hold PEP(s) then he is asked: Not including any income that was reinvested, about how much income did you and your husband/wife/partner receive from these Personal Equity Plan(s) in the last year? It is expressed as a weekly equivalent in nominal pounds.

sharesi_bu_i represents the income received from shares in the last year. If the respondent reports holding stocks and/or shares or share options/Employer share ownership or share clubs then he is asked: About how much dividend income did you and your husband/wife/partner receive in the last year after tax? It is expressed as a weekly equivalent in nominal pounds.

prbondsi_bu_i represents the prize income received from Premium Bonds in the last year. If the respondent reports holding Premium Bonds, then he is asked: How much prize income did you and your husband/wife/partner receive from these bonds in the last year? It is expressed as a weekly equivalent in nominal pounds.

trustsi_bu_i represents the income received from Trusts in the last year. If the respondent reports holding Unit or Investment Trusts, then he is asked: Not including any income that was re-invested, about how much income did you and your husband/wife/partner receive from these Unit trusts or Investment trusts in the last year after tax? It is expressed as a weekly equivalent in nominal pounds.

bondsi_bu_i represents the income received from Bonds and Gilts in the last year. If the respondent declares having Bonds and Gilts, then he is asked: About how much income did you and your husband/wife/partner receive from these Bonds and Gilts in the last year after tax? It is expressed as a weekly equivalent in nominal pounds.

othsavi_bu_i represents the amount of interest received from other investments in the last year. If the respondent declares having other savings and investments, then he is asked: About how much interest did you and your husband/wife/partner receive from these other savings or investments in the last year after tax? It is expressed as a weekly equivalent in nominal pounds.

HwITTREST is defined as: (farmi_bu_i + savei_bu_i + isai_bu_i + tessai_bu_i + nsavi_bu_i + pepi_bu_i + sharesi_bu_i + prbondsi_bu_i + trustsi_bu_i + bondsi_bu_i + othsavi_bu_i)*52. HwITTREST is set to plain missing (.) for respondents who did not respond to the current wave.

HwITTFREST is a flag variable based on the original flag variables (farmi_bu_t, savei_bu_t, isai_bu_t, tessai_bu_t, nsavi_bu_t, pepi_bu_t, sharesi_bu_t, prbondsi_bu_t, trustsi_bu_t, bondsi_bu_t, othsavi_bu_t), indicating the response type for income from financial assets. HwITTFREST is set to plain missing (.) for respondents who did not respond to the current wave.

The variable HwICAP is derived at the benefit unit level by adding the different components of capital income, that is: HwISEMP + HwITRENT + HwITTREST. If HwISEMP, HwITRENT, or HwITTREST are coded as don't know or missing, then HwICAP is assigned that value. HwICAP is set to plain missing (.) for respondents who did not respond to the current wave.

HwIFCAP is a flag variable based on the original flag variables, indicating the response type for capital income. HwITFCAP is a flag variable indicating the tax status of the components of HwICAP. HwITFCAP is set to 1 if all variables comprising HwICAP are before tax and other deductions. HwITFCAP is set to 2 if all variables comprising HwICAP are after tax and other deductions. HwITFCAP is set to 3 if before tax variables and after tax variables are combined to create HwICAP.

Cross Wave Differences in ELSA

Income from business is asked at each wave. It refers to either weekly or monthly amount in the last 12 months. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts differ depending on whether the amount will be given weekly or monthly. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an average weekly income from business or work of £8,000 or more, or an average monthly income over last 12 months of £30,000 or more.

Self-employment profit or loss is asked at each wave. Checks for whether the reported figure is before deductions of income tax and National Insurance are included. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £120,000.

Net Rent from properties received in the last year is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £100,000.

Household business or farm income is asked at each wave. Amounts refer to the last year and are net of expenses and taxes. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £100,000.

Interest from current and savings accounts is asked at each wave. Amounts are after tax and refer to the last year. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are similar in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £15,000.

Income from ISA(s) in the last year is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are similar in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £4,000.

Interest from TESSA(s) in the last year is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are similar in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £8,000.

Interest from National Savings accounts is asked at each wave. Amounts are after tax and refer to the last year. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are similar in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £10,000.

Income from PEP(s) in the last year is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket

amounts and entry points are similar in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £15,000.

Dividend income from shares in the last year is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are similar in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £30,000.

Prize income from Premium Bonds in the last year is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are similar in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £20,000.

Income from Trusts is asked at each wave. Amounts are after tax and refer to the last year. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are similar in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £20,000.

Income from Bonds and Gilts is asked at each wave. Amounts are after tax and refer to the last year. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are similar in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £100,000.

Other asset income is asked at each wave. Amounts are after tax and refer to the last year. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are similar in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports an amount greater than £20,000.

Differences with the RAND HRS

Family Capital Income in ELSA is expressed in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

Components included in Harmonized ELSA and RAND HRS are slightly different for capital income representing different institutional arrangements in each country. However, we kept the concepts included as comparable as possible.

While the HRS asks amount of self-employment income in a single question eliciting income and profits, ELSA asks about self-employment income in two separate questions. The first question asks about income from business after expenses have been deducted, and the second question asks about the share of the profit or loss from business.

The ELSA variable income from ISA is included in the Harmonized ELSA family capital income variables, but in the HRS, income from an ISA-like account is only surveyed in Wave 2.

ELSA Variables Used

Wave 1 Financial:

BONDSI_BU_I	bu income from bonds and gilts (iabgi) - value (incl. im
BONDSI_BU_T	bu income from bonds and gilts (iabgi) - imputation flag
FARMI_BU_I	bu inc from farm or business property (iafba) - value (i
FARMI_BU_T	bu inc from farm or business property (iafba) - imputati
HOMEI_BU_I	bu rent from 2nd home and oth property (iaira) - value (
HOMEI_BU_T	bu rent from 2nd home and oth property (iaira) - imputat
ISAI_BU_I	bu interest from isa (iaisad) - value (incl. imputed val
ISAI_BU_T	bu interest from isa (iaisad) - imputation flag
NETPROF_BU_I	bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
NETPROF_BU_T	bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
NSAVI_BU_I	bu interest from national savings a/cs (iansi) - value (
NSAVI_BU_T	bu interest from national savings a/cs (iansi) - imputat

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    OTHSAVI_BU_I   bu income from other savings (iasioi) - value (incl. imp
    OTHSAVI_BU_T   bu income from other savings (iasioi) - imputation flag
    PEPI_BU_I      bu income from peps (iaipi) - value (incl. imputed value
    PEPI_BU_T      bu income from peps (iaipi) - imputation flag
    PRBONDSI_BU_I  bu prize money from premium bonds (ianpbp) - value (incl
    PRBONDSI_BU_T  bu prize money from premium bonds (ianpbp) - imputation
    SAVEI_BU_I     bu interest from current/savings a/cs (iasint) - value (
    SAVEI_BU_T     bu interest from current/savings a/cs (iasint) - imputat
    SEDRAW_BU_I    bu self-emp drawings (wpbi) - value (incl. imputed value
    SEDRAW_BU_T    bu self-emp drawings (wpbi) - imputation flag
    SHARESI_BU_I   bu income from shares (iasssi) - value (incl. imputed va
    SHARESI_BU_T   bu income from shares (iasssi) - imputation flag
    TESSAI_BU_I    bu interest from tessa (iatii) - value (incl. imputed va
    TESSAI_BU_T    bu interest from tessa (iatii) - imputation flag
    TRUSTSI_BU_I   bu income from trusts (iauiti) - value (incl. imputed va
    TRUSTSI_BU_T   bu income from trusts (iauiti) - imputation flag
Wave 2 Financial:
    BONDSI_BU_I    bu income from bonds and gilts (iabgi) - value (incl. im
    BONDSI_BU_T    bu income from bonds and gilts (iabgi) - imputation flag
    FARMI_BU_I     bu inc from farm or business property (iafba) - value (i
    FARMI_BU_T     bu inc from farm or business property (iafba) - imputati
    HOMEI_BU_I     bu rent from 2nd home and oth property (iaira) - value (
    HOMEI_BU_T     bu rent from 2nd home and oth property (iaira) - imputat
    ISAI_BU_I      bu interest from isa (iaisad) - value (incl. imputed val
    ISAI_BU_T      bu interest from isa (iaisad) - imputation flag
    NETPROF_BU_I   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
    NETPROF_BU_T   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
    NSAVI_BU_I     bu interest from national savings a/cs (iansi) - value (
    NSAVI_BU_T     bu interest from national savings a/cs (iansi) - imputat
    OTHSAVI_BU_I   bu income from other savings (iasioi) - value (incl. imp
    OTHSAVI_BU_T   bu income from other savings (iasioi) - imputation flag
    PEPI_BU_I      bu income from peps (iaipi) - value (incl. imputed value
    PEPI_BU_T      bu income from peps (iaipi) - imputation flag
    PRBONDSI_BU_I  bu prize money from premium bonds (ianpbp) - value (incl
    PRBONDSI_BU_T  bu prize money from premium bonds (ianpbp) - imputation
    SAVEI_BU_I     bu interest from current/savings a/cs (iasint) - value (
    SAVEI_BU_T     bu interest from current/savings a/cs (iasint) - imputat
    SEDRAW_BU_I    bu self-emp drawings (wpbi) - value (incl. imputed value
    SEDRAW_BU_T    bu self-emp drawings (wpbi) - imputation flag
    SHARESI_BU_I   bu income from shares (iasssi) - value (incl. imputed va
    SHARESI_BU_T   bu income from shares (iasssi) - imputation flag
    TESSAI_BU_I    bu interest from tessa (iatii) - value (incl. imputed va
    TESSAI_BU_T    bu interest from tessa (iatii) - imputation flag
    TRUSTSI_BU_I   bu income from trusts (iauiti) - value (incl. imputed va
    TRUSTSI_BU_T   bu income from trusts (iauiti) - imputation flag
Wave 3 Financial:
    BONDSI_BU_I    bu income from bonds and gilts (iabgi) - value (incl. im
    BONDSI_BU_T    bu income from bonds and gilts (iabgi) - imputation flag
    FARMI_BU_I     bu inc from farm or business property (iafba) - value (i
    FARMI_BU_T     bu inc from farm or business property (iafba) - imputati
    HOMEI_BU_I     bu rent from 2nd home and oth property (iaira) - value (
    HOMEI_BU_T     bu rent from 2nd home and oth property (iaira) - imputat
    ISAI_BU_I      bu interest from isa (iaisad) - value (incl. imputed val
    ISAI_BU_T      bu interest from isa (iaisad) - imputation flag
    NETPROF_BU_I   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
    NETPROF_BU_T   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
    NSAVI_BU_I     bu interest from national savings a/cs (iansi) - value (
    NSAVI_BU_T     bu interest from national savings a/cs (iansi) - imputat
    OTHSAVI_BU_I   bu income from other savings (iasioi) - value (incl. imp
    OTHSAVI_BU_T   bu income from other savings (iasioi) - imputation flag
    PEPI_BU_I      bu income from peps (iaipi) - value (incl. imputed value
    PEPI_BU_T      bu income from peps (iaipi) - imputation flag
    PRBONDSI_BU_I  bu prize money from premium bonds (ianpbp) - value (incl
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    PRBONDSI_BU_T  bu prize money from premium bonds (ianpbp) - imputation
    SAVEI_BU_I     bu interest from current/savings a/cs (iasint) - value (
    SAVEI_BU_T     bu interest from current/savings a/cs (iasint) - imputat
    SEDRAW_BU_I    bu self-emp drawings (wpbi) - value (incl. imputed value
    SEDRAW_BU_T    bu self-emp drawings (wpbi) - imputation flag
    SHARESI_BU_I   bu income from shares (iasssi) - value (incl. imputed va
    SHARESI_BU_T   bu income from shares (iasssi) - imputation flag
    TESSAI_BU_I    bu interest from tessa (iatii) - value (incl. imputed va
    TESSAI_BU_T    bu interest from tessa (iatii) - imputation flag
    TRUSTSI_BU_I   bu income from trusts (iauiti) - value (incl. imputed va
    TRUSTSI_BU_T   bu income from trusts (iauiti) - imputation flag
Wave 4 Financial:
    BONDSI_BU_I    bu income from bonds and gilts (iabgi) - value (incl. im
    BONDSI_BU_T    bu income from bonds and gilts (iabgi) - imputation flag
    FARMI_BU_I     bu inc from farm or business property (iafba) - value (i
    FARMI_BU_T     bu inc from farm or business property (iafba) - imputati
    HOMEI_BU_I     bu rent from 2nd home and oth property (iaira) - value (
    HOMEI_BU_T     bu rent from 2nd home and oth property (iaira) - imputat
    ISAI_BU_I      bu interest from isa (iaisad) - value (incl. imputed val
    ISAI_BU_T      bu interest from isa (iaisad) - imputation flag
    NETPROF_BU_I   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
    NETPROF_BU_T   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
    NSAVI_BU_I     bu interest from national savings a/cs (iansi) - value (
    NSAVI_BU_T     bu interest from national savings a/cs (iansi) - imputat
    OTHSAVI_BU_I   bu income from other savings (iasioi) - value (incl. imp
    OTHSAVI_BU_T   bu income from other savings (iasioi) - imputation flag
    PEPI_BU_I      bu income from peps (iaipi) - value (incl. imputed value
    PEPI_BU_T      bu income from peps (iaipi) - imputation flag
    PRBONDSI_BU_I  bu prize money from premium bonds (ianpbp) - value (incl
    PRBONDSI_BU_T  bu prize money from premium bonds (ianpbp) - imputation
    SAVEI_BU_I     bu interest from current/savings a/cs (iasint) - value (
    SAVEI_BU_T     bu interest from current/savings a/cs (iasint) - imputat
    SEDRAW_BU_I    bu self-emp drawings (wpbi) - value (incl. imputed value
    SEDRAW_BU_T    bu self-emp drawings (wpbi) - imputation flag
    SHARESI_BU_I   bu income from shares (iasssi) - value (incl. imputed va
    SHARESI_BU_T   bu income from shares (iasssi) - imputation flag
    TESSAI_BU_I    bu interest from tessa (iatii) - value (incl. imputed va
    TESSAI_BU_T    bu interest from tessa (iatii) - imputation flag
    TRUSTSI_BU_I   bu income from trusts (iauiti) - value (incl. imputed va
    TRUSTSI_BU_T   bu income from trusts (iauiti) - imputation flag
Wave 5 Financial:
    BONDSI_BU_I    bu income from bonds and gilts (iabgi) - value (incl. im
    BONDSI_BU_T    bu income from bonds and gilts (iabgi) - imputation flag
    FARMI_BU_I     bu inc from farm or business property (iafba) - value (i
    FARMI_BU_T     bu inc from farm or business property (iafba) - imputati
    HOMEI_BU_I     bu rent from 2nd home and oth property (iaira) - value (
    HOMEI_BU_T     bu rent from 2nd home and oth property (iaira) - imputat
    ISAI_BU_I      bu interest from isa (iaisad) - value (incl. imputed val
    ISAI_BU_T      bu interest from isa (iaisad) - imputation flag
    NETPROF_BU_I   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
    NETPROF_BU_T   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
    NSAVI_BU_I     bu interest from national savings a/cs (iansi) - value (
    NSAVI_BU_T     bu interest from national savings a/cs (iansi) - imputat
    OTHSAVI_BU_I   bu income from other savings (iasioi) - value (incl. imp
    OTHSAVI_BU_T   bu income from other savings (iasioi) - imputation flag
    PEPI_BU_I      bu income from peps (iaipi) - value (incl. imputed value
    PEPI_BU_T      bu income from peps (iaipi) - imputation flag
    PRBONDSI_BU_I  bu prize money from premium bonds (ianpbp) - value (incl
    PRBONDSI_BU_T  bu prize money from premium bonds (ianpbp) - imputation
    SAVEI_BU_I     bu interest from current/savings a/cs (iasint) - value (
    SAVEI_BU_T     bu interest from current/savings a/cs (iasint) - imputat
    SEDRAW_BU_I    bu self-emp drawings (wpbi) - value (incl. imputed value
    SEDRAW_BU_T    bu self-emp drawings (wpbi) - imputation flag
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    SHARESI_BU_I   bu income from shares (iasssi) - value (incl. imputed va
    SHARESI_BU_T   bu income from shares (iasssi) - imputation flag
    TESSAI_BU_I    bu interest from tessa (iatii) - value (incl. imputed va
    TESSAI_BU_T    bu interest from tessa (iatii) - imputation flag
    TRUSTSI_BU_I   bu income from trusts (iauiti) - value (incl. imputed va
    TRUSTSI_BU_T   bu income from trusts (iauiti) - imputation flag
Wave 6 Financial:
    BONDSI_BU_I    bu income from bonds and gilts (iabgi) - value (incl. im
    BONDSI_BU_T    bu income from bonds and gilts (iabgi) - imputation flag
    FARMI_BU_I     bu inc from farm or business property (iafba) - value (i
    FARMI_BU_T     bu inc from farm or business property (iafba) - imputati
    HOMEI_BU_I     bu rent from 2nd home and oth property (iaira) - value (
    HOMEI_BU_T     bu rent from 2nd home and oth property (iaira) - imputat
    ISAI_BU_I      bu interest from isa (iaisad) - value (incl. imputed val
    ISAI_BU_T      bu interest from isa (iaisad) - imputation flag
    NETPROF_BU_I   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
    NETPROF_BU_T   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
    NSAVI_BU_I     bu interest from national savings a/cs (iansi) - value (
    NSAVI_BU_T     bu interest from national savings a/cs (iansi) - imputat
    OTHSAVI_BU_I   bu income from other savings (iasioi) - value (incl. imp
    OTHSAVI_BU_T   bu income from other savings (iasioi) - imputation flag
    PEPI_BU_I      bu income from peps (iaipi) - value (incl. imputed value
    PEPI_BU_T      bu income from peps (iaipi) - imputation flag
    PRBONDSI_BU_I  bu prize money from premium bonds (ianpbp) - value (incl
    PRBONDSI_BU_T  bu prize money from premium bonds (ianpbp) - imputation
    SAVEI_BU_I     bu interest from current/savings a/cs (iasint) - value (
    SAVEI_BU_T     bu interest from current/savings a/cs (iasint) - imputat
    SEDRAW_BU_I    bu self-emp drawings (wpbi) - value (incl. imputed value
    SEDRAW_BU_T    bu self-emp drawings (wpbi) - imputation flag
    SHARESI_BU_I   bu income from shares (iasssi) - value (incl. imputed va
    SHARESI_BU_T   bu income from shares (iasssi) - imputation flag
    TESSAI_BU_I    bu interest from tessa (iatii) - value (incl. imputed va
    TESSAI_BU_T    bu interest from tessa (iatii) - imputation flag
    TRUSTSI_BU_I   bu income from trusts (iauiti) - value (incl. imputed va
    TRUSTSI_BU_T   bu income from trusts (iauiti) - imputation flag
Wave 7 Financial:
    BONDSI_BU_I    bu income from bonds and gilts (iabgi) - value (incl. im
    BONDSI_BU_T    bu income from bonds and gilts (iabgi) - imputation flag
    FARMI_BU_I     bu inc from farm or business property (iafba) - value (i
    FARMI_BU_T     bu inc from farm or business property (iafba) - imputati
    HOMEI_BU_I     bu rent from 2nd home and oth property (iaira) - value (
    HOMEI_BU_T     bu rent from 2nd home and oth property (iaira) - imputat
    ISAI_BU_I      bu interest from isa (iaisad) - value (incl. imputed val
    ISAI_BU_T      bu interest from isa (iaisad) - imputation flag
    NETPROF_BU_I   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
    NETPROF_BU_T   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
    NSAVI_BU_I     bu interest from national savings a/cs (iansi) - value (
    NSAVI_BU_T     bu interest from national savings a/cs (iansi) - imputat
    OTHSAVI_BU_I   bu income from other savings (iasioi) - value (incl. imp
    OTHSAVI_BU_T   bu income from other savings (iasioi) - imputation flag
    PEPI_BU_I      bu income from peps (iaipi) - value (incl. imputed value
    PEPI_BU_T      bu income from peps (iaipi) - imputation flag
    PRBONDSI_BU_I  bu prize money from premium bonds (ianpbp) - value (incl
    PRBONDSI_BU_T  bu prize money from premium bonds (ianpbp) - imputation
    SAVEI_BU_I     bu interest from current/savings a/cs (iasint) - value (
    SAVEI_BU_T     bu interest from current/savings a/cs (iasint) - imputat
    SEDRAW_BU_I    bu self-emp drawings (wpbi) - value (incl. imputed value
    SEDRAW_BU_T    bu self-emp drawings (wpbi) - imputation flag
    SHARESI_BU_I   bu income from shares (iasssi) - value (incl. imputed va
    SHARESI_BU_T   bu income from shares (iasssi) - imputation flag
    TESSAI_BU_I    bu interest from tessa (iatii) - value (incl. imputed va
    TESSAI_BU_T    bu interest from tessa (iatii) - imputation flag
    TRUSTSI_BU_I   bu income from trusts (iauiti) - value (incl. imputed va
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TRUSTSI_BU_T bu income from trusts (iauiti) - imputation flag

Income from Employer/Private Pension and Annuity

Wave	Variable	Label	Type
1	R1ITPENA	r1itpena:w1 income: r pension + annuity (after tax)	Cont
2	R2ITPENA	r2itpena:w2 income: r pension + annuity (after tax)	Cont
3	R3ITPENA	r3itpena:w3 income: r pension + annuity (after tax)	Cont
4	R4ITPENA	r4itpena:w4 income: r pension + annuity (after tax)	Cont
5	R5ITPENA	r5itpena:w5 income: r pension + annuity (after tax)	Cont
6	R6ITPENA	r6itpena:w6 income: r pension + annuity (after tax)	Cont
7	R7ITPENA	r7itpena:w7 income: r pension + annuity (after tax)	Cont
1	S1ITPENA	s1itpena:w1 income: s pension + annuity (after tax)	Cont
2	S2ITPENA	s2itpena:w2 income: s pension + annuity (after tax)	Cont
3	S3ITPENA	s3itpena:w3 income: s pension + annuity (after tax)	Cont
4	S4ITPENA	s4itpena:w4 income: s pension + annuity (after tax)	Cont
5	S5ITPENA	s5itpena:w5 income: s pension + annuity (after tax)	Cont
6	S6ITPENA	s6itpena:w6 income: s pension + annuity (after tax)	Cont
7	S7ITPENA	s7itpena:w7 income: s pension + annuity (after tax)	Cont
1	R1ITIFPENA	r1itifpena:w1 impflag: r pension + annuity	Categ
2	R2ITIFPENA	r2itifpena:w2 impflag: r pension + annuity	Categ
3	R3ITIFPENA	r3itifpena:w3 impflag: r pension + annuity	Categ
4	R4ITIFPENA	r4itifpena:w4 impflag: r pension + annuity	Categ
5	R5ITIFPENA	r5itifpena:w5 impflag: r pension + annuity	Categ
6	R6ITIFPENA	r6itifpena:w6 impflag: r pension + annuity	Categ
7	R7ITIFPENA	r7itifpena:w7 impflag: r pension + annuity	Categ
1	S1ITIFPENA	s1itifpena:w1 impflag: s pension + annuity	Categ
2	S2ITIFPENA	s2itifpena:w2 impflag: s pension + annuity	Categ
3	S3ITIFPENA	s3itifpena:w3 impflag: s pension + annuity	Categ
4	S4ITIFPENA	s4itifpena:w4 impflag: s pension + annuity	Categ
5	S5ITIFPENA	s5itifpena:w5 impflag: s pension + annuity	Categ
6	S6ITIFPENA	s6itifpena:w6 impflag: s pension + annuity	Categ
7	S7ITIFPENA	s7itifpena:w7 impflag: s pension + annuity	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1ITPENA	12002	2257.62	6127.31	0.00	263026.34
R2ITPENA	9410	2935.90	9352.78	0.00	497999.13
R3ITPENA	9672	2567.86	5705.61	0.00	178000.00
R4ITPENA	10922	3251.82	6913.36	0.00	175000.00
R5ITPENA	10153	3882.32	7582.16	0.00	125624.44
R6ITPENA	10485	4210.27	8566.64	0.00	238640.28
R7ITPENA	9568	4671.03	8363.43	0.00	113475.29
S1ITPENA	11899	1535.59	4372.93	0.00	100000.00
S2ITPENA	9311	2001.43	6406.30	0.00	349665.16
S3ITPENA	9525	1811.59	4805.18	0.00	116200.93
S4ITPENA	10756	2331.19	6264.00	0.00	175000.00
S5ITPENA	10045	2802.63	6980.42	0.00	124980.15
S6ITPENA	10364	3073.39	7734.62	0.00	238640.28
S7ITPENA	9418	3434.70	7793.25	0.00	113475.29
R1ITIFPENA	12099	4.13	2.44	1.00	9.00
R2ITIFPENA	9432	3.75	2.47	1.00	9.00
R3ITIFPENA	9771	4.14	2.46	1.00	10.00
R4ITIFPENA	11050	3.93	2.51	1.00	10.00
R5ITIFPENA	10274	3.67	2.54	1.00	10.00

R6ITIFPENA	10601	3.68	2.54	1.00	10.00
R7ITIFPENA	9666	3.58	2.53	1.00	10.00
S1ITIFPENA	12099	4.97	2.15	1.00	9.00
S2ITIFPENA	9432	4.73	2.28	1.00	9.00
S3ITIFPENA	9771	4.94	2.24	1.00	10.00
S4ITIFPENA	11050	4.79	2.32	1.00	10.00
S5ITIFPENA	10274	4.56	2.40	1.00	10.00
S6ITIFPENA	10601	4.54	2.41	1.00	10.00
S7ITIFPENA	9666	4.51	2.44	1.00	10.00

Categorical Variable Codes

Value	R1ITIFPENA	R2ITIFPENA	R3ITIFPENA	R4ITIFPENA	R5ITIFPENA	R6ITIFPENA	R7ITIFPENA
1.continuous value	4378	4111	3578	4479	4679	4811	4560
2.closed range bracket	190	114	107	170	168	161	145
3.open range bracket	48	61	34	49	59	75	67
5.no value/bracket	206	163	157	216	221	227	246
6.no income	7058	4909	5718	5909	4951	5122	4454
7.dk	122	52	78	99	75	89	96
9.non-responding spouse	97	22	48	60	49	41	34
10.institutional interview			51	68	72	75	64

Value	S1ITIFPENA	S2ITIFPENA	S3ITIFPENA	S4ITIFPENA	S5ITIFPENA	S6ITIFPENA	S7ITIFPENA
1.continuous value	2575	2453	2238	2814	3042	3183	2988
2.closed range bracket	113	61	53	93	92	82	70
3.open range bracket	24	36	22	31	34	44	40
5.no value/bracket	130	98	99	141	134	146	161
6.no income	8627	6321	6738	7323	6518	6649	5914
7.dk	430	342	375	354	225	260	245
9.non-responding spouse	200	121	195	226	157	162	184
10.institutional interview			51	68	72	75	64

How Constructed

RwITPENA is the respondent's income from employer or private pensions and annuities. The variable RwITPENA is expressed as an annual equivalent in nominal pounds, and is constructed from the following derived variable:

ppinc_r_s represents the income that the respondent received from personal or employer pensions and annuity income. It is based on the respondent's answers to the following questions: "About how much income did you and your husband/wife/partner receive in the last year from personal or employer pensions before taxes and other deductions?" and "How much annuity income did you receive in the last year after tax?". The pension amount does not include any lump sums received. The combined pension and annuity income is expressed as weekly equivalents and in current values. It is expressed as a weekly equivalent in nominal pounds.

RwITPENA is defined as: (ppinc_r_s)*52. Note that no adjustments are made for the fact that pensions are measured before taxes whereas annuities are measured after taxes. Don't know and missing responses are coded as .d and .m, respectively. RwITPENA is set to blank missing (.) for respondents who did not respond to the current wave.

RwITIFPENA is a flag variable based on the original flag variable (ppinc_r_t), indicating response types for earnings from employer or private pensions and annuities. RwITIFPENA is set to blank missing (.) for respondents who did not respond to the current wave.

SwITPENA and SwITIFPENA are the current wave's spouse's income from employer or private pensions and annuities and the flag indicating response types, respectively. They are taken from the spouse's values to RwITPENA and RwITIFPENA. In addition to the special missing codes used by RwITPENA and RwITIFPENA, SwITPENA and SwITIFPENA employ two additional special missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

Income from personal or employment pensions received in the last year is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports receiving more than £60,000 in the last year.

Respondent's Annuity Income received in the last year is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. In addition, waves 1, 2, 5 and onward include a check for the case the respondent reports receiving more than £30,000 annuity income in the last year.

Differences with the RAND HRS

Monetary flows from private pensions and annuity in ELSA are expressed in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

```
Wave 1 Financial:
    PPINC_P_S      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_P_T      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_R_S      respondent tot annuitised inc (priv pen + oth annuity in
    PPINC_R_T      respondent tot annuitised inc (priv pen + oth annuity in
Wave 2 Financial:
    PPINC_P_S      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_P_T      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_R_S      respondent tot annuitised inc (priv pen + oth annuity in
    PPINC_R_T      respondent tot annuitised inc (priv pen + oth annuity in
Wave 3 Financial:
    PPINC_P_S      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_P_T      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_R_S      respondent tot annuitised inc (priv pen + oth annuity in
    PPINC_R_T      respondent tot annuitised inc (priv pen + oth annuity in
Wave 4 Financial:
    PPINC_P_S      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_P_T      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_R_S      respondent tot annuitised inc (priv pen + oth annuity in
    PPINC_R_T      respondent tot annuitised inc (priv pen + oth annuity in
Wave 5 Financial:
    PPINC_P_S      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_P_T      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_R_S      respondent tot annuitised inc (priv pen + oth annuity in
    PPINC_R_T      respondent tot annuitised inc (priv pen + oth annuity in
Wave 6 Financial:
    PPINC_P_S      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_P_T      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_R_S      respondent tot annuitised inc (priv pen + oth annuity in
    PPINC_R_T      respondent tot annuitised inc (priv pen + oth annuity in
Wave 7 Financial:
    PPINC_P_S      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_P_T      partner tot annuitised inc (priv pen + other annuity inc
    PPINC_R_S      respondent tot annuitised inc (priv pen + oth annuity in
    PPINC_R_T      respondent tot annuitised inc (priv pen + oth annuity in
```

Public Pension Income

Wave	Variable	Label	Type
1	R1ISSDI	r1issdi:w1 income: r public disability pension	Cont
2	R2ISSDI	r2issdi:w2 income: r public disability pension	Cont
3	R3ISSDI	r3issdi:w3 income: r public disability pension	Cont
4	R4ISSDI	r4issdi:w4 income: r public disability pension	Cont
5	R5ISSDI	r5issdi:w5 income: r public disability pension	Cont
6	R6ISSDI	r6issdi:w6 income: r public disability pension	Cont
7	R7ISSDI	r7issdi:w7 income: r public disability pension	Cont
1	S1ISSDI	s1issdi:w1 income: s public disability pension	Cont
2	S2ISSDI	s2issdi:w2 income: s public disability pension	Cont
3	S3ISSDI	s3issdi:w3 income: s public disability pension	Cont
4	S4ISSDI	s4issdi:w4 income: s public disability pension	Cont
5	S5ISSDI	s5issdi:w5 income: s public disability pension	Cont
6	S6ISSDI	s6issdi:w6 income: s public disability pension	Cont
7	S7ISSDI	s7issdi:w7 income: s public disability pension	Cont
1	R1IFSSDI	r1ifssdi:w1 impflag: r public disability pension	Categ
2	R2IFSSDI	r2ifssdi:w2 impflag: r public disability pension	Categ
3	R3IFSSDI	r3ifssdi:w3 impflag: r public disability pension	Categ
4	R4IFSSDI	r4ifssdi:w4 impflag: r public disability pension	Categ
5	R5IFSSDI	r5ifssdi:w5 impflag: r public disability pension	Categ
6	R6IFSSDI	r6ifssdi:w6 impflag: r public disability pension	Categ
7	R7IFSSDI	r7ifssdi:w7 impflag: r public disability pension	Categ
1	S1IFSSDI	s1ifssdi:w1 impflag: s public disability pension	Categ
2	S2IFSSDI	s2ifssdi:w2 impflag: s public disability pension	Categ
3	S3IFSSDI	s3ifssdi:w3 impflag: s public disability pension	Categ
4	S4IFSSDI	s4ifssdi:w4 impflag: s public disability pension	Categ
5	S5IFSSDI	s5ifssdi:w5 impflag: s public disability pension	Categ
6	S6IFSSDI	s6ifssdi:w6 impflag: s public disability pension	Categ
7	S7IFSSDI	s7ifssdi:w7 impflag: s public disability pension	Categ
1	R1ISRET	r1isret:w1 income: r public old-age pension	Cont
2	R2ISRET	r2isret:w2 income: r public old-age pension	Cont
3	R3ISRET	r3isret:w3 income: r public old-age pension	Cont
4	R4ISRET	r4isret:w4 income: r public old-age pension	Cont
5	R5ISRET	r5isret:w5 income: r public old-age pension	Cont
6	R6ISRET	r6isret:w6 income: r public old-age pension	Cont
7	R7ISRET	r7isret:w7 income: r public old-age pension	Cont
1	S1ISRET	s1isret:w1 income: s public old-age pension	Cont
2	S2ISRET	s2isret:w2 income: s public old-age pension	Cont
3	S3ISRET	s3isret:w3 income: s public old-age pension	Cont
4	S4ISRET	s4isret:w4 income: s public old-age pension	Cont
5	S5ISRET	s5isret:w5 income: s public old-age pension	Cont
6	S6ISRET	s6isret:w6 income: s public old-age pension	Cont
7	S7ISRET	s7isret:w7 income: s public old-age pension	Cont
1	R1IFSRET	r1ifsret:w1 incflag: r public old-age pension	Categ
2	R2IFSRET	r2ifsret:w2 incflag: r public old-age pension	Categ
3	R3IFSRET	r3ifsret:w3 incflag: r public old-age pension	Categ
4	R4IFSRET	r4ifsret:w4 incflag: r public old-age pension	Categ
5	R5IFSRET	r5ifsret:w5 incflag: r public old-age pension	Categ
6	R6IFSRET	r6ifsret:w6 incflag: r public old-age pension	Categ
7	R7IFSRET	r7ifsret:w7 incflag: r public old-age pension	Categ
1	S1IFSRET	s1ifsret:w1 incflag: s public old-age pension	Categ

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  2  S2IFSRET      s2ifsret:w2 incflag: s public old-age pension                Categ
  3  S3IFSRET      s3ifsret:w3 incflag: s public old-age pension                Categ
  4  S4IFSRET      s4ifsret:w4 incflag: s public old-age pension                Categ
  5  S5IFSRET      s5ifsret:w5 incflag: s public old-age pension                Categ
  6  S6IFSRET      s6ifsret:w6 incflag: s public old-age pension                Categ
  7  S7IFSRET      s7ifsret:w7 incflag: s public old-age pension                Categ

  1  R1IPUBPEN     r1ipubpen:w1 income: r public pensions                       Cont
  2  R2IPUBPEN     r2ipubpen:w2 income: r public pensions                       Cont
  3  R3IPUBPEN     r3ipubpen:w3 income: r public pensions                       Cont
  4  R4IPUBPEN     r4ipubpen:w4 income: r public pensions                       Cont
  5  R5IPUBPEN     r5ipubpen:w5 income: r public pensions                       Cont
  6  R6IPUBPEN     r6ipubpen:w6 income: r public pensions                       Cont
  7  R7IPUBPEN     r7ipubpen:w7 income: r public pensions                       Cont

  1  S1IPUBPEN     s1ipubpen:w1 income: s public pensions                       Cont
  2  S2IPUBPEN     s2ipubpen:w2 income: s public pensions                       Cont
  3  S3IPUBPEN     s3ipubpen:w3 income: s public pensions                       Cont
  4  S4IPUBPEN     s4ipubpen:w4 income: s public pensions                       Cont
  5  S5IPUBPEN     s5ipubpen:w5 income: s public pensions                       Cont
  6  S6IPUBPEN     s6ipubpen:w6 income: s public pensions                       Cont
  7  S7IPUBPEN     s7ipubpen:w7 income: s public pensions                       Cont

  1  R1IFPUBPEN    r1ifpubpen:w1 impflag: r public pensions                     Categ
  2  R2IFPUBPEN    r2ifpubpen:w2 impflag: r public pensions                     Categ
  3  R3IFPUBPEN    r3ifpubpen:w3 impflag: r public pensions                     Categ
  4  R4IFPUBPEN    r4ifpubpen:w4 impflag: r public pensions                     Categ
  5  R5IFPUBPEN    r5ifpubpen:w5 impflag: r public pensions                     Categ
  6  R6IFPUBPEN    r6ifpubpen:w6 impflag: r public pensions                     Categ
  7  R7IFPUBPEN    r7ifpubpen:w7 impflag: r public pensions                     Categ

  1  S1IFPUBPEN    s1ifpubpen:w1 impflag: s public pensions                     Categ
  2  S2IFPUBPEN    s2ifpubpen:w2 impflag: s public pensions                     Categ
  3  S3IFPUBPEN    s3ifpubpen:w3 impflag: s public pensions                     Categ
  4  S4IFPUBPEN    s4ifpubpen:w4 impflag: s public pensions                     Categ
  5  S5IFPUBPEN    s5ifpubpen:w5 impflag: s public pensions                     Categ
  6  S6IFPUBPEN    s6ifpubpen:w6 impflag: s public pensions                     Categ
  7  S7IFPUBPEN    s7ifpubpen:w7 impflag: s public pensions                     Categ
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Descriptive Statistics

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Variable          N          Mean       Std Dev       Minimum       Maximum

R1ISSDI       12001        498.18       1559.20          0.00      25272.00
R2ISSDI        9410        534.64       1642.05          0.00      20072.00
R3ISSDI        9672        512.70       1636.33          0.00      29016.00
R4ISSDI       10922        545.20       1703.46          0.00      29380.00
R5ISSDI       10153        579.59       1815.56          0.00      26000.00
R6ISSDI       10485        523.17       1662.29          0.00      24596.00
R7ISSDI        9568        451.10       1520.84          0.00      19135.76

S1ISSDI       11898        315.43       1279.16          0.00      18525.00
S2ISSDI        9311        334.28       1361.90          0.00      20072.00
S3ISSDI        9525        291.53       1236.06          0.00      17472.00
S4ISSDI       10756        315.09       1320.62          0.00      29380.00
S5ISSDI       10045        331.87       1401.41          0.00      19760.00
S6ISSDI       10364        293.23       1265.85          0.00      19032.00
S7ISSDI        9418        253.09       1135.07          0.00      15418.00

R1IFSSDI      12099          5.41          1.67          1.00          9.00
R2IFSSDI       9432          5.36          1.68          1.00          9.00
R3IFSSDI       9771          5.43          1.67          1.00         10.00
R4IFSSDI      11050          5.43          1.68          1.00         10.00
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R5IFSSDI	10274	5.43	1.68	1.00	10.00
R6IFSSDI	10601	5.48	1.62	1.00	10.00
R7IFSSDI	9666	5.55	1.53	1.00	10.00
S1IFSSDI	12099	5.68	1.38	1.00	9.00
S2IFSSDI	9432	5.66	1.37	1.00	9.00
S3IFSSDI	9771	5.74	1.38	1.00	10.00
S4IFSSDI	11050	5.74	1.39	1.00	10.00
S5IFSSDI	10274	5.73	1.36	1.00	10.00
S6IFSSDI	10601	5.76	1.32	1.00	10.00
S7IFSSDI	9666	5.80	1.27	1.00	10.00
R1ISRET	12002	2195.72	2498.92	0.00	19630.00
R2ISRET	9410	2664.06	2733.79	0.00	18891.43
R3ISRET	9672	2526.97	2924.95	0.00	19032.00
R4ISRET	10922	2896.55	3165.67	0.00	25636.00
R5ISRET	10153	3509.58	3436.45	0.00	19657.92
R6ISRET	10485	3843.08	3803.03	0.00	29299.66
R7ISRET	9568	4212.95	3959.83	0.00	40000.00
S1ISRET	11899	1153.87	2036.52	0.00	14560.00
S2ISRET	9311	1415.61	2283.60	0.00	13208.00
S3ISRET	9525	1332.00	2351.71	0.00	15236.00
S4ISRET	10756	1637.06	2666.44	0.00	25636.00
S5ISRET	10045	2025.06	2977.45	0.00	15600.00
S6ISRET	10364	2304.00	3310.24	0.00	21136.26
S7ISRET	9418	2599.85	3596.32	0.00	40000.00
R1IFSRET	12099	3.56	2.53	1.00	9.00
R2IFSRET	9432	3.25	2.49	1.00	9.00
R3IFSRET	9771	3.65	2.54	1.00	10.00
R4IFSRET	11050	3.51	2.55	1.00	10.00
R5IFSRET	10274	3.23	2.53	1.00	10.00
R6IFSRET	10601	3.27	2.53	1.00	10.00
R7IFSRET	9666	3.20	2.51	1.00	10.00
S1IFSRET	12099	4.64	2.31	1.00	9.00
S2IFSRET	9432	4.43	2.38	1.00	9.00
S3IFSRET	9771	4.71	2.33	1.00	10.00
S4IFSRET	11050	4.55	2.41	1.00	10.00
S5IFSRET	10274	4.33	2.47	1.00	10.00
S6IFSRET	10601	4.30	2.48	1.00	10.00
S7IFSRET	9666	4.26	2.50	1.00	10.00
R1IPUBPEN	12001	2694.08	2849.13	0.00	26468.00
R2IPUBPEN	9410	3198.70	3127.07	0.00	29952.00
R3IPUBPEN	9672	3039.67	3318.44	0.00	38688.00
R4IPUBPEN	10922	3441.75	3591.77	0.00	36192.00
R5IPUBPEN	10153	4089.16	3857.13	0.00	39000.00
R6IPUBPEN	10485	4366.25	4162.08	0.00	32939.66
R7IPUBPEN	9568	4664.05	4280.86	0.00	40000.00
S1IPUBPEN	11898	1469.40	2411.58	0.00	18525.00
S2IPUBPEN	9311	1749.89	2688.99	0.00	21398.00
S3IPUBPEN	9525	1623.53	2698.87	0.00	19212.14
S4IPUBPEN	10756	1952.15	3025.71	0.00	29380.00
S5IPUBPEN	10045	2356.93	3349.10	0.00	29432.00
S6IPUBPEN	10364	2597.23	3610.97	0.00	23972.00
S7IPUBPEN	9418	2852.94	3857.47	0.00	40000.00
R1IFPUBPEN	12099	3.26	2.51	1.00	9.00
R2IFPUBPEN	9432	2.99	2.44	1.00	9.00
R3IFPUBPEN	9771	3.39	2.54	1.00	10.00

R4IFPUBPEN	11050	3.28	2.54	1.00	10.00
R5IFPUBPEN	10274	3.02	2.49	1.00	10.00
R6IFPUBPEN	10601	3.10	2.50	1.00	10.00
R7IFPUBPEN	9666	3.08	2.48	1.00	10.00
S1IFPUBPEN	12099	4.43	2.40	1.00	9.00
S2IFPUBPEN	9432	4.24	2.44	1.00	9.00
S3IFPUBPEN	9771	4.54	2.41	1.00	10.00
S4IFPUBPEN	11050	4.39	2.47	1.00	10.00
S5IFPUBPEN	10274	4.18	2.51	1.00	10.00
S6IFPUBPEN	10601	4.18	2.51	1.00	10.00
S7IFPUBPEN	9666	4.17	2.52	1.00	10.00

Categorical Variable Codes

Value	R1IFSSDI	R2IFSSDI	R3IFSSDI	R4IFSSDI	R5IFSSDI	R6IFSSDI	R7IFSSDI
1.continuous value	1466	1184	1138	1294	1212	1125	903
2.closed range bracket	21	29	32	37	27	46	27
3.open range bracket		3	2	3	4	3	2
5.no value/bracket	117	102	105	151	142	155	142
6.no income	10339	8069	8340	9387	8755	9138	8479
7.dk	59	23	55	50	13	18	15
9.non-responding spouse	97	22	48	60	49	41	34
10.institutional interview			51	68	72	75	64

Value	S1IFSSDI	S2IFSSDI	S3IFSSDI	S4IFSSDI	S5IFSSDI	S6IFSSDI	S7IFSSDI
1.continuous value	887	701	659	746	683	638	521
2.closed range bracket	8	9	11	14	8	25	14
3.open range bracket		2	2	1	1	2	
5.no value/bracket	57	59	47	72	74	72	69
6.no income	10905	8530	8772	9897	9276	9620	8809
7.dk	42	10	34	26	3	7	5
9.non-responding spouse	200	121	195	226	157	162	184
10.institutional interview			51	68	72	75	64

Value	R1IFSRET	R2IFSRET	R3IFSRET	R4IFSRET	R5IFSRET	R6IFSRET	R7IFSRET
1.continuous value	5871	5117	4568	5483	5649	5729	5321
2.closed range bracket	90	60	75	77	82	79	85
3.open range bracket	13	16	16	26	24	42	56
5.no value/bracket	165	134	161	215	270	292	351
6.no income	5792	4040	4774	5041	4090	4309	3731
7.dk	71	43	78	80	38	34	24
9.non-responding spouse	97	22	48	60	49	41	34
10.institutional interview			51	68	72	75	64

Value	S1IFSRET	S2IFSRET	S3IFSRET	S4IFSRET	S5IFSRET	S6IFSRET	S7IFSRET
1.continuous value	3351	2983	2637	3337	3516	3670	3417
2.closed range bracket	50	30	28	42	51	47	54
3.open range bracket	6	9	8	17	15	22	34
5.no value/bracket	98	84	93	134	162	196	241
6.no income	8344	6187	6704	7183	6272	6408	5656
7.dk	50	18	55	43	29	21	16
9.non-responding spouse	200	121	195	226	157	162	184
10.institutional interview			51	68	72	75	64

Value	R1IFPUBPEN	R2IFPUBPEN	R3IFPUBPEN	R4IFPUBPEN	R5IFPUBPEN	R6IFPUBPEN	R7IFPUBPEN
1.continuous value	6558	5591	5049	5953	6050	6047	5527
2.closed range bracket	101	79	97	103	95	116	101
3.open range bracket	11	17	13	25	25	41	52
5.no value/bracket	263	220	247	335	378	395	451
6.no income	4984	3456	4176	4415	3556	3837	3402
7.dk	85	47	90	91	49	49	35
9.non-responding spouse	97	22	48	60	49	41	34
10.institutional interview			51	68	72	75	64

Value	S1IFPUBPEN	S2IFPUBPEN	S3IFPUBPEN	S4IFPUBPEN	S5IFPUBPEN	S6IFPUBPEN	S7IFPUBPEN
1.continuous value	3851	3327	2952	3673	3805	3897	3577
2.closed range bracket	56	36	37	52	56	68	63

3.open range bracket	6	10	9	17	15	22	33
5.no value/bracket	146	133	132	195	224	248	291
6.no income	7782	5785	6335	6772	5913	6103	5434
7.dk	58	20	60	47	32	26	20
9.non-responding spouse	200	121	195	226	157	162	184
10.institutional interview			51	68	72	75	64

How Constructed

RwISSDI represents individual earnings from disability pensions, and is expressed as an annual equivalent in nominal pounds. It includes information from the following derived variables:

icb_r_i records the respondent’s Current Incapacity Benefit. If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds.

sda_r_i records the respondent’s Severe Disability Allowance. If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds.

attall_r_i records the respondent’s Attendance Allowance (a tax-free noncontributory welfare benefit for people over 65 years old who are so severely disabled that they need frequent attention or continual supervision for a period of six months or more). If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds.

dla_r_i records the respondent’s Disability Living Allowance (a benefit that helps with the extra costs that disabled people face as a result of their disabilities; it can be claimed by severely disabled individuals before their 65th birthday). If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds.

indinj_r_i records the respondent’s Industrial Injuries Disablement Benefit (a benefit for those who have suffered an accident at work or contracted a disease because of their job). If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds.

invcare_r_i, or carers_r_i in waves 2 and beyond, records the respondent’s Invalid Care Allowance (Carer's Allowance in waves 2 and beyond, a benefit received by those of working age who are unable to work full-time because they are caring for a severely disabled person who is at home). If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds.

dptc_r_i records the respondent’s Disabled Person Tax Credit formerly Disability Working Allowance (a tax credit payable to people with an illness or disability who are in work). This question is only asked in Wave 1 as the benefit was abolished in April 2003 and became part of the Working Tax Credit. If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds.

The respondent's income from disability pensions in wave 1 is defined as: (icb_r_i + sda_r_i + attall_r_i + dla_r_i + indinj_r_i + invcare_r_i + dptc_r_i)*52. Starting in wave 2, the respondent's income from disability pensions is defined as: (icb_r_i + sda_r_i + attall_r_i + dla_r_i + indinj_r_i + carers_r_i)*52. For anonymity purposes, respondents who indicated an individual income from disability pensions greater than 100,000 pounds had responses top-coded as special missing .t. Don't know and missing responses are coded as .d and .m, respectively. RwISSDI is set to plain missing (.) when respondents do not respond to the current wave.

RwIFSSDI is a flag variable based on the original flag variables (icb_r_t, sda_r_t, attall_r_t, dla_r_t, indinj_r_t, invcare_r_t, dptc_r_t), indicating response types for disability pensions. Due to the fact that dptc_r_i is only asked in Wave 1, starting in Wave 2, RwIFSSDI is based on the original flag variables (icb_r_t, sda_r_t, attall_r_t, dla_r_t, indinj_r_t, carers_r_t). RwIFSSDI is set to plain missing (.) when respondents do not respond to the current wave.

SwISSDI and SwIFSSDI represent the current wave's spouse's income from disability pensions and flag indicating response types, respectively. They are taken from the spouse's values to RwISSDI and RwIFSSDI. In addition to the special missing codes used by RwISSDI and RwIFSSDI, SwISSDI and SwIFSSDI employ two additional special missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwISRET represents individual earnings from public pensions without disability, and is expressed as an annual equivalent in nominal pounds. It includes information from the following derived variables:

spen_r_i If the respondent declared to have received state pensions in the last year, this variable reports the amount received: How much do you receive from the state pension? It is expressed as a weekly equivalent in nominal pounds.

widpen_r_i represents the amount of widow’s pension the respondent declared to have received in the last year. It is expressed as a weekly equivalent in nominal pounds.

The respondent's income from public pensions without disability is defined as: (spen_r_i + widpen_r_i)*52. For anonymity purposes, respondents who indicated an individual income from public pensions without disability greater than 100,000 pounds had responses top-coded as special missing .t. Don't know and missing responses are set to .d and .m, respectively. RwISRET is set to plain missing (.) when respondents do not respond to the current wave.

RwIFSRET is a flag variable based on the original flag variables (spen_r_t, widpen_r_t), indicating response types for public pensions without disability. RwIFSRET is set to plain missing (.) when respondents do not respond to the current wave.

SwISRET and SwIFSRET represent the current wave's spouse's income from public pensions without disability and flag indicating response types, respectively. They are taken from the spouse's values to RwISRET and RwIFSRET. In addition to the special missing codes used by RwISRET and RwIFSRET, SwISRET and SwIFSRET employ two additional special missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwIPUBPEN represents individual earnings from public pensions, and is expressed as an annual equivalent in nominal pounds. The respondent's income from public pensions is defined as: RwISSDI + RwISRET. If RwISSDI or RwISRET is set to .d or .m, then RwIPUBPEN is assigned that missing code. RwIPUBPEN is set to plain missing (.) when respondents do not respond to the current wave.

RwIFPUBPEN is a flag variable based on the original flag variables, indicating response types for public pensions. RwIFPUBPEN is set to plain missing (.) when respondents do not respond to the current wave.

SwIPUBPEN and SwIFPUBPEN represent the current wave's spouse's income from public pensions and flag indicating response types, respectively. They are taken from the spouse's values to RwIPUBPEN and RwIFPUBPEN. In addition to the special missing codes used by RwIPUBPEN and RwIFPUBPEN, SwIPUBPEN and SwIFPUBPEN employ two additional special missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

Income from incapacity benefit is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Income from Severe Disability Allowance is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Income from Attendance Allowance is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Income from Disability Living Allowance is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Income from Industrial Injuries Disablement Benefit is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Income from Invalid Care Allowance, or the Carer's Allowance starting in wave 2, is asked at each wave. Given the reforms in the UK benefit system, the Invalid Care allowance collected in Wave 1 was replaced by the Carer's Allowance in Waves 2 and beyond. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Income from Disabled Person Tax Credit is only asked in wave 1. If the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. Bracket amounts vary with the reference period of the received benefits.

Respondent’s income from state pensions is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts differ depending on the reference period for the reported monetary flow (1 week, 2 weeks, 1 month, 1 year/lump sum). In addition, all waves include checks for the case the respondent reports receiving more than £300 per week, more than £600 every two weeks, more than £1200 per month, or more than £15,000 per year.

Widow’s pension amount received by the respondent and the partner is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts change with the reference period for the reported monetary flow.

Differences with the RAND HRS

Individual income from public pensions in ELSA is expressed in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

Components included in Harmonized ELSA and RAND HRS are slightly different for public pensions representing different institutional arrangements in each country. However, we kept the concepts included as comparable as possible.

ELSA Variables Used

Wave 1 Financial:

ATTALL_P_I	partner current att allowance (iaa4/iaa24) - value (incl
ATTALL_P_T	partner current att allowance (iaa4/iaa24) - imputation
ATTALL_R_I	current attendance allowance (iaa4/iaa24) - value (incl.
ATTALL_R_T	current attendance allowance (iaa4/iaa24) - imputation f
DLA_P_I	partner current dla (iaa5/iaa25) - value (incl. imputed
DLA_P_T	partner current dla (iaa5/iaa25) - imputation flag

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    DLA_R_I        current dla (iaa5/iaa25) - value (incl. imputed values)
    DLA_R_T        current dla (iaa5/iaa25) - imputation flag
    DPTC_P_I       partner current dptc (iaa9/iaa29) - value (incl. imputed
    DPTC_P_T       partner current dptc (iaa9/iaa29) - imputation flag
    DPTC_R_I       current dptc (iaa9/iaa29) - value (incl. imputed values)
    DPTC_R_T       current dptc (iaa9/iaa29) - imputation flag
    ICB_P_I        partner current incapacity benefit (iaa1/iaa21) - value
    ICB_P_T        partner current incapacity benefit (iaa1/iaa21) - imputa
    ICB_R_I        current incapacity benefit (iaa1/iaa21) - value (incl. i
    ICB_R_T        current incapacity benefit (iaa1/iaa21) - imputation fla
    INDINJ_P_I     partner current ind inj benefit (iaa6/iaa26) - value (in
    INDINJ_P_T     partner current ind inj benefit (iaa6/iaa26) - imputatio
    INDINJ_R_I     current ind inj benefit (iaa6/iaa26) - value (incl. impu
    INDINJ_R_T     current ind inj benefit (iaa6/iaa26) - imputation flag
    INVCARE_P_I    partner current invalid care all (iaa8/iaa28) - value (i
    INVCARE_P_T    partner current invalid care all (iaa8/iaa28) - imputati
    INVCARE_R_I    current invalid care all (iaa8/iaa28) - value (incl. imp
    INVCARE_R_T    current invalid care all (iaa8/iaa28) - imputation flag
    SDA_P_I        partner current sda (iaa2/iaa22) - value (incl. imputed
    SDA_P_T        partner current sda (iaa2/iaa22) - imputation flag
    SDA_R_I        current sda (iaa2/iaa22) - value (incl. imputed values)
    SDA_R_T        current sda (iaa2/iaa22) - imputation flag
    SPEN_P_I       partner state pension income (iapam/iappam)  - value (in
    SPEN_P_T       partner state pension income (iapam/iappam)  - imputatio
    SPEN_R_I       state pension income (iapam/iappam) - value (incl. imput
    SPEN_R_T       state pension income (iapam/iappam) - imputation flag
    WIDPEN_P_I     partner current widow's pension (iaa45/iaa59) - value (i
    WIDPEN_P_T     partner current widow's pension (iaa45/iaa59) - imputati
    WIDPEN_R_I     current widow's pension (iaa45/iaa59) - value (incl. imp
    WIDPEN_R_T     current widow's pension (iaa45/iaa59) - imputation flag
Wave 2 Financial:
    ATTALL_P_I     partner current att allowance (iaa4/iaa22) - value (incl
    ATTALL_P_T     partner current att allowance (iaa4/iaa22) - imputation
    ATTALL_R_I     current attendance allowance (iaa4/iaa22) - value (incl.
    ATTALL_R_T     current attendance allowance (iaa4/iaa22) - imputation f
    CARERS_P_I     partner current invalid care all (iaa8/iaa26) - value (i
    CARERS_P_T     partner current invalid care all (iaa8/iaa26) - imputati
    CARERS_R_I     current invalid care all (iaa8/iaa26) - value (incl. imp
    CARERS_R_T     current invalid care all (iaa8/iaa26) - imputation flag
    DLA_P_I        partner current dla (iaa5/iaa23) - value (incl. imputed
    DLA_P_T        partner current dla (iaa5/iaa23) - imputation flag
    DLA_R_I        current dla (iaa5/iaa23) - value (incl. imputed values)
    DLA_R_T        current dla (iaa5/iaa23) - imputation flag
    ICB_P_I        partner current incapacity benefit (iaa1/iaa19) - value
    ICB_P_T        partner current incapacity benefit (iaa1/iaa19) - imputa
    ICB_R_I        current incapacity benefit (iaa1/iaa19) - value (incl. i
    ICB_R_T        current incapacity benefit (iaa1/iaa19) - imputation fla
    INDINJ_P_I     partner current ind inj benefit (iaa6/iaa24) - value (in
    INDINJ_P_T     partner current ind inj benefit (iaa6/iaa24) - imputatio
    INDINJ_R_I     current ind inj benefit (iaa6/iaa24) - value (incl. impu
    INDINJ_R_T     current ind inj benefit (iaa6/iaa24) - imputation flag
    SDA_P_I        partner current sda (iaa2/iaa20) - value (incl. imputed
    SDA_P_T        partner current sda (iaa2/iaa20) - imputation flag
    SDA_R_I        current sda (iaa2/iaa20) - value (incl. imputed values)
    SDA_R_T        current sda (iaa2/iaa20) - imputation flag
    SPEN_P_I       partner state pension income (iapam/iappam)  - value (in
    SPEN_P_T       partner state pension income (iapam/iappam)  - imputatio
    SPEN_R_I       state pension income (iapam/iappam) - value (incl. imput
    SPEN_R_T       state pension income (iapam/iappam) - imputation flag
    WIDPEN_P_I     partner current widow's pension (iaa42/iaa60) - value (i
    WIDPEN_P_T     partner current widow's pension (iaa42/iaa60) - imputati
    WIDPEN_R_I     current widow's pension (iaa42/iaa60) - value (incl. imp
    WIDPEN_R_T     current widow's pension (iaa42/iaa60) - imputation flag
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Wave 3 Financial:
    ATTALL_P_I     partner current att allowance (iaa4/iaa22) - value (incl
    ATTALL_P_T     partner current att allowance (iaa4/iaa22) - imputation
    ATTALL_R_I     current attendance allowance (iaa4/iaa22) - value (incl.
    ATTALL_R_T     current attendance allowance (iaa4/iaa22) - imputation f
    CARERS_P_I     partner current invalid care all (iaa8/iaa26) - value (i
    CARERS_P_T     partner current invalid care all (iaa8/iaa26) - imputati
    CARERS_R_I     current invalid care all (iaa8/iaa26) - value (incl. imp
    CARERS_R_T     current invalid care all (iaa8/iaa26) - imputation flag
    DLA_P_I        partner current dla (iaa5/iaa23) - value (incl. imputed
    DLA_P_T        partner current dla (iaa5/iaa23) - imputation flag
    DLA_R_I        current dla (iaa5/iaa23) - value (incl. imputed values)
    DLA_R_T        current dla (iaa5/iaa23) - imputation flag
    ICB_P_I        partner current incapacity benefit (iaa1/iaa19) - value
    ICB_P_T        partner current incapacity benefit (iaa1/iaa19) - imputa
    ICB_R_I        current incapacity benefit (iaa1/iaa19) - value (incl. i
    ICB_R_T        current incapacity benefit (iaa1/iaa19) - imputation fla
    INDINJ_P_I     partner current ind inj benefit (iaa6/iaa24) - value (in
    INDINJ_P_T     partner current ind inj benefit (iaa6/iaa24) - imputatio
    INDINJ_R_I     current ind inj benefit (iaa6/iaa24) - value (incl. impu
    INDINJ_R_T     current ind inj benefit (iaa6/iaa24) - imputation flag
    SDA_P_I        partner current sda (iaa2/iaa20) - value (incl. imputed
    SDA_P_T        partner current sda (iaa2/iaa20) - imputation flag
    SDA_R_I        current sda (iaa2/iaa20) - value (incl. imputed values)
    SDA_R_T        current sda (iaa2/iaa20) - imputation flag
    SPEN_P_I       partner state pension income (iapam/iappam)  - value (in
    SPEN_P_T       partner state pension income (iapam/iappam)  - imputatio
    SPEN_R_I       state pension income (iapam/iappam) - value (incl. imput
    SPEN_R_T       state pension income (iapam/iappam) - imputation flag
    WIDPEN_P_I     partner current widow's pension (iaa42/iaa60) - value (i
    WIDPEN_P_T     partner current widow's pension (iaa42/iaa60) - imputati
    WIDPEN_R_I     current widow's pension (iaa42/iaa60) - value (incl. imp
    WIDPEN_R_T     current widow's pension (iaa42/iaa60) - imputation flag
Wave 4 Financial:
    ATTALL_P_I     partner current att allowance (iaa4/iaa22) - value (incl
    ATTALL_P_T     partner current att allowance (iaa4/iaa22) - imputation
    ATTALL_R_I     current attendance allowance (iaa4/iaa22) - value (incl.
    ATTALL_R_T     current attendance allowance (iaa4/iaa22) - imputation f
    CARERS_P_I     partner current invalid care all (iaa8/iaa26) - value (i
    CARERS_P_T     partner current invalid care all (iaa8/iaa26) - imputati
    CARERS_R_I     current invalid care all (iaa8/iaa26) - value (incl. imp
    CARERS_R_T     current invalid care all (iaa8/iaa26) - imputation flag
    DLA_P_I        partner current dla (iaa5/iaa23) - value (incl. imputed
    DLA_P_T        partner current dla (iaa5/iaa23) - imputation flag
    DLA_R_I        current dla (iaa5/iaa23) - value (incl. imputed values)
    DLA_R_T        current dla (iaa5/iaa23) - imputation flag
    ICB_P_I        partner current incapacity benefit (iaa1/iaa19) - value
    ICB_P_T        partner current incapacity benefit (iaa1/iaa19) - imputa
    ICB_R_I        current incapacity benefit (iaa1/iaa19) - value (incl. i
    ICB_R_T        current incapacity benefit (iaa1/iaa19) - imputation fla
    INDINJ_P_I     partner current ind inj benefit (iaa6/iaa24) - value (in
    INDINJ_P_T     partner current ind inj benefit (iaa6/iaa24) - imputatio
    INDINJ_R_I     current ind inj benefit (iaa6/iaa24) - value (incl. impu
    INDINJ_R_T     current ind inj benefit (iaa6/iaa24) - imputation flag
    SDA_P_I        partner current sda (iaa2/iaa20) - value (incl. imputed
    SDA_P_T        partner current sda (iaa2/iaa20) - imputation flag
    SDA_R_I        current sda (iaa2/iaa20) - value (incl. imputed values)
    SDA_R_T        current sda (iaa2/iaa20) - imputation flag
    SPEN_P_I       partner state pension income (iapam/iappam)  - value (in
    SPEN_P_T       partner state pension income (iapam/iappam)  - imputatio
    SPEN_R_I       state pension income (iapam/iappam) - value (incl. imput
    SPEN_R_T       state pension income (iapam/iappam) - imputation flag
    WIDPEN_P_I     partner current widow's pension (iaa42/iaa60) - value (i
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    WIDPEN_P_T     partner current widow's pension (iaa42/iaa60) - imputati
    WIDPEN_R_I     current widow's pension (iaa42/iaa60) - value (incl. imp
    WIDPEN_R_T     current widow's pension (iaa42/iaa60) - imputation flag
Wave 5 Financial:
    ATTALL_P_I     partner current att allowance (iaa5/iaa15) - value (incl
    ATTALL_P_T     partner current att allowance (iaa5/iaa15) - imputation
    ATTALL_R_I     current attendance allowance (iaa5/iaa15) - value (incl.
    ATTALL_R_T     current attendance allowance (iaa5/iaa15) - imputation f
    CARERS_P_I     partner current invalid care all (iaa9/iaa19) - value (i
    CARERS_P_T     partner current invalid care all (iaa9/iaa19) - imputati
    CARERS_R_I     current invalid care all (iaa9/iaa19) - value (incl. imp
    CARERS_R_T     current invalid care all (iaa9/iaa19) - imputation flag
    DLA_P_I        partner current dla (iaa6/iaa16) - value (incl. imputed
    DLA_P_T        partner current dla (iaa6/iaa16) - imputation flag
    DLA_R_I        current dla (iaa6/iaa16) - value (incl. imputed values)
    DLA_R_T        current dla (iaa6/iaa16) - imputation flag
    ICB_P_I        partner current incapacity benefit (iaa1/iaa11) - value
    ICB_P_T        partner current incapacity benefit (iaa1/iaa11) - imputa
    ICB_R_I        current incapacity benefit (iaa1/iaa11) - value (incl. i
    ICB_R_T        current incapacity benefit (iaa1/iaa11) - imputation fla
    INDINJ_P_I     partner current ind inj benefit (iaa7/iaa17) - value (in
    INDINJ_P_T     partner current ind inj benefit (iaa7/iaa17) - imputatio
    INDINJ_R_I     current ind inj benefit (iaa7/iaa17) - value (incl. impu
    INDINJ_R_T     current ind inj benefit (iaa7/iaa17) - imputation flag
    SDA_P_I        partner current sda (iaa3/iaa13) - value (incl. imputed
    SDA_P_T        partner current sda (iaa3/iaa13) - imputation flag
    SDA_R_I        current sda (iaa3/iaa13) - value (incl. imputed values)
    SDA_R_T        current sda (iaa3/iaa13) - imputation flag
    SPEN_P_I       partner state pension income (iapam/iappam)  - value (in
    SPEN_P_T       partner state pension income (iapam/iappam)  - imputatio
    SPEN_R_I       state pension income (iapam/iappam) - value (incl. imput
    SPEN_R_T       state pension income (iapam/iappam) - imputation flag
    WIDPEN_P_I     partner current widow's pension (iaa26/iaa35 - value (in
    WIDPEN_P_T     partner current widow's pension (iaa26/iaa35 - imputatio
    WIDPEN_R_I     current widow's pension (iaa26/iaa35) - value (incl. imp
    WIDPEN_R_T     current widow's pension (iaa26/iaa35) - imputation flag
Wave 6 Financial:
    ATTALL_P_I     partner current att allowance (iaa5/iaa15) - value (incl
    ATTALL_P_T     partner current att allowance (iaa5/iaa15) - imputation
    ATTALL_R_I     current attendance allowance (iaa5/iaa15) - value (incl.
    ATTALL_R_T     current attendance allowance (iaa5/iaa15) - imputation f
    CARERS_P_I     partner current invalid care all (iaa9/iaa19) - value (i
    CARERS_P_T     partner current invalid care all (iaa9/iaa19) - imputati
    CARERS_R_I     current invalid care all (iaa9/iaa19) - value (incl. imp
    CARERS_R_T     current invalid care all (iaa9/iaa19) - imputation flag
    DLA_P_I        partner current dla (iaa6/iaa16) - value (incl. imputed
    DLA_P_T        partner current dla (iaa6/iaa16) - imputation flag
    DLA_R_I        current dla (iaa6/iaa16) - value (incl. imputed values)
    DLA_R_T        current dla (iaa6/iaa16) - imputation flag
    ICB_P_I        partner current incapacity benefit (iaa1/iaa11) - value
    ICB_P_T        partner current incapacity benefit (iaa1/iaa11) - imputa
    ICB_R_I        current incapacity benefit (iaa1/iaa11) - value (incl. i
    ICB_R_T        current incapacity benefit (iaa1/iaa11) - imputation fla
    INDINJ_P_I     partner current ind inj benefit (iaa7/iaa17) - value (in
    INDINJ_P_T     partner current ind inj benefit (iaa7/iaa17) - imputatio
    INDINJ_R_I     current ind inj benefit (iaa7/iaa17) - value (incl. impu
    INDINJ_R_T     current ind inj benefit (iaa7/iaa17) - imputation flag
    SDA_P_I        partner current sda (iaa3/iaa13) - value (incl. imputed
    SDA_P_T        partner current sda (iaa3/iaa13) - imputation flag
    SDA_R_I        current sda (iaa3/iaa13) - value (incl. imputed values)
    SDA_R_T        current sda (iaa3/iaa13) - imputation flag
    SPEN_P_I       partner state pension income (iapam/iappam)  - value (in
    SPEN_P_T       partner state pension income (iapam/iappam)  - imputatio
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    SPEN_R_I       state pension income (iapam/iappam) - value (incl. imput
    SPEN_R_T       state pension income (iapam/iappam) - imputation flag
    WIDPEN_P_I     partner current widow's pension (iaa26/iaa35 - value (in
    WIDPEN_P_T     partner current widow's pension (iaa26/iaa35 - imputatio
    WIDPEN_R_I     current widow's pension (iaa26/iaa35) - value (incl. imp
    WIDPEN_R_T     current widow's pension (iaa26/iaa35) - imputation flag
Wave 7 Financial:
    ATTALL_P_I     partner current att allowance (iaa5/iaa15) - value (incl
    ATTALL_P_T     partner current att allowance (iaa5/iaa15) - imputation
    ATTALL_R_I     current attendance allowance (iaa5/iaa15) - value (incl.
    ATTALL_R_T     current attendance allowance (iaa5/iaa15) - imputation f
    CARERS_P_I     partner current invalid care all (iaa9/iaa19) - value (i
    CARERS_P_T     partner current invalid care all (iaa9/iaa19) - imputati
    CARERS_R_I     current invalid care all (iaa9/iaa19) - value (incl. imp
    CARERS_R_T     current invalid care all (iaa9/iaa19) - imputation flag
    DLA_P_I        partner current dla (iaa6/iaa16) - value (incl. imputed
    DLA_P_T        partner current dla (iaa6/iaa16) - imputation flag
    DLA_R_I        current dla (iaa6/iaa16) - value (incl. imputed values)
    DLA_R_T        current dla (iaa6/iaa16) - imputation flag
    ICB_P_I        partner current incapacity benefit (iaa1/iaa11) - value
    ICB_P_T        partner current incapacity benefit (iaa1/iaa11) - imputa
    ICB_R_I        current incapacity benefit (iaa1/iaa11) - value (incl. i
    ICB_R_T        current incapacity benefit (iaa1/iaa11) - imputation fla
    INDINJ_P_I     partner current ind inj benefit (iaa7/iaa17) - value (in
    INDINJ_P_T     partner current ind inj benefit (iaa7/iaa17) - imputatio
    INDINJ_R_I     current ind inj benefit (iaa7/iaa17) - value (incl. impu
    INDINJ_R_T     current ind inj benefit (iaa7/iaa17) - imputation flag
    SDA_P_I        partner current sda (iaa3/iaa13) - value (incl. imputed
    SDA_P_T        partner current sda (iaa3/iaa13) - imputation flag
    SDA_R_I        current sda (iaa3/iaa13) - value (incl. imputed values)
    SDA_R_T        current sda (iaa3/iaa13) - imputation flag
    SPEN_P_I       partner state pension income (iapam/iappam)  - value (in
    SPEN_P_T       partner state pension income (iapam/iappam)  - imputatio
    SPEN_R_I       state pension income (iapam/iappam) - value (incl. imput
    SPEN_R_T       state pension income (iapam/iappam) - imputation flag
    WIDPEN_P_I     partner current widow's pension (iaa26/iaa35 - value (in
    WIDPEN_P_T     partner current widow's pension (iaa26/iaa35 - imputatio
    WIDPEN_R_I     current widow's pension (iaa26/iaa35) - value (incl. imp
    WIDPEN_R_T     current widow's pension (iaa26/iaa35) - imputation flag
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Other Government Transfer Income

Wave	Variable	Label	Type
1	R1IGXFR	r1igxfr:w1 income: r other gov transfers	Cont
2	R2IGXFR	r2igxfr:w2 income: r other gov transfers	Cont
3	R3IGXFR	r3igxfr:w3 income: r other gov transfers	Cont
4	R4IGXFR	r4igxfr:w4 income: r other gov transfers	Cont
5	R5IGXFR	r5igxfr:w5 income: r other gov transfers	Cont
6	R6IGXFR	r6igxfr:w6 income: r other gov transfers	Cont
7	R7IGXFR	r7igxfr:w7 income: r other gov transfers	Cont
1	S1IGXFR	s1igxfr:w1 income: s other gov transfers	Cont
2	S2IGXFR	s2igxfr:w2 income: s other gov transfers	Cont
3	S3IGXFR	s3igxfr:w3 income: s other gov transfers	Cont
4	S4IGXFR	s4igxfr:w4 income: s other gov transfers	Cont
5	S5IGXFR	s5igxfr:w5 income: s other gov transfers	Cont
6	S6IGXFR	s6igxfr:w6 income: s other gov transfers	Cont
7	S7IGXFR	s7igxfr:w7 income: s other gov transfers	Cont
1	R1IFGXFR	r1ifgxfr:w1 impflag: r other gov transfers	Categ
2	R2IFGXFR	r2ifgxfr:w2 impflag: r other gov transfers	Categ
3	R3IFGXFR	r3ifgxfr:w3 impflag: r other gov transfers	Categ
4	R4IFGXFR	r4ifgxfr:w4 impflag: r other gov transfers	Categ
5	R5IFGXFR	r5ifgxfr:w5 impflag: r other gov transfers	Categ
6	R6IFGXFR	r6ifgxfr:w6 impflag: r other gov transfers	Categ
7	R7IFGXFR	r7ifgxfr:w7 impflag: r other gov transfers	Categ
1	S1IFGXFR	s1ifgxfr:w1 impflag: s other gov transfers	Categ
2	S2IFGXFR	s2ifgxfr:w2 impflag: s other gov transfers	Categ
3	S3IFGXFR	s3ifgxfr:w3 impflag: s other gov transfers	Categ
4	S4IFGXFR	s4ifgxfr:w4 impflag: s other gov transfers	Categ
5	S5IFGXFR	s5ifgxfr:w5 impflag: s other gov transfers	Categ
6	S6IFGXFR	s6ifgxfr:w6 impflag: s other gov transfers	Categ
7	S7IFGXFR	s7ifgxfr:w7 impflag: s other gov transfers	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1IGXFR	12001	242.95	1028.46	0.00	17069.00
R2IGXFR	9410	282.02	1135.48	0.00	16380.00
R3IGXFR	9672	310.20	1203.09	0.00	19656.00
R4IGXFR	10922	311.64	1560.35	0.00	96200.00
R5IGXFR	10153	288.52	1238.67	0.00	21593.00
R6IGXFR	10484	293.51	1286.68	0.00	24374.31
R7IGXFR	9568	230.99	1173.45	0.00	20189.39
S1IGXFR	11899	123.41	769.79	0.00	17069.00
S2IGXFR	9311	125.70	793.79	0.00	16380.00
S3IGXFR	9525	142.31	836.14	0.00	19656.00
S4IGXFR	10756	131.20	811.70	0.00	15600.00
S5IGXFR	10045	134.34	874.40	0.00	20020.00
S6IGXFR	10364	129.66	862.80	0.00	24374.31
S7IGXFR	9418	101.03	815.00	0.00	20189.39
R1IFGXFR	12099	5.56	1.48	1.00	9.00
R2IFGXFR	9432	5.47	1.54	1.00	9.00
R3IFGXFR	9771	5.51	1.58	1.00	10.00
R4IFGXFR	11050	5.56	1.52	1.00	10.00
R5IFGXFR	10274	5.60	1.47	1.00	10.00

R6IFGXFR	10601	5.61	1.45	1.00	10.00
R7IFGXFR	9666	5.70	1.30	1.00	10.00
S1IFGXFR	12099	5.82	1.12	1.00	9.00
S2IFGXFR	9432	5.81	1.10	1.00	9.00
S3IFGXFR	9771	5.83	1.23	1.00	10.00
S4IFGXFR	11050	5.86	1.17	1.00	10.00
S5IFGXFR	10274	5.87	1.11	1.00	10.00
S6IFGXFR	10601	5.88	1.10	1.00	10.00
S7IFGXFR	9666	5.94	1.00	1.00	10.00

Categorical Variable Codes

Value	R1IFGXFR	R2IFGXFR	R3IFGXFR	R4IFGXFR	R5IFGXFR	R6IFGXFR	R7IFGXFR
1.continuous value	1094	970	995	1001	863	868	603
2.closed range bracket	28	31	36	52	29	41	37
3.open range bracket	2	1	1		3		1
5.no value/bracket	81	94	118	117	102	99	96
6.no income	10723	8270	8450	9686	9137	9454	8813
7.dk	74	44	72	66	19	23	18
9.non-responding spouse	97	22	48	60	49	41	34
10.institutional interview			51	68	72	75	64

Value	S1IFGXFR	S2IFGXFR	S3IFGXFR	S4IFGXFR	S5IFGXFR	S6IFGXFR	S7IFGXFR
1.continuous value	546	419	485	477	400	406	265
2.closed range bracket	9	8	13	17	10	10	17
3.open range bracket	2	1			2		
5.no value/bracket	39	47	37	35	35	25	25
6.no income	11256	8819	8946	10200	9592	9915	9104
7.dk	47	17	44	27	6	8	7
9.non-responding spouse	200	121	195	226	157	162	184
10.institutional interview			51	68	72	75	64

How Constructed

RwIGXFR represents individual earnings from all other government transfers, and is expressed as an annual equivalent in nominal pounds. RwIGXFR is defined as the sum of veteran benefits, welfare benefits, worker's compensation benefits, and unemployment benefits. Don't know and missing responses are set to .d and .m, respectively. RwIGXFR is set to plain missing (.) when respondents do not respond to the current wave.

Veteran benefits represent individual earnings from war pensions, and are expressed as an annual equivalent in nominal pounds. It includes information from the following derived variable:

war_r_i records the respondent’s War Disablement Pension or War Widow’s Pension. If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds and multiplied by 52 to obtain the annual equivalent.

Welfare benefits represent individual earnings from income support pensions, and are expressed as an annual equivalent in nominal pounds. For wave 1, the respondent's income from income support pensions is defined as: (is_r_i + wftc_r_i + gall_r_i + cb_r_i)*52. For waves 2 and forward, income from income support pensions is defined as: (is_r_i + wtc_r_i + gall_r_i + cb_r_i + pc_r_i + ctc_r_i)*52. It includes information from the following derived variables:

is_r_i records the respondent’s Income Support or Minimum Income Guarantee (Income Support for those over 60). On the 1st of October 2003, the Minimum Income Guarantee was replaced by a new, but similar benefit called the Pension Credit. Starting in Wave 2 the variable pci_r_i collects the amount of benefits received in terms of the new Pension Credit. If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds and multiplied by 52 to obtain the annual equivalent.

wftc_r_i (wtc_r_i in Waves 2 and beyond) records the respondent’s Working Family Tax Credit (a payment from the state for people who work on a low income). In March 2003 it was replaced by the Working Tax Credit which is recorded in wave 2. If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds and multiplied by 52 to obtain the annual equivalent.

gall_r_i records the respondent’s Guardian’s Allowance (a benefit for individuals looking after somebody else’s child after one or both of the child’s parents have died). If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds and multiplied by 52 to obtain the annual equivalent.

cb_r_i records the respondent’s Child Benefits (a tax-free benefit paid to most people with children). If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds and multiplied by 52 to obtain the annual equivalent.

pc_r_i records the respondent’s Current Pension Credit starting in Wave 2. If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds and multiplied by 52 to obtain the annual equivalent.

ctc_r_i records the respondent’s Child Tax Credit starting in Wave 2. If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds and multiplied by 52 to obtain the annual equivalent.

Worker's compensation benefits represent individual earnings from worker's compensation pensions, and are expressed as an annual equivalent in nominal pounds. It includes information from the following derived variable:

ssp_r_i records the respondent’s Statutory Sick Pay. If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds and multiplied by 52 to obtain the annual equivalent.

Unemployment benefits represent individual earnings from unemployment pensions, and are expressed as an annual equivalent in nominal pounds. It includes information from the following derived variable:

jsa_r_i records the respondent’s Jobseekers Allowance (a benefit paid to unemployed people who are actively looking for work). If the respondent declares to have received this type of benefit during the last year then he is asked: How much did you usually (or last time if he does not receive the benefit currently) receive from this benefit? It is expressed as a weekly equivalent in nominal pounds and multiplied by 52 to obtain the annual equivalent.

RwIFGXFR is a flag variable based on the original flag variables, indicating response types for government transfers. The original ELSA flag variables for wave 1 include: war_r_t, is_r_t, wtc_r_t, gall_r_t, cb_r_t, ssp_r_t, and jsa_r_t. The original ELSA flag variables for wave 2 include: war_r_t, is_r_t, wtc_r_t, gall_r_t, cb_r_t, pc_r_t, ctc_r_t, ssp_r_t, and jsa_r_t. RwIFGXFR is set to plain missing (.) when respondents do not respond to the current wave.

SwIGXFR and SwIFGXFR represent the current wave's spouse's income from government transfers and flag indicating response type, respectively. They are taken from the spouse's values to RwIGXFR and RwIFGXFR. In addition to the special missing codes used by RwIGXFR and RwIFGXFR, SwIGXFR and SwIFGXFR employ two additional special missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

War Disablement Pension and War Widow’s Pension are asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Income Support or Minimum Income Guarantee is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits. In addition, information about income received in terms of Pension Credit is asked in the second and third wave. A check was introduced starting in wave 2 in the case the respondent declares receiving income in terms of Pension Credit but he is under 60 years old. Separate follow up questions are also included in the second and third wave to distinguish the amount of income received in terms of Minimum Income Guarantee and Pension Credit.

Income from Working Family Tax Credit is asked in wave 1. This Tax Credit was replaced by the Working Tax Credit which was collected in waves 2 and beyond. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Income from Guardian’s Allowance is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Income from Child Benefits is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits. In addition, the amount of income collected in terms of Child Tax Credit is asked starting in Wave 2. Also in this case, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked.

Income from Current Pension Credit is asked starting in wave 2. In wave 2 and forward, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Income from Child Tax Credit is asked starting in wave 2. In wave 2 and forward, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Income from Statutory Sick Pay is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Income from Jobseekers Allowance is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received benefits.

Differences with the RAND HRS

Family government transfer income in ELSA is expressed in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

Components included in Harmonized ELSA and RAND HRS are different for this variable, representing different institutional arrangements in each country. In any case, we kept the concepts included as comparable as possible.

ELSA Variables Used

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Wave 1 Financial:
    CB_P_I          partner current child benefit (iaa46/iaa60) - value (inc
    CB_P_T          partner current child benefit (iaa46/iaa60) - imputation
    CB_R_I          current child benefit (iaa46/iaa60) - value (incl. imput
    CB_R_T          current child benefit (iaa46/iaa60) - imputation flag
    DPTC_P_I        partner current dptc (iaa9/iaa29) - value (incl. imputed
    DPTC_P_T        partner current dptc (iaa9/iaa29) - imputation flag
    DPTC_R_I        current dptc (iaa9/iaa29) - value (incl. imputed values)
    DPTC_R_T        current dptc (iaa9/iaa29) - imputation flag
    GALL_P_I        partner current guardian's all (iaa44/iaa58) - value (in
    GALL_P_T        partner current guardian's all (iaa44/iaa58) - imputatio
    GALL_R_I        current guardian's all (iaa44/iaa58) - value (incl. impu
    GALL_R_T        current guardian's all (iaa44/iaa58) - imputation flag
    IS_P_I          prtnr current income support/mig (iaa41/iaa55) - value (
    IS_P_T          prtnr current income support/mig (iaa41/iaa55) - imputat
    IS_R_I          current income support/mig (iaa41/iaa55) - value (incl.
    IS_R_T          current income support/mig (iaa41/iaa55) - imputation fl
    JSA_P_I         partner current jsa (iaa43/iaa57) - value (incl. imputed
    JSA_P_T         partner current jsa (iaa43/iaa57) - imputation flag
    JSA_R_I         current jsa (iaa43/iaa57) - value (incl. imputed values)
    JSA_R_T         current jsa (iaa43/iaa57) - imputation flag
    SSP_P_I         partner current ssp (iaa3/iaa23) - value (incl. imputed
    SSP_P_T         partner current ssp (iaa3/iaa23) - imputation flag
    SSP_R_I         current ssp (iaa3/iaa23) - value (incl. imputed values)
    SSP_R_T         current ssp (iaa3/iaa23) - imputation flag
    WAR_P_I         partner current war pensions (iaa7/iaa27) - value (incl.
    WAR_P_T         partner current war pensions (iaa7/iaa27) - imputation f
    WAR_R_I         current war pensions (iaa7/iaa27) - value (incl. imputed
    WAR_R_T         current war pensions (iaa7/iaa27) - imputation flag
    WFTC_P_I        partner current wftc (iaa42/iaa56) - value (incl. impute
    WFTC_P_T        partner current wftc (iaa42/iaa56) - imputation flag
    WFTC_R_I        current wftc (iaa42/iaa56) - value (incl. imputed values
    WFTC_R_T        current wftc (iaa42/iaa56) - imputation flag
Wave 2 Financial:
    CB_P_I          partner current child benefit (iaa43/iaa61) - value (inc
    CB_P_T          partner current child benefit (iaa43/iaa61) - imputation
    CB_R_I          current child benefit (iaa43/iaa61) - value (incl. imput
    CB_R_T          current child benefit (iaa43/iaa61) - imputation flag
    CTC_P_I         partner current child tax credit (iaa44/iaa62) - value (
    CTC_P_T         partner current child tax credit (iaa44/iaa62) - imputat
    CTC_R_I         current child tax credit (iaa44/iaa62) - value (incl. im
    CTC_R_T         current child tax credit (iaa44/iaa62) - imputation flag
    GALL_P_I        partner current guardian's all (iaa41/iaa59) - value (in
    GALL_P_T        partner current guardian's all (iaa41/iaa59) - imputatio
    GALL_R_I        current guardian's all (iaa41/iaa59) - value (incl. impu
    GALL_R_T        current guardian's all (iaa41/iaa59) - imputation flag
    IS_P_I          prtnr current income support/mig (iaa37/iaa55) - value (
    IS_P_T          prtnr current income support/mig (iaa37/iaa55) - imputat
    IS_R_I          current income support/mig (iaa37/iaa55) - value (incl.
    IS_R_T          current income support/mig (iaa37/iaa55) - imputation fl
    JSA_P_I         partner current jsa (iaa40/iaa58) - value (incl. imputed
    JSA_P_T         partner current jsa (iaa40/iaa58) - imputation flag
    JSA_R_I         current jsa (iaa40/iaa58) - value (incl. imputed values)
    JSA_R_T         current jsa (iaa40/iaa58) - imputation flag
    PC_P_I          partner current pension credit  (iaa38/iaa56) - value (i
    PC_P_T          partner current pension credit  (iaa38/iaa56) - imputati
    PC_R_I          current pension credit (iaa38/iaa56) - value (incl. impu
    PC_R_T          current pension credit (iaa38/iaa56) - imputation flag
    SSP_P_I         partner current ssp (iaa3/iaa21) - value (incl. imputed
    SSP_P_T         partner current ssp (iaa3/iaa21) - imputation flag
    SSP_R_I         current ssp (iaa3/iaa21) - value (incl. imputed values)
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    SSP_R_T         current ssp (iaa3/iaa21) - imputation flag
    WAR_P_I         partner current war pensions (iaa7/iaa25) - value (incl.
    WAR_P_T         partner current war pensions (iaa7/iaa25) - imputation f
    WAR_R_I         current war pensions (iaa7/iaa25) - value (incl. imputed
    WAR_R_T         current war pensions (iaa7/iaa25) - imputation flag
    WTC_P_I         partner current wtc (iaa39/iaa57) - value (incl. imputed
    WTC_P_T         partner current wtc (iaa39/iaa57) - imputation flag
    WTC_R_I         current wtc (iaa39/iaa57) - value (incl. imputed values)
    WTC_R_T         current wtc (iaa39/iaa57) - imputation flag
Wave 3 Financial:
    CB_P_I          partner current child benefit (iaa43/iaa61) - value (inc
    CB_P_T          partner current child benefit (iaa43/iaa61) - imputation
    CB_R_I          current child benefit (iaa43/iaa61) - value (incl. imput
    CB_R_T          current child benefit (iaa43/iaa61) - imputation flag
    CTC_P_I         partner current child tax credit (iaa44/iaa62) - value (
    CTC_P_T         partner current child tax credit (iaa44/iaa62) - imputat
    CTC_R_I         current child tax credit (iaa44/iaa62) - value (incl. im
    CTC_R_T         current child tax credit (iaa44/iaa62) - imputation flag
    GALL_P_I        partner current guardian's all (iaa41/iaa59) - value (in
    GALL_P_T        partner current guardian's all (iaa41/iaa59) - imputatio
    GALL_R_I        current guardian's all (iaa41/iaa59) - value (incl. impu
    GALL_R_T        current guardian's all (iaa41/iaa59) - imputation flag
    IS_P_I          prtnr current income support/mig (iaa37/iaa55) - value (
    IS_P_T          prtnr current income support/mig (iaa37/iaa55) - imputat
    IS_R_I          current income support/mig (iaa37/iaa55) - value (incl.
    IS_R_T          current income support/mig (iaa37/iaa55) - imputation fl
    JSA_P_I         partner current jsa (iaa40/iaa58) - value (incl. imputed
    JSA_P_T         partner current jsa (iaa40/iaa58) - imputation flag
    JSA_R_I         current jsa (iaa40/iaa58) - value (incl. imputed values)
    JSA_R_T         current jsa (iaa40/iaa58) - imputation flag
    PC_P_I          partner current pension credit  (iaa38/iaa56) - value (i
    PC_P_T          partner current pension credit  (iaa38/iaa56) - imputati
    PC_R_I          current pension credit (iaa38/iaa56) - value (incl. impu
    PC_R_T          current pension credit (iaa38/iaa56) - imputation flag
    SSP_P_I         partner current ssp (iaa3/iaa21) - value (incl. imputed
    SSP_P_T         partner current ssp (iaa3/iaa21) - imputation flag
    SSP_R_I         current ssp (iaa3/iaa21) - value (incl. imputed values)
    SSP_R_T         current ssp (iaa3/iaa21) - imputation flag
    WAR_P_I         partner current war pensions (iaa7/iaa25) - value (incl.
    WAR_P_T         partner current war pensions (iaa7/iaa25) - imputation f
    WAR_R_I         current war pensions (iaa7/iaa25) - value (incl. imputed
    WAR_R_T         current war pensions (iaa7/iaa25) - imputation flag
    WTC_P_I         partner current wtc (iaa39/iaa57) - value (incl. imputed
    WTC_P_T         partner current wtc (iaa39/iaa57) - imputation flag
    WTC_R_I         current wtc (iaa39/iaa57) - value (incl. imputed values)
    WTC_R_T         current wtc (iaa39/iaa57) - imputation flag
Wave 4 Financial:
    CB_P_I          partner current child benefit (iaa43/iaa61) - value (inc
    CB_P_T          partner current child benefit (iaa43/iaa61) - imputation
    CB_R_I          current child benefit (iaa43/iaa61) - value (incl. imput
    CB_R_T          current child benefit (iaa43/iaa61) - imputation flag
    CTC_P_I         partner current child tax credit (iaa44/iaa62) - value (
    CTC_P_T         partner current child tax credit (iaa44/iaa62) - imputat
    CTC_R_I         current child tax credit (iaa44/iaa62) - value (incl. im
    CTC_R_T         current child tax credit (iaa44/iaa62) - imputation flag
    GALL_P_I        partner current guardian's all (iaa41/iaa59) - value (in
    GALL_P_T        partner current guardian's all (iaa41/iaa59) - imputatio
    GALL_R_I        current guardian's all (iaa41/iaa59) - value (incl. impu
    GALL_R_T        current guardian's all (iaa41/iaa59) - imputation flag
    IS_P_I          prtnr current income support/mig (iaa37/iaa55) - value (
    IS_P_T          prtnr current income support/mig (iaa37/iaa55) - imputat
    IS_R_I          current income support/mig (iaa37/iaa55) - value (incl.
    IS_R_T          current income support/mig (iaa37/iaa55) - imputation fl
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    JSA_P_I        partner current jsa (iaa40/iaa58) - value (incl. imputed
    JSA_P_T        partner current jsa (iaa40/iaa58) - imputation flag
    JSA_R_I        current jsa (iaa40/iaa58) - value (incl. imputed values)
    JSA_R_T        current jsa (iaa40/iaa58) - imputation flag
    PC_P_I         partner current pension credit  (iaa38/iaa56) - value (i
    PC_P_T         partner current pension credit  (iaa38/iaa56) - imputati
    PC_R_I         current pension credit (iaa38/iaa56) - value (incl. impu
    PC_R_T         current pension credit (iaa38/iaa56) - imputation flag
    SSP_P_I        partner current ssp (iaa3/iaa21) - value (incl. imputed
    SSP_P_T        partner current ssp (iaa3/iaa21) - imputation flag
    SSP_R_I        current ssp (iaa3/iaa21) - value (incl. imputed values)
    SSP_R_T        current ssp (iaa3/iaa21) - imputation flag
    WAR_P_I        partner current war pensions (iaa7/iaa25) - value (incl.
    WAR_P_T        partner current war pensions (iaa7/iaa25) - imputation f
    WAR_R_I        current war pensions (iaa7/iaa25) - value (incl. imputed
    WAR_R_T        current war pensions (iaa7/iaa25) - imputation flag
    WTC_P_I        partner current wtc (iaa39/iaa57) - value (incl. imputed
    WTC_P_T        partner current wtc (iaa39/iaa57) - imputation flag
    WTC_R_I        current wtc (iaa39/iaa57) - value (incl. imputed values)
    WTC_R_T        current wtc (iaa39/iaa57) - imputation flag
Wave 5 Financial:
    CB_P_I         partner current child benefit (iaa27/iaa36) - value (inc
    CB_P_T         partner current child benefit (iaa27/iaa36) - imputation
    CB_R_I         current child benefit (iaa27/iaa36) - value (incl. imput
    CB_R_T         current child benefit (iaa27/iaa36) - imputation flag
    CTC_P_I        partner current child tax credit (iaa28/iaa37) - value (
    CTC_P_T        partner current child tax credit (iaa28/iaa37) - imputat
    CTC_R_I        current child tax credit (iaa28/iaa37) - value (incl. im
    CTC_R_T        current child tax credit (iaa28/iaa37) - imputation flag
    GALL_P_I       partner current guardian's all (iaa25/iaa34) - value (in
    GALL_P_T       partner current guardian's all (iaa25/iaa34) - imputatio
    GALL_R_I       current guardian's all (iaa25/iaa34) - value (incl. impu
    GALL_R_T       current guardian's all (iaa25/iaa34) - imputation flag
    IS_P_I         prtnr current income support/mig (iaa21/iaa30) - value (
    IS_P_T         prtnr current income support/mig (iaa21/iaa30) - imputat
    IS_R_I         current income support/mig (iaa21/iaa30) - value (incl.
    IS_R_T         current income support/mig (iaa21/iaa30) - imputation fl
    JSA_P_I        partner current jsa (iaa24/iaa33) - value (incl. imputed
    JSA_P_T        partner current jsa (iaa24/iaa33) - imputation flag
    JSA_R_I        current jsa (iaa24/iaa33) - value (incl. imputed values)
    JSA_R_T        current jsa (iaa24/iaa33) - imputation flag
    PC_P_I         partner current pension credit  (iaa22/iaa31) - value (i
    PC_P_T         partner current pension credit  (iaa22/iaa31) - imputati
    PC_R_I         current pension credit (iaa22/iaa31) - value (incl. impu
    PC_R_T         current pension credit (iaa22/iaa31) - imputation flag
    SSP_P_I        partner current ssp (iaa4/iaa14) - value (incl. imputed
    SSP_P_T        partner current ssp (iaa4/iaa14) - imputation flag
    SSP_R_I        current ssp (iaa4/iaa14) - value (incl. imputed values)
    SSP_R_T        current ssp (iaa4/iaa14) - imputation flag
    WAR_P_I        partner current war pensions (iaa8/iaa18) - value (incl.
    WAR_P_T        partner current war pensions (iaa8/iaa18) - imputation f
    WAR_R_I        current war pensions (iaa8/iaa18) - value (incl. imputed
    WAR_R_T        current war pensions (iaa8/iaa18) - imputation flag
    WTC_P_I        partner current wtc (iaa23/iaa32) - value (incl. imputed
    WTC_P_T        partner current wtc (iaa23/iaa32) - imputation flag
    WTC_R_I        current wtc (iaa23/iaa32) - value (incl. imputed values)
    WTC_R_T        current wtc (iaa23/iaa32) - imputation flag
Wave 6 Financial:
    CB_P_I         partner current child benefit (iaa27/iaa36) - value (inc
    CB_P_T         partner current child benefit (iaa27/iaa36) - imputation
    CB_R_I         current child benefit (iaa27/iaa36) - value (incl. imput
    CB_R_T         current child benefit (iaa27/iaa36) - imputation flag
    CTC_P_I        partner current child tax credit (iaa28/iaa37) - value (
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    CTC_P_T        partner current child tax credit (iaa28/iaa37) - imputat
    CTC_R_I        current child tax credit (iaa28/iaa37) - value (incl. im
    CTC_R_T        current child tax credit (iaa28/iaa37) - imputation flag
    GALL_P_I       partner current guardian's all (iaa25/iaa34) - value (in
    GALL_P_T       partner current guardian's all (iaa25/iaa34) - imputatio
    GALL_R_I       current guardian's all (iaa25/iaa34) - value (incl. impu
    GALL_R_T       current guardian's all (iaa25/iaa34) - imputation flag
    IS_P_I         prtnr current income support/mig (iaa21/iaa30) - value (
    IS_P_T         prtnr current income support/mig (iaa21/iaa30) - imputat
    IS_R_I         current income support/mig (iaa21/iaa30) - value (incl.
    IS_R_T         current income support/mig (iaa21/iaa30) - imputation fl
    JSA_P_I        partner current jsa (iaa24/iaa33) - value (incl. imputed
    JSA_P_T        partner current jsa (iaa24/iaa33) - imputation flag
    JSA_R_I        current jsa (iaa24/iaa33) - value (incl. imputed values)
    JSA_R_T        current jsa (iaa24/iaa33) - imputation flag
    PC_P_I         partner current pension credit  (iaa22/iaa31) - value (i
    PC_P_T         partner current pension credit  (iaa22/iaa31) - imputati
    PC_R_I         current pension credit (iaa22/iaa31) - value (incl. impu
    PC_R_T         current pension credit (iaa22/iaa31) - imputation flag
    SSP_P_I        partner current ssp (iaa4/iaa14) - value (incl. imputed
    SSP_P_T        partner current ssp (iaa4/iaa14) - imputation flag
    SSP_R_I        current ssp (iaa4/iaa14) - value (incl. imputed values)
    SSP_R_T        current ssp (iaa4/iaa14) - imputation flag
    WAR_P_I        partner current war pensions (iaa8/iaa18) - value (incl.
    WAR_P_T        partner current war pensions (iaa8/iaa18) - imputation f
    WAR_R_I        current war pensions (iaa8/iaa18) - value (incl. imputed
    WAR_R_T        current war pensions (iaa8/iaa18) - imputation flag
    WTC_P_I        partner current wtc (iaa23/iaa32) - value (incl. imputed
    WTC_P_T        partner current wtc (iaa23/iaa32) - imputation flag
    WTC_R_I        current wtc (iaa23/iaa32) - value (incl. imputed values)
    WTC_R_T        current wtc (iaa23/iaa32) - imputation flag
Wave 7 Financial:
    CB_P_I         partner current child benefit (iaa27/iaa36) - value (inc
    CB_P_T         partner current child benefit (iaa27/iaa36) - imputation
    CB_R_I         current child benefit (iaa27/iaa36) - value (incl. imput
    CB_R_T         current child benefit (iaa27/iaa36) - imputation flag
    CTC_P_I        partner current child tax credit (iaa28/iaa37) - value (
    CTC_P_T        partner current child tax credit (iaa28/iaa37) - imputat
    CTC_R_I        current child tax credit (iaa28/iaa37) - value (incl. im
    CTC_R_T        current child tax credit (iaa28/iaa37) - imputation flag
    GALL_P_I       partner current guardian's all (iaa25/iaa34) - value (in
    GALL_P_T       partner current guardian's all (iaa25/iaa34) - imputatio
    GALL_R_I       current guardian's all (iaa25/iaa34) - value (incl. impu
    GALL_R_T       current guardian's all (iaa25/iaa34) - imputation flag
    IS_P_I         prtnr current income support/mig (iaa21/iaa30) - value (
    IS_P_T         prtnr current income support/mig (iaa21/iaa30) - imputat
    IS_R_I         current income support/mig (iaa23/iaa33) - value (incl.
    IS_R_T         current income support/mig (iaa23/iaa33) - imputation fl
    JSA_P_I        partner current jsa (iaa24/iaa33) - value (incl. imputed
    JSA_P_T        partner current jsa (iaa24/iaa33) - imputation flag
    JSA_R_I        current jsa (iaa24/iaa33) - value (incl. imputed values)
    JSA_R_T        current jsa (iaa24/iaa33) - imputation flag
    PC_P_I         partner current pension credit  (iaa22/iaa31) - value (i
    PC_P_T         partner current pension credit  (iaa22/iaa31) - imputati
    PC_R_I         current pension credit (iaa22/iaa31) - value (incl. impu
    PC_R_T         current pension credit (iaa22/iaa31) - imputation flag
    SSP_P_I        partner current ssp (iaa4/iaa14) - value (incl. imputed
    SSP_P_T        partner current ssp (iaa4/iaa14) - imputation flag
    SSP_R_I        current ssp (iaa4/iaa14) - value (incl. imputed values)
    SSP_R_T        current ssp (iaa4/iaa14) - imputation flag
    WAR_P_I        partner current war pensions (iaa8/iaa18) - value (incl.
    WAR_P_T        partner current war pensions (iaa8/iaa18) - imputation f
    WAR_R_I        current war pensions (iaa8/iaa18) - value (incl. imputed
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WAR_R_T         current war pensions (iaa8/iaa18) - imputation flag
WTC_P_I         partner current wtc (iaa23/iaa32) - value (incl. imputed
WTC_P_T         partner current wtc (iaa23/iaa32) - imputation flag
WTC_R_I         current wtc (iaa23/iaa32) - value (incl. imputed values)
WTC_R_T         current wtc (iaa23/iaa32) - imputation flag
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Other Regular Payments

Wave	Variable	Label	Type
1	H1IOTHR	h1iothr:w1 income: other income	Cont
2	H2IOTHR	h2iothr:w2 income: other income	Cont
3	H3IOTHR	h3iothr:w3 income: other income	Cont
4	H4IOTHR	h4iothr:w4 income: other income	Cont
5	H5IOTHR	h5iothr:w5 income: other income	Cont
6	H6IOTHR	h6iothr:w6 income: other income	Cont
7	H7IOTHR	h7iothr:w7 income: other income	Cont
1	H1IFOTHR	h1ifothr:w1 impflag: other income	Categ
2	H2IFOTHR	h2ifothr:w2 impflag: other income	Categ
3	H3IFOTHR	h3ifothr:w3 impflag: other income	Categ
4	H4IFOTHR	h4ifothr:w4 impflag: other income	Categ
5	H5IFOTHR	h5ifothr:w5 impflag: other income	Categ
6	H6IFOTHR	h6ifothr:w6 impflag: other income	Categ
7	H7IFOTHR	h7ifothr:w7 impflag: other income	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1IOTHR	11919	51.42	788.04	0.00	36027.71
H2IOTHR	9338	31.40	415.76	0.00	13210.16
H3IOTHR	9556	47.99	673.90	0.00	29796.00
H4IOTHR	10788	57.10	874.12	0.00	33644.00
H5IOTHR	10072	43.05	587.39	0.00	36027.71
H6IOTHR	10401	77.81	1542.44	0.00	93672.06
H7IOTHR	9457	79.52	996.78	0.00	31200.00
H1IFOTHR	12099	5.99	0.69	1.00	9.00
H2IFOTHR	9432	5.99	0.62	1.00	9.00
H3IFOTHR	9771	6.03	0.75	1.00	10.00
H4IFOTHR	11050	6.04	0.75	1.00	10.00
H5IFOTHR	10274	6.02	0.74	1.00	10.00
H6IFOTHR	10601	6.01	0.76	1.00	10.00
H7IFOTHR	9666	6.02	0.79	1.00	10.00

Categorical Variable Codes

Value	H1IFOTHR	H2IFOTHR	H3IFOTHR	H4IFOTHR	H5IFOTHR	H6IFOTHR	H7IFOTHR
1.continuous value	147	99	113	121	121	134	133
2.closed range bracket	4				2	1	1
3.open range bracket	3						
5.no value/bracket	4	4	13	7	4	8	9
6.no income	11660	9168	9328	10574	9879	10183	9227
7.dk	73	39	69	53	37	36	47
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

How Constructed

HwIOTHR represents household earnings from other regular payments. Reasons for other regular payments include: financial support for children, household bills/expenses, spending money/allowance, loan repayment, maintenance or alimony, royalties, or other. HwIOTHR is expressed as an annual equivalent in nominal pounds and includes information from the following derived variable:

othpay_r_i and othpay_p_i record the respondent's and partner's regular payments. If the respondent declares to have received this type of payment during the last year then he is asked: What period did

your usual payments cover? And about how much did you usually receive? It is expressed as a weekly equivalent in nominal pounds.

HwIOTHR is defined as: (othpay_r_i + othpay_p_i)*52. For anonymity purposes, households who indicated an income from other regular payments greater than 100,000 pounds had responses top-coded as special missing .t. Don't know and missing responses are coded as .d and .m, respectively. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed. HwIOTHR is set to plain missing (.) when respondents do not respond to the current wave.

HwIFOTHR is a flag variable based on the original flag variables (othpay_r_t, othpay_p_t), indicating response type for regular payments. HwIFOTHR is set to plain missing (.) when respondents do not respond to the current wave.

Cross Wave Differences in ELSA

Other income is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves. Bracket amounts vary with the reference period of the received payment. Waves 1, 2, 5, and onward include a check for reporting receiving more than £4,000 per week, more than £8,000 every two weeks, more than £16,000 per month, or more than £200,000 per year.

Differences with the RAND HRS

Income from other regular payments in ELSA is expressed in nominal pounds, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

ELSA Variables Used

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Wave 1 Financial:
    OTHPAY_P_I     prtnr total oth reg payments (iaregm/iapam2) - value (in
    OTHPAY_P_T     prtnr total oth reg payments (iaregm/iapam2) - imputatio
    OTHPAY_R_I     total other regular payments (iaregm/iapam2) - value (in
    OTHPAY_R_T     total other regular payments (iaregm/iapam2) - imputatio
Wave 2 Financial:
    OTHPAY_P_I     prtnr total oth reg payments (iaregm/iapam2) - value (in
    OTHPAY_P_T     prtnr total oth reg payments (iaregm/iapam2) - imputatio
    OTHPAY_R_I     total other regular payments (iaregm/iapam2) - value (in
    OTHPAY_R_T     total other regular payments (iaregm/iapam2) - imputatio
Wave 3 Financial:
    OTHPAY_P_I     prtnr total oth reg payments (iaregm/iapam2) - value (in
    OTHPAY_P_T     prtnr total oth reg payments (iaregm/iapam2) - imputatio
    OTHPAY_R_I     total other regular payments (iaregm/iapam2) - value (in
    OTHPAY_R_T     total other regular payments (iaregm/iapam2) - imputatio
Wave 4 Financial:
    OTHPAY_P_I     prtnr total oth reg payments (iaregm/iapam2) - value (in
    OTHPAY_P_T     prtnr total oth reg payments (iaregm/iapam2) - imputatio
    OTHPAY_R_I     total other regular payments (iaregm/iapam2) - value (in
    OTHPAY_R_T     total other regular payments (iaregm/iapam2) - imputatio
Wave 5 Financial:
    OTHPAY_P_I     prtnr total oth reg payments (iaregm/iapam2) - value (in
    OTHPAY_P_T     prtnr total oth reg payments (iaregm/iapam2) - imputatio
    OTHPAY_R_I     total other regular payments (iaregm/iapam2) - value (in
    OTHPAY_R_T     total other regular payments (iaregm/iapam2) - imputatio
Wave 6 Financial:
    OTHPAY_P_I     prtnr total oth reg payments (iaregm/iapam2) - value (in
    OTHPAY_P_T     prtnr total oth reg payments (iaregm/iapam2) - imputatio
    OTHPAY_R_I     total other regular payments (iaregm/iapam2) - value (in
    OTHPAY_R_T     total other regular payments (iaregm/iapam2) - imputatio
Wave 7 Financial:
    OTHPAY_P_I     prtnr total oth reg payments (iaregm/iapam2) - value (in
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OTHPAY_P_T     prtnr total oth reg payments (iaregm/iapam2) - imputatio
OTHPAY_R_I     total other regular payments (iaregm/iapam2) - value (in
OTHPAY_R_T     total other regular payments (iaregm/iapam2) - imputatio
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Total Family Income

Wave	Variable	Label	Type
1	H1ITOT	h1itot:w1 income: total couple level income	Cont
2	H2ITOT	h2itot:w2 income: total couple level income	Cont
3	H3ITOT	h3itot:w3 income: total couple level income	Cont
4	H4ITOT	h4itot:w4 income: total couple level income	Cont
5	H5ITOT	h5itot:w5 income: total couple level income	Cont
6	H6ITOT	h6itot:w6 income: total couple level income	Cont
7	H7ITOT	h7itot:w7 income: total couple level income	Cont
1	H1IFTOT	h1iftot:w1 impflag: total couple level income	Categ
2	H2IFTOT	h2iftot:w2 impflag: total couple level income	Categ
3	H3IFTOT	h3iftot:w3 impflag: total couple level income	Categ
4	H4IFTOT	h4iftot:w4 impflag: total couple level income	Categ
5	H5IFTOT	h5iftot:w5 impflag: total couple level income	Categ
6	H6IFTOT	h6iftot:w6 impflag: total couple level income	Categ
7	H7IFTOT	h7iftot:w7 impflag: total couple level income	Categ
1	H1IFTTOT	h1ifttot:w1 taxflag: total couple level income	Categ
2	H2IFTTOT	h2ifttot:w2 taxflag: total couple level income	Categ
3	H3IFTTOT	h3ifttot:w3 taxflag: total couple level income	Categ
4	H4IFTTOT	h4ifttot:w4 taxflag: total couple level income	Categ
5	H5IFTTOT	h5ifttot:w5 taxflag: total couple level income	Categ
6	H6IFTTOT	h6ifttot:w6 taxflag: total couple level income	Categ
7	H7IFTTOT	h7ifttot:w7 taxflag: total couple level income	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1ITOT	11886	18937.06	20124.68	-44999.18	879210.81
H2ITOT	9310	20747.08	19974.62	-643.00	502850.53
H3ITOT	9523	23156.58	20765.25	-10000.00	434922.91
H4ITOT	10755	25081.32	20896.40	-81173.53	292863.88
H5ITOT	10043	26000.11	24645.12	-3142.24	515831.81
H6ITOT	10361	28749.00	33493.48	-38250.00	838983.06
H7ITOT	9417	28827.72	22312.51	-20475.00	356055.44
H1IFTOT	12099	2.54	2.08	1.00	9.00
H2IFTOT	9432	2.41	2.00	1.00	9.00
H3IFTOT	9771	2.55	2.19	1.00	10.00
H4IFTOT	11050	2.59	2.19	1.00	10.00
H5IFTOT	10274	2.59	2.26	1.00	10.00
H6IFTOT	10601	2.44	2.15	1.00	10.00
H7IFTOT	9666	2.48	2.19	1.00	10.00
H1IFTTOT	11995	2.11	0.31	2.00	3.00
H2IFTTOT	9332	2.10	0.30	2.00	3.00
H3IFTTOT	9571	2.12	0.32	2.00	3.00
H4IFTTOT	10816	2.10	0.30	2.00	3.00
H5IFTTOT	10094	2.12	0.33	2.00	3.00
H6IFTTOT	10405	2.13	0.33	2.00	3.00
H7IFTTOT	9452	2.12	0.33	2.00	3.00

Categorical Variable Codes

Value	H1IFTOT	H2IFTOT	H3IFTOT	H4IFTOT	H5IFTOT	H6IFTOT	H7IFTOT
1.continuous value	5791	4903	5164	5686	5539	6144	5529

2.closed range bracket	2813	2003	1718	1999	1700	1427	1327
3.open range bracket	209	183	160	216	144	206	163
5.no value/bracket	2327	1692	1885	2222	1775	2016	1842
6.no income	17	9	10	24	15	39	65
7.dk	734	520	586	608	870	530	491
9.non-responding spouse	208	122	197	227	159	164	185
10.institutional interview			51	68	72	75	64

Value	H1IFTTOT	H2IFTTOT	H3IFTTOT	H4IFTTOT	H5IFTTOT	H6IFTTOT	H7IFTTOT
.u:Unmar			38	42	43	52	40
.v:SP NR	104	100	162	192	137	144	174
2.After tax	10672	8378	8452	9732	8881	9095	8296
3.Mixed before & after tax	1323	954	1119	1084	1213	1310	1156

How Constructed

HwITOT is derived at the benefit unit level. In ELSA, this is a couple or a single person with any dependent children they may have. Therefore, the information reported is combined for those couples keeping finances separately in order to obtain a benefit unit definition. Imputations were not obtained for 1) couples where neither member answers the IA module; 2) couples keeping separate finances where one member does not answer the IA module; 3) singles who do not answer the IA module. The Total Family Income takes value “missing”, .m, in these cases. Monetary income flows are expressed as annual amounts in nominal pounds and include information of the following generated variables:

Individual earnings and spouse earnings, as described above.

Family capital income, as described above.

Individual income from employer or private pension and annuity and spouse income from employer or private pension and annuity, as described above.

Individual income from public pensions and spouse income from public pensions, as described above.

Individual other government transfers and spouse other government transfers, as described above.

Individual other regular payments and spouse other regular payments, as described above.

Total Family Income is given by the sum of all these items, that is: RwITEARN + SwITEARN + HwICAP + RwITPENA + SwITPENA + RwIPUBPEN + SwIPUBPEN + RwIGXFR + SwIGXFR + RwIREGPAY + SwIREGPAY. For anonymity purposes, respondents who indicated a total family income greater than 900,000 pounds had responses top-coded as special missing .t. Don't know and missing responses are set to .d and .m, respectively. HwITOT is set to plain missing (.) for respondents who did not respond to the current wave.

HwIFTOT is a flag variable based on the original flag variables (flag variables previously constructed), indicating response types for Total Family Income. HwIFTOT is set to plain missing (.) for respondents who did not respond to the current wave.

HwIFTTOT is a flag variable indicating the tax status of the components of HwITOT. HwIFTTOT is set to 1 if all variables comprising HwITOT are before tax and other deductions. HwIFTTOT is set to 2 if all variables comprising HwITOT are after tax and other deductions. HwIFTTOT is set to 3 if before tax variables and after tax variables are combined to create HwITOT. HwIFTTOT is set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in ELSA

Individual earnings and spouse earnings, family capital income, individual income from employer or private pension and annuity and spouse income from employer or private pension and annuity, individual income from public pensions and spouse income from public pensions, individual government transfers and spouse government transfers, and individual regular payments and spouse regular payments are constructed as defined previously.

Differences with the RAND HRS

Total family income in ELSA is expressed in nominal pounds, whereas the equivalent measure in RAND HRS is

in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data. Components included in Harmonized ELSA and RAND HRS are different for this variable, as described above, representing different institutional arrangements in each country. In any case, we kept the concepts included as comparable as possible.

ELSA Variables Used

Wave 1 Financial:

ATTALL_P_I	partner current att allowance (iaa4/iaa24) - value (incl
ATTALL_P_T	partner current att allowance (iaa4/iaa24) - imputation
ATTALL_R_I	current attendance allowance (iaa4/iaa24) - value (incl.
ATTALL_R_T	current attendance allowance (iaa4/iaa24) - imputation f
BONDSI_BU_I	bu income from bonds and gilts (iabgi) - value (incl. im
BONDSI_BU_T	bu income from bonds and gilts (iabgi) - imputation flag
CB_P_I	partner current child benefit (iaa46/iaa60) - value (inc
CB_P_T	partner current child benefit (iaa46/iaa60) - imputation
CB_R_I	current child benefit (iaa46/iaa60) - value (incl. imput
CB_R_T	current child benefit (iaa46/iaa60) - imputation flag
DLA_P_I	partner current dla (iaa5/iaa25) - value (incl. imputed
DLA_P_T	partner current dla (iaa5/iaa25) - imputation flag
DLA_R_I	current dla (iaa5/iaa25) - value (incl. imputed values)
DLA_R_T	current dla (iaa5/iaa25) - imputation flag
DPTC_P_I	partner current dptc (iaa9/iaa29) - value (incl. imputed
DPTC_P_I	partner current dptc (iaa9/iaa29) - value (incl. imputed
DPTC_P_T	partner current dptc (iaa9/iaa29) - imputation flag
DPTC_P_T	partner current dptc (iaa9/iaa29) - imputation flag
DPTC_R_I	current dptc (iaa9/iaa29) - value (incl. imputed values)
DPTC_R_I	current dptc (iaa9/iaa29) - value (incl. imputed values)
DPTC_R_T	current dptc (iaa9/iaa29) - imputation flag
DPTC_R_T	current dptc (iaa9/iaa29) - imputation flag
FARMI_BU_I	bu inc from farm or business property (iafba) - value (i
FARMI_BU_T	bu inc from farm or business property (iafba) - imputati
GALL_P_I	partner current guardian's all (iaa44/iaa58) - value (in
GALL_P_T	partner current guardian's all (iaa44/iaa58) - imputatio
GALL_R_I	current guardian's all (iaa44/iaa58) - value (incl. impu
GALL_R_T	current guardian's all (iaa44/iaa58) - imputation flag
HOMEI_BU_I	bu rent from 2nd home and oth property (iaira) - value (
HOMEI_BU_T	bu rent from 2nd home and oth property (iaira) - imputat
ICB_P_I	partner current incapacity benefit (iaa1/iaa21) - value
ICB_P_T	partner current incapacity benefit (iaa1/iaa21) - imputa
ICB_R_I	current incapacity benefit (iaa1/iaa21) - value (incl. i
ICB_R_T	current incapacity benefit (iaa1/iaa21) - imputation fla
INDINJ_P_I	partner current ind inj benefit (iaa6/iaa26) - value (in
INDINJ_P_T	partner current ind inj benefit (iaa6/iaa26) - imputatio
INDINJ_R_I	current ind inj benefit (iaa6/iaa26) - value (incl. impu
INDINJ_R_T	current ind inj benefit (iaa6/iaa26) - imputation flag
INVCARE_P_I	partner current invalid care all (iaa8/iaa28) - value (i
INVCARE_P_T	partner current invalid care all (iaa8/iaa28) - imputati
INVCARE_R_I	current invalid care all (iaa8/iaa28) - value (incl. imp
INVCARE_R_T	current invalid care all (iaa8/iaa28) - imputation flag
ISAI_BU_I	bu interest from isa (iaisad) - value (incl. imputed val
ISAI_BU_T	bu interest from isa (iaisad) - imputation flag
IS_P_I	prtnr current income support/mig (iaa41/iaa55) - value (
IS_P_T	prtnr current income support/mig (iaa41/iaa55) - imputat
IS_R_I	current income support/mig (iaa41/iaa55) - value (incl.
IS_R_T	current income support/mig (iaa41/iaa55) - imputation fl
JSA_P_I	partner current jsa (iaa43/iaa57) - value (incl. imputed
JSA_P_T	partner current jsa (iaa43/iaa57) - imputation flag
JSA_R_I	current jsa (iaa43/iaa57) - value (incl. imputed values)
JSA_R_T	current jsa (iaa43/iaa57) - imputation flag
NETPROF_BU_I	bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
NETPROF_BU_T	bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
NSAVI_BU_I	bu interest from national savings a/cs (iansi) - value (

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    NSAVI_BU_T     bu interest from national savings a/cs (iansi) - imputat
    OJ_P_I         partner inc from subsid jobs (wpesj/wpesjm) - value (inc
    OJ_P_T         partner inc from subsid jobs (wpesj/wpesjm) - imputation
    OJ_R_I         inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
    OJ_R_T         inc from subsid jobs (wpesj/wpesjm) - imputation flag
    OTHPAY_P_I     prtnr total oth reg payments (iaregm/iapam2) - value (in
    OTHPAY_P_T     prtnr total oth reg payments (iaregm/iapam2) - imputatio
    OTHPAY_R_I     total other regular payments (iaregm/iapam2) - value (in
    OTHPAY_R_T     total other regular payments (iaregm/iapam2) - imputatio
    OTHSAVI_BU_I   bu income from other savings (iasioi) - value (incl. imp
    OTHSAVI_BU_T   bu income from other savings (iasioi) - imputation flag
    PEPI_BU_I      bu income from peps (iaipi) - value (incl. imputed value
    PEPI_BU_T      bu income from peps (iaipi) - imputation flag
    PPINC_BU_S     bu tot annuitised income (priv pen + oth annuity income)
    PPINC_BU_T     bu tot annuitised income (priv pen + oth annuity income)
    PRBONDSI_BU_I  bu prize money from premium bonds (ianpbp) - value (incl
    PRBONDSI_BU_T  bu prize money from premium bonds (ianpbp) - imputation
    SAVEI_BU_I     bu interest from current/savings a/cs (iasint) - value (
    SAVEI_BU_T     bu interest from current/savings a/cs (iasint) - imputat
    SDA_P_I        partner current sda (iaa2/iaa22) - value (incl. imputed
    SDA_P_T        partner current sda (iaa2/iaa22) - imputation flag
    SDA_R_I        current sda (iaa2/iaa22) - value (incl. imputed values)
    SDA_R_T        current sda (iaa2/iaa22) - imputation flag
    SEDRAW_BU_I    bu self-emp drawings (wpbi) - value (incl. imputed value
    SEDRAW_BU_T    bu self-emp drawings (wpbi) - imputation flag
    SHARESI_BU_I   bu income from shares (iasssi) - value (incl. imputed va
    SHARESI_BU_T   bu income from shares (iasssi) - imputation flag
    SPEN_P_I       partner state pension income (iapam/iappam)  - value (in
    SPEN_P_T       partner state pension income (iapam/iappam)  - imputatio
    SPEN_R_I       state pension income (iapam/iappam) - value (incl. imput
    SPEN_R_T       state pension income (iapam/iappam) - imputation flag
    SSP_P_I        partner current ssp (iaa3/iaa23) - value (incl. imputed
    SSP_P_T        partner current ssp (iaa3/iaa23) - imputation flag
    SSP_R_I        current ssp (iaa3/iaa23) - value (incl. imputed values)
    SSP_R_T        current ssp (iaa3/iaa23) - imputation flag
    TESSAI_BU_I    bu interest from tessa (iatii) - value (incl. imputed va
    TESSAI_BU_T    bu interest from tessa (iatii) - imputation flag
    THP_P_I        partner take-home pay last time (wpthp) - value (incl. i
    THP_P_T        partner take-home pay last time (wpthp) - imputation fla
    THP_R_I        take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T        take-home pay last time (wpthp) - imputation flag
    TRUSTSI_BU_I   bu income from trusts (iauiti) - value (incl. imputed va
    TRUSTSI_BU_T   bu income from trusts (iauiti) - imputation flag
    WAR_P_I        partner current war pensions (iaa7/iaa27) - value (incl.
    WAR_P_T        partner current war pensions (iaa7/iaa27) - imputation f
    WAR_R_I        current war pensions (iaa7/iaa27) - value (incl. imputed
    WAR_R_T        current war pensions (iaa7/iaa27) - imputation flag
    WFTC_P_I       partner current wftc (iaa42/iaa56) - value (incl. impute
    WFTC_P_T       partner current wftc (iaa42/iaa56) - imputation flag
    WFTC_R_I       current wftc (iaa42/iaa56) - value (incl. imputed values
    WFTC_R_T       current wftc (iaa42/iaa56) - imputation flag
    WIDPEN_P_I     partner current widow's pension (iaa45/iaa59) - value (i
    WIDPEN_P_T     partner current widow's pension (iaa45/iaa59) - imputati
    WIDPEN_R_I     current widow's pension (iaa45/iaa59) - value (incl. imp
    WIDPEN_R_T     current widow's pension (iaa45/iaa59) - imputation flag
Wave 2 Financial:
    ATTALL_P_I     partner current att allowance (iaa4/iaa22) - value (incl
    ATTALL_P_T     partner current att allowance (iaa4/iaa22) - imputation
    ATTALL_R_I     current attendance allowance (iaa4/iaa22) - value (incl.
    ATTALL_R_T     current attendance allowance (iaa4/iaa22) - imputation f
    BONDSI_BU_I    bu income from bonds and gilts (iabgi) - value (incl. im
    BONDSI_BU_T    bu income from bonds and gilts (iabgi) - imputation flag
    CARERS_P_I     partner current invalid care all (iaa8/iaa26) - value (i
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CARERS_P_T	partner current invalid care all (iaa8/iaa26) - imputati
CARERS_R_I	current invalid care all (iaa8/iaa26) - value (incl. imp
CARERS_R_T	current invalid care all (iaa8/iaa26) - imputation flag
CB_P_I	partner current child benefit (iaa43/iaa61) - value (inc
CB_P_T	partner current child benefit (iaa43/iaa61) - imputation
CB_R_I	current child benefit (iaa43/iaa61) - value (incl. imput
CB_R_T	current child benefit (iaa43/iaa61) - imputation flag
CTC_P_I	partner current child tax credit (iaa44/iaa62) - value (
CTC_P_T	partner current child tax credit (iaa44/iaa62) - imputat
CTC_R_I	current child tax credit (iaa44/iaa62) - value (incl. im
CTC_R_T	current child tax credit (iaa44/iaa62) - imputation flag
DLA_P_I	partner current dla (iaa5/iaa23) - value (incl. imputed
DLA_P_T	partner current dla (iaa5/iaa23) - imputation flag
DLA_R_I	current dla (iaa5/iaa23) - value (incl. imputed values)
DLA_R_T	current dla (iaa5/iaa23) - imputation flag
FARMI_BU_I	bu inc from farm or business property (iafba) - value (i
FARMI_BU_T	bu inc from farm or business property (iafba) - imputati
GALL_P_I	partner current guardian's all (iaa41/iaa59) - value (in
GALL_P_T	partner current guardian's all (iaa41/iaa59) - imputatio
GALL_R_I	current guardian's all (iaa41/iaa59) - value (incl. impu
GALL_R_T	current guardian's all (iaa41/iaa59) - imputation flag
HOMEI_BU_I	bu rent from 2nd home and oth property (iaira) - value (
HOMEI_BU_T	bu rent from 2nd home and oth property (iaira) - imputat
ICB_P_I	partner current incapacity benefit (iaa1/iaa19) - value
ICB_P_T	partner current incapacity benefit (iaa1/iaa19) - imputa
ICB_R_I	current incapacity benefit (iaa1/iaa19) - value (incl. i
ICB_R_T	current incapacity benefit (iaa1/iaa19) - imputation fla
INDINJ_P_I	partner current ind inj benefit (iaa6/iaa24) - value (in
INDINJ_P_T	partner current ind inj benefit (iaa6/iaa24) - imputatio
INDINJ_R_I	current ind inj benefit (iaa6/iaa24) - value (incl. impu
INDINJ_R_T	current ind inj benefit (iaa6/iaa24) - imputation flag
ISAI_BU_I	bu interest from isa (iaisad) - value (incl. imputed val
ISAI_BU_T	bu interest from isa (iaisad) - imputation flag
IS_P_I	prtnr current income support/mig (iaa37/iaa55) - value (
IS_P_T	prtnr current income support/mig (iaa37/iaa55) - imputat
IS_R_I	current income support/mig (iaa37/iaa55) - value (incl.
IS_R_T	current income support/mig (iaa37/iaa55) - imputation fl
JSA_P_I	partner current jsa (iaa40/iaa58) - value (incl. imputed
JSA_P_T	partner current jsa (iaa40/iaa58) - imputation flag
JSA_R_I	current jsa (iaa40/iaa58) - value (incl. imputed values)
JSA_R_T	current jsa (iaa40/iaa58) - imputation flag
NETPROF_BU_I	bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
NETPROF_BU_T	bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
NSAVI_BU_I	bu interest from national savings a/cs (iansi) - value (
NSAVI_BU_T	bu interest from national savings a/cs (iansi) - imputat
OJ_P_I	partner inc from subsid jobs (wpesj/wpesjm) - value (inc
OJ_P_T	partner inc from subsid jobs (wpesj/wpesjm) - imputation
OJ_R_I	inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
OJ_R_T	inc from subsid jobs (wpesj/wpesjm) - imputation flag
OTHPAY_P_I	prtnr total oth reg payments (iaregm/iapam2) - value (in
OTHPAY_P_T	prtnr total oth reg payments (iaregm/iapam2) - imputatio
OTHPAY_R_I	total other regular payments (iaregm/iapam2) - value (in
OTHPAY_R_T	total other regular payments (iaregm/iapam2) - imputatio
OTHSAVI_BU_I	bu income from other savings (iasioi) - value (incl. imp
OTHSAVI_BU_T	bu income from other savings (iasioi) - imputation flag
PC_P_I	partner current pension credit (iaa38/iaa56) - value (i
PC_P_T	partner current pension credit (iaa38/iaa56) - imputati
PC_R_I	current pension credit (iaa38/iaa56) - value (incl. impu
PC_R_T	current pension credit (iaa38/iaa56) - imputation flag
PEPI_BU_I	bu income from peps (iaipi) - value (incl. imputed value
PEPI_BU_T	bu income from peps (iaipi) - imputation flag
PPINC_BU_S	bu tot annuitised income (priv pen + oth annuity income)
PPINC_BU_T	bu tot annuitised income (priv pen + oth annuity income)

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    PRBONDSI_BU_I  bu prize money from premium bonds (ianpbp) - value (incl
    PRBONDSI_BU_T  bu prize money from premium bonds (ianpbp) - imputation
    SAVEI_BU_I     bu interest from current/savings a/cs (iasint) - value (
    SAVEI_BU_T     bu interest from current/savings a/cs (iasint) - imputat
    SDA_P_I        partner current sda (iaa2/iaa20) - value (incl. imputed
    SDA_P_T        partner current sda (iaa2/iaa20) - imputation flag
    SDA_R_I        current sda (iaa2/iaa20) - value (incl. imputed values)
    SDA_R_T        current sda (iaa2/iaa20) - imputation flag
    SEDRAW_BU_I    bu self-emp drawings (wpbi) - value (incl. imputed value
    SEDRAW_BU_T    bu self-emp drawings (wpbi) - imputation flag
    SHARESI_BU_I   bu income from shares (iasssi) - value (incl. imputed va
    SHARESI_BU_T   bu income from shares (iasssi) - imputation flag
    SPEN_P_I       partner state pension income (iapam/iappam)  - value (in
    SPEN_P_T       partner state pension income (iapam/iappam)  - imputatio
    SPEN_R_I       state pension income (iapam/iappam) - value (incl. imput
    SPEN_R_T       state pension income (iapam/iappam) - imputation flag
    SSP_P_I        partner current ssp (iaa3/iaa21) - value (incl. imputed
    SSP_P_T        partner current ssp (iaa3/iaa21) - imputation flag
    SSP_R_I        current ssp (iaa3/iaa21) - value (incl. imputed values)
    SSP_R_T        current ssp (iaa3/iaa21) - imputation flag
    TESSAI_BU_I    bu interest from tessa (iatii) - value (incl. imputed va
    TESSAI_BU_T    bu interest from tessa (iatii) - imputation flag
    THP_P_I        partner take-home pay last time (wpthp) - value (incl. i
    THP_P_T        partner take-home pay last time (wpthp) - imputation fla
    THP_R_I        take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T        take-home pay last time (wpthp) - imputation flag
    TRUSTSI_BU_I   bu income from trusts (iauiti) - value (incl. imputed va
    TRUSTSI_BU_T   bu income from trusts (iauiti) - imputation flag
    WAR_P_I        partner current war pensions (iaa7/iaa25) - value (incl.
    WAR_P_T        partner current war pensions (iaa7/iaa25) - imputation f
    WAR_R_I        current war pensions (iaa7/iaa25) - value (incl. imputed
    WAR_R_T        current war pensions (iaa7/iaa25) - imputation flag
    WIDPEN_P_I     partner current widow's pension (iaa42/iaa60) - value (i
    WIDPEN_P_T     partner current widow's pension (iaa42/iaa60) - imputati
    WIDPEN_R_I     current widow's pension (iaa42/iaa60) - value (incl. imp
    WIDPEN_R_T     current widow's pension (iaa42/iaa60) - imputation flag
    WTC_P_I        partner current wtc (iaa39/iaa57) - value (incl. imputed
    WTC_P_T        partner current wtc (iaa39/iaa57) - imputation flag
    WTC_R_I        current wtc (iaa39/iaa57) - value (incl. imputed values)
    WTC_R_T        current wtc (iaa39/iaa57) - imputation flag
Wave 3 Financial:
    ATTALL_P_I     partner current att allowance (iaa4/iaa22) - value (incl
    ATTALL_P_T     partner current att allowance (iaa4/iaa22) - imputation
    ATTALL_R_I     current attendance allowance (iaa4/iaa22) - value (incl.
    ATTALL_R_T     current attendance allowance (iaa4/iaa22) - imputation f
    BONDSI_BU_I    bu income from bonds and gilts (iabgi) - value (incl. im
    BONDSI_BU_T    bu income from bonds and gilts (iabgi) - imputation flag
    CARERS_P_I     partner current invalid care all (iaa8/iaa26) - value (i
    CARERS_P_T     partner current invalid care all (iaa8/iaa26) - imputati
    CARERS_R_I     current invalid care all (iaa8/iaa26) - value (incl. imp
    CARERS_R_T     current invalid care all (iaa8/iaa26) - imputation flag
    CB_P_I         partner current child benefit (iaa43/iaa61) - value (inc
    CB_P_T         partner current child benefit (iaa43/iaa61) - imputation
    CB_R_I         current child benefit (iaa43/iaa61) - value (incl. imput
    CB_R_T         current child benefit (iaa43/iaa61) - imputation flag
    CTC_P_I        partner current child tax credit (iaa44/iaa62) - value (
    CTC_P_T        partner current child tax credit (iaa44/iaa62) - imputat
    CTC_R_I        current child tax credit (iaa44/iaa62) - value (incl. im
    CTC_R_T        current child tax credit (iaa44/iaa62) - imputation flag
    DLA_P_I        partner current dla (iaa5/iaa23) - value (incl. imputed
    DLA_P_T        partner current dla (iaa5/iaa23) - imputation flag
    DLA_R_I        current dla (iaa5/iaa23) - value (incl. imputed values)
    DLA_R_T        current dla (iaa5/iaa23) - imputation flag
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FARMI_BU_I	bu inc from farm or business property (iafba) - value (i
FARMI_BU_T	bu inc from farm or business property (iafba) - imputati
GALL_P_I	partner current guardian's all (iaa41/iaa59) - value (in
GALL_P_T	partner current guardian's all (iaa41/iaa59) - imputatio
GALL_R_I	current guardian's all (iaa41/iaa59) - value (incl. impu
GALL_R_T	current guardian's all (iaa41/iaa59) - imputation flag
HOMEI_BU_I	bu rent from 2nd home and oth property (iaira) - value (
HOMEI_BU_T	bu rent from 2nd home and oth property (iaira) - imputat
ICB_P_I	partner current incapacity benefit (iaa1/iaa19) - value
ICB_P_T	partner current incapacity benefit (iaa1/iaa19) - imputa
ICB_R_I	current incapacity benefit (iaa1/iaa19) - value (incl. i
ICB_R_T	current incapacity benefit (iaa1/iaa19) - imputation fla
INDINJ_P_I	partner current ind inj benefit (iaa6/iaa24) - value (in
INDINJ_P_T	partner current ind inj benefit (iaa6/iaa24) - imputatio
INDINJ_R_I	current ind inj benefit (iaa6/iaa24) - value (incl. impu
INDINJ_R_T	current ind inj benefit (iaa6/iaa24) - imputation flag
ISAI_BU_I	bu interest from isa (iaisad) - value (incl. imputed val
ISAI_BU_T	bu interest from isa (iaisad) - imputation flag
IS_P_I	prtnr current income support/mig (iaa37/iaa55) - value (
IS_P_T	prtnr current income support/mig (iaa37/iaa55) - imputat
IS_R_I	current income support/mig (iaa37/iaa55) - value (incl.
IS_R_T	current income support/mig (iaa37/iaa55) - imputation fl
JSA_P_I	partner current jsa (iaa40/iaa58) - value (incl. imputed
JSA_P_T	partner current jsa (iaa40/iaa58) - imputation flag
JSA_R_I	current jsa (iaa40/iaa58) - value (incl. imputed values)
JSA_R_T	current jsa (iaa40/iaa58) - imputation flag
NETPROF_BU_I	bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
NETPROF_BU_T	bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
NSAVI_BU_I	bu interest from national savings a/cs (iansi) - value (
NSAVI_BU_T	bu interest from national savings a/cs (iansi) - imputat
OJ_P_I	partner inc from subsid jobs (wpesj/wpesjm) - value (inc
OJ_P_T	partner inc from subsid jobs (wpesj/wpesjm) - imputation
OJ_R_I	inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
OJ_R_T	inc from subsid jobs (wpesj/wpesjm) - imputation flag
OTHPAY_P_I	prtnr total oth reg payments (iaregm/iapam2) - value (in
OTHPAY_P_T	prtnr total oth reg payments (iaregm/iapam2) - imputatio
OTHPAY_R_I	total other regular payments (iaregm/iapam2) - value (in
OTHPAY_R_T	total other regular payments (iaregm/iapam2) - imputatio
OTHSAVI_BU_I	bu income from other savings (iasioi) - value (incl. imp
OTHSAVI_BU_T	bu income from other savings (iasioi) - imputation flag
PC_P_I	partner current pension credit (iaa38/iaa56) - value (i
PC_P_T	partner current pension credit (iaa38/iaa56) - imputati
PC_R_I	current pension credit (iaa38/iaa56) - value (incl. impu
PC_R_T	current pension credit (iaa38/iaa56) - imputation flag
PEPI_BU_I	bu income from peps (iaipi) - value (incl. imputed value
PEPI_BU_T	bu income from peps (iaipi) - imputation flag
PPINC_BU_S	bu tot annuitised income (priv pen + oth annuity income)
PPINC_BU_T	bu tot annuitised income (priv pen + oth annuity income)
PRBONDSI_BU_I	bu prize money from premium bonds (ianpbp) - value (incl
PRBONDSI_BU_T	bu prize money from premium bonds (ianpbp) - imputation
SAVEI_BU_I	bu interest from current/savings a/cs (iasint) - value (
SAVEI_BU_T	bu interest from current/savings a/cs (iasint) - imputat
SDA_P_I	partner current sda (iaa2/iaa20) - value (incl. imputed
SDA_P_T	partner current sda (iaa2/iaa20) - imputation flag
SDA_R_I	current sda (iaa2/iaa20) - value (incl. imputed values)
SDA_R_T	current sda (iaa2/iaa20) - imputation flag
SEDRAW_BU_I	bu self-emp drawings (wpbi) - value (incl. imputed value
SEDRAW_BU_T	bu self-emp drawings (wpbi) - imputation flag
SHARESI_BU_I	bu income from shares (iasssi) - value (incl. imputed va
SHARESI_BU_T	bu income from shares (iasssi) - imputation flag
SPEN_P_I	partner state pension income (iapam/iappam) - value (in
SPEN_P_T	partner state pension income (iapam/iappam) - imputatio
SPEN_R_I	state pension income (iapam/iappam) - value (incl. imput

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    SPEN_R_T       state pension income (iapam/iappam) - imputation flag
    SSP_P_I        partner current ssp (iaa3/iaa21) - value (incl. imputed
    SSP_P_T        partner current ssp (iaa3/iaa21) - imputation flag
    SSP_R_I        current ssp (iaa3/iaa21) - value (incl. imputed values)
    SSP_R_T        current ssp (iaa3/iaa21) - imputation flag
    TESSAI_BU_I    bu interest from tessa (iatii) - value (incl. imputed va
    TESSAI_BU_T    bu interest from tessa (iatii) - imputation flag
    THP_P_I        partner take-home pay last time (wpthp) - value (incl. i
    THP_P_T        partner take-home pay last time (wpthp) - imputation fla
    THP_R_I        take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T        take-home pay last time (wpthp) - imputation flag
    TRUSTSI_BU_I   bu income from trusts (iauiti) - value (incl. imputed va
    TRUSTSI_BU_T   bu income from trusts (iauiti) - imputation flag
    WAR_P_I        partner current war pensions (iaa7/iaa25) - value (incl.
    WAR_P_T        partner current war pensions (iaa7/iaa25) - imputation f
    WAR_R_I        current war pensions (iaa7/iaa25) - value (incl. imputed
    WAR_R_T        current war pensions (iaa7/iaa25) - imputation flag
    WIDPEN_P_I     partner current widow's pension (iaa42/iaa60) - value (i
    WIDPEN_P_T     partner current widow's pension (iaa42/iaa60) - imputati
    WIDPEN_R_I     current widow's pension (iaa42/iaa60) - value (incl. imp
    WIDPEN_R_T     current widow's pension (iaa42/iaa60) - imputation flag
    WTC_P_I        partner current wtc (iaa39/iaa57) - value (incl. imputed
    WTC_P_T        partner current wtc (iaa39/iaa57) - imputation flag
    WTC_R_I        current wtc (iaa39/iaa57) - value (incl. imputed values)
    WTC_R_T        current wtc (iaa39/iaa57) - imputation flag
Wave 4 Financial:
    ATTALL_P_I     partner current att allowance (iaa4/iaa22) - value (incl
    ATTALL_P_T     partner current att allowance (iaa4/iaa22) - imputation
    ATTALL_R_I     current attendance allowance (iaa4/iaa22) - value (incl.
    ATTALL_R_T     current attendance allowance (iaa4/iaa22) - imputation f
    BONDSI_BU_I    bu income from bonds and gilts (iabgi) - value (incl. im
    BONDSI_BU_T    bu income from bonds and gilts (iabgi) - imputation flag
    CARERS_P_I     partner current invalid care all (iaa8/iaa26) - value (i
    CARERS_P_T     partner current invalid care all (iaa8/iaa26) - imputati
    CARERS_R_I     current invalid care all (iaa8/iaa26) - value (incl. imp
    CARERS_R_T     current invalid care all (iaa8/iaa26) - imputation flag
    CB_P_I         partner current child benefit (iaa43/iaa61) - value (inc
    CB_P_T         partner current child benefit (iaa43/iaa61) - imputation
    CB_R_I         current child benefit (iaa43/iaa61) - value (incl. imput
    CB_R_T         current child benefit (iaa43/iaa61) - imputation flag
    CTC_P_I        partner current child tax credit (iaa44/iaa62) - value (
    CTC_P_T        partner current child tax credit (iaa44/iaa62) - imputat
    CTC_R_I        current child tax credit (iaa44/iaa62) - value (incl. im
    CTC_R_T        current child tax credit (iaa44/iaa62) - imputation flag
    DLA_P_I        partner current dla (iaa5/iaa23) - value (incl. imputed
    DLA_P_T        partner current dla (iaa5/iaa23) - imputation flag
    DLA_R_I        current dla (iaa5/iaa23) - value (incl. imputed values)
    DLA_R_T        current dla (iaa5/iaa23) - imputation flag
    FARMI_BU_I     bu inc from farm or business property (iafba) - value (i
    FARMI_BU_T     bu inc from farm or business property (iafba) - imputati
    GALL_P_I       partner current guardian's all (iaa41/iaa59) - value (in
    GALL_P_T       partner current guardian's all (iaa41/iaa59) - imputatio
    GALL_R_I       current guardian's all (iaa41/iaa59) - value (incl. impu
    GALL_R_T       current guardian's all (iaa41/iaa59) - imputation flag
    HOMEI_BU_I     bu rent from 2nd home and oth property (iaira) - value (
    HOMEI_BU_T     bu rent from 2nd home and oth property (iaira) - imputat
    ICB_P_I        partner current incapacity benefit (iaa1/iaa19) - value
    ICB_P_T        partner current incapacity benefit (iaa1/iaa19) - imputa
    ICB_R_I        current incapacity benefit (iaa1/iaa19) - value (incl. i
    ICB_R_T        current incapacity benefit (iaa1/iaa19) - imputation fla
    INDINJ_P_I     partner current ind inj benefit (iaa6/iaa24) - value (in
    INDINJ_P_T     partner current ind inj benefit (iaa6/iaa24) - imputatio
    INDINJ_R_I     current ind inj benefit (iaa6/iaa24) - value (incl. impu
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INDINJ_R_T	current ind inj benefit (iaa6/iaa24) - imputation flag
ISAI_BU_I	bu interest from isa (iaisad) - value (incl. imputed val
ISAI_BU_T	bu interest from isa (iaisad) - imputation flag
IS_P_I	prtnr current income support/mig (iaa37/iaa55) - value (
IS_P_T	prtnr current income support/mig (iaa37/iaa55) - imputat
IS_R_I	current income support/mig (iaa37/iaa55) - value (incl.
IS_R_T	current income support/mig (iaa37/iaa55) - imputation fl
JSA_P_I	partner current jsa (iaa40/iaa58) - value (incl. imputed
JSA_P_T	partner current jsa (iaa40/iaa58) - imputation flag
JSA_R_I	current jsa (iaa40/iaa58) - value (incl. imputed values)
JSA_R_T	current jsa (iaa40/iaa58) - imputation flag
NETPROF_BU_I	bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
NETPROF_BU_T	bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
NSAVI_BU_I	bu interest from national savings a/cs (iansi) - value (
NSAVI_BU_T	bu interest from national savings a/cs (iansi) - imputat
OJ_P_I	partner inc from subsid jobs (wpesj/wpesjm) - value (inc
OJ_P_T	partner inc from subsid jobs (wpesj/wpesjm) - imputation
OJ_R_I	inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
OJ_R_T	inc from subsid jobs (wpesj/wpesjm) - imputation flag
OTHPAY_P_I	prtnr total oth reg payments (iaregm/iapam2) - value (in
OTHPAY_P_T	prtnr total oth reg payments (iaregm/iapam2) - imputatio
OTHPAY_R_I	total other regular payments (iaregm/iapam2) - value (in
OTHPAY_R_T	total other regular payments (iaregm/iapam2) - imputatio
OTHSAVI_BU_I	bu income from other savings (iasioi) - value (incl. imp
OTHSAVI_BU_T	bu income from other savings (iasioi) - imputation flag
PC_P_I	partner current pension credit (iaa38/iaa56) - value (i
PC_P_T	partner current pension credit (iaa38/iaa56) - imputati
PC_R_I	current pension credit (iaa38/iaa56) - value (incl. impu
PC_R_T	current pension credit (iaa38/iaa56) - imputation flag
PEPI_BU_I	bu income from peps (iaipi) - value (incl. imputed value
PEPI_BU_T	bu income from peps (iaipi) - imputation flag
PPINC_BU_S	bu tot annuitised income (priv pen + oth annuity income)
PPINC_BU_T	bu tot annuitised income (priv pen + oth annuity income)
PRBONDSI_BU_I	bu prize money from premium bonds (ianpbp) - value (incl
PRBONDSI_BU_T	bu prize money from premium bonds (ianpbp) - imputation
SAVEI_BU_I	bu interest from current/savings a/cs (iasint) - value (
SAVEI_BU_T	bu interest from current/savings a/cs (iasint) - imputat
SDA_P_I	partner current sda (iaa2/iaa20) - value (incl. imputed
SDA_P_T	partner current sda (iaa2/iaa20) - imputation flag
SDA_R_I	current sda (iaa2/iaa20) - value (incl. imputed values)
SDA_R_T	current sda (iaa2/iaa20) - imputation flag
SEDRAW_BU_I	bu self-emp drawings (wpbi) - value (incl. imputed value
SEDRAW_BU_T	bu self-emp drawings (wpbi) - imputation flag
SHARESI_BU_I	bu income from shares (iasssi) - value (incl. imputed va
SHARESI_BU_T	bu income from shares (iasssi) - imputation flag
SPEN_P_I	partner state pension income (iapam/iappam) - value (in
SPEN_P_T	partner state pension income (iapam/iappam) - imputatio
SPEN_R_I	state pension income (iapam/iappam) - value (incl. imput
SPEN_R_T	state pension income (iapam/iappam) - imputation flag
SSP_P_I	partner current ssp (iaa3/iaa21) - value (incl. imputed
SSP_P_T	partner current ssp (iaa3/iaa21) - imputation flag
SSP_R_I	current ssp (iaa3/iaa21) - value (incl. imputed values)
SSP_R_T	current ssp (iaa3/iaa21) - imputation flag
TESSAI_BU_I	bu interest from tessa (iatii) - value (incl. imputed va
TESSAI_BU_T	bu interest from tessa (iatii) - imputation flag
THP_P_I	partner take-home pay last time (wpthp) - value (incl. i
THP_P_T	partner take-home pay last time (wpthp) - imputation fla
THP_R_I	take-home pay last time (wpthp) - value (incl. imputed v
THP_R_T	take-home pay last time (wpthp) - imputation flag
TRUSTSI_BU_I	bu income from trusts (iauiti) - value (incl. imputed va
TRUSTSI_BU_T	bu income from trusts (iauiti) - imputation flag
WAR_P_I	partner current war pensions (iaa7/iaa25) - value (incl.
WAR_P_T	partner current war pensions (iaa7/iaa25) - imputation f

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    WAR_R_I        current war pensions (iaa7/iaa25) - value (incl. imputed
    WAR_R_T        current war pensions (iaa7/iaa25) - imputation flag
    WIDPEN_P_I     partner current widow's pension (iaa42/iaa60) - value (i
    WIDPEN_P_T     partner current widow's pension (iaa42/iaa60) - imputati
    WIDPEN_R_I     current widow's pension (iaa42/iaa60) - value (incl. imp
    WIDPEN_R_T     current widow's pension (iaa42/iaa60) - imputation flag
    WTC_P_I        partner current wtc (iaa39/iaa57) - value (incl. imputed
    WTC_P_T        partner current wtc (iaa39/iaa57) - imputation flag
    WTC_R_I        current wtc (iaa39/iaa57) - value (incl. imputed values)
    WTC_R_T        current wtc (iaa39/iaa57) - imputation flag
Wave 5 Financial:
    ATTALL_P_I     partner current att allowance (iaa5/iaa15) - value (incl
    ATTALL_P_T     partner current att allowance (iaa5/iaa15) - imputation
    ATTALL_R_I     current attendance allowance (iaa5/iaa15) - value (incl.
    ATTALL_R_T     current attendance allowance (iaa5/iaa15) - imputation f
    BONDSI_BU_I    bu income from bonds and gilts (iabgi) - value (incl. im
    BONDSI_BU_T    bu income from bonds and gilts (iabgi) - imputation flag
    CARERS_P_I     partner current invalid care all (iaa9/iaa19) - value (i
    CARERS_P_T     partner current invalid care all (iaa9/iaa19) - imputati
    CARERS_R_I     current invalid care all (iaa9/iaa19) - value (incl. imp
    CARERS_R_T     current invalid care all (iaa9/iaa19) - imputation flag
    CB_P_I         partner current child benefit (iaa27/iaa36) - value (inc
    CB_P_T         partner current child benefit (iaa27/iaa36) - imputation
    CB_R_I         current child benefit (iaa27/iaa36) - value (incl. imput
    CB_R_T         current child benefit (iaa27/iaa36) - imputation flag
    CTC_P_I        partner current child tax credit (iaa28/iaa37) - value (
    CTC_P_T        partner current child tax credit (iaa28/iaa37) - imputat
    CTC_R_I        current child tax credit (iaa28/iaa37) - value (incl. im
    CTC_R_T        current child tax credit (iaa28/iaa37) - imputation flag
    DLA_P_I        partner current dla (iaa6/iaa16) - value (incl. imputed
    DLA_P_T        partner current dla (iaa6/iaa16) - imputation flag
    DLA_R_I        current dla (iaa6/iaa16) - value (incl. imputed values)
    DLA_R_T        current dla (iaa6/iaa16) - imputation flag
    FARMI_BU_I     bu inc from farm or business property (iafba) - value (i
    FARMI_BU_T     bu inc from farm or business property (iafba) - imputati
    GALL_P_I       partner current guardian's all (iaa25/iaa34) - value (in
    GALL_P_T       partner current guardian's all (iaa25/iaa34) - imputatio
    GALL_R_I       current guardian's all (iaa25/iaa34) - value (incl. impu
    GALL_R_T       current guardian's all (iaa25/iaa34) - imputation flag
    HOMEI_BU_I     bu rent from 2nd home and oth property (iaira) - value (
    HOMEI_BU_T     bu rent from 2nd home and oth property (iaira) - imputat
    ICB_P_I        partner current incapacity benefit (iaa1/iaa11) - value
    ICB_P_T        partner current incapacity benefit (iaa1/iaa11) - imputa
    ICB_R_I        current incapacity benefit (iaa1/iaa11) - value (incl. i
    ICB_R_T        current incapacity benefit (iaa1/iaa11) - imputation fla
    INDINJ_P_I     partner current ind inj benefit (iaa7/iaa17) - value (in
    INDINJ_P_T     partner current ind inj benefit (iaa7/iaa17) - imputatio
    INDINJ_R_I     current ind inj benefit (iaa7/iaa17) - value (incl. impu
    INDINJ_R_T     current ind inj benefit (iaa7/iaa17) - imputation flag
    ISAI_BU_I      bu interest from isa (iaisad) - value (incl. imputed val
    ISAI_BU_T      bu interest from isa (iaisad) - imputation flag
    IS_P_I         prtnr current income support/mig (iaa21/iaa30) - value (
    IS_P_T         prtnr current income support/mig (iaa21/iaa30) - imputat
    IS_R_I         current income support/mig (iaa21/iaa30) - value (incl.
    IS_R_T         current income support/mig (iaa21/iaa30) - imputation fl
    JSA_P_I        partner current jsa (iaa24/iaa33) - value (incl. imputed
    JSA_P_T        partner current jsa (iaa24/iaa33) - imputation flag
    JSA_R_I        current jsa (iaa24/iaa33) - value (incl. imputed values)
    JSA_R_T        current jsa (iaa24/iaa33) - imputation flag
    NETPROF_BU_I   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
    NETPROF_BU_T   bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
    NSAVI_BU_I     bu interest from national savings a/cs (iansi) - value (
    NSAVI_BU_T     bu interest from national savings a/cs (iansi) - imputat
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    OJ_P_I          partner inc from subsid jobs (wpesj/wpesjm) - value (inc
    OJ_P_T          partner inc from subsid jobs (wpesj/wpesjm) - imputation
    OJ_R_I          inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
    OJ_R_T          inc from subsid jobs (wpesj/wpesjm) - imputation flag
    OTHPAY_P_I      prtnr total oth reg payments (iaregm/iapam2) - value (in
    OTHPAY_P_T      prtnr total oth reg payments (iaregm/iapam2) - imputatio
    OTHPAY_R_I      total other regular payments (iaregm/iapam2) - value (in
    OTHPAY_R_T      total other regular payments (iaregm/iapam2) - imputatio
    OTHSAVI_BU_I    bu income from other savings (iasioi) - value (incl. imp
    OTHSAVI_BU_T    bu income from other savings (iasioi) - imputation flag
    PC_P_I          partner current pension credit  (iaa22/iaa31) - value (i
    PC_P_T          partner current pension credit  (iaa22/iaa31) - imputati
    PC_R_I          current pension credit (iaa22/iaa31) - value (incl. impu
    PC_R_T          current pension credit (iaa22/iaa31) - imputation flag
    PEPI_BU_I       bu income from peps (iaipi) - value (incl. imputed value
    PEPI_BU_T       bu income from peps (iaipi) - imputation flag
    PPINC_BU_S      bu tot annuitised income (priv pen + oth annuity income)
    PPINC_BU_T      bu tot annuitised income (priv pen + oth annuity income)
    PRBONDSI_BU_I   bu prize money from premium bonds (ianpbp) - value (incl
    PRBONDSI_BU_T   bu prize money from premium bonds (ianpbp) - imputation
    SAVEI_BU_I      bu interest from current/savings a/cs (iasint) - value (
    SAVEI_BU_T      bu interest from current/savings a/cs (iasint) - imputat
    SDA_P_I         partner current sda (iaa3/iaa13) - value (incl. imputed
    SDA_P_T         partner current sda (iaa3/iaa13) - imputation flag
    SDA_R_I         current sda (iaa3/iaa13) - value (incl. imputed values)
    SDA_R_T         current sda (iaa3/iaa13) - imputation flag
    SEDRAW_BU_I     bu self-emp drawings (wpbi) - value (incl. imputed value
    SEDRAW_BU_T     bu self-emp drawings (wpbi) - imputation flag
    SHARESI_BU_I    bu income from shares (iasssi) - value (incl. imputed va
    SHARESI_BU_T    bu income from shares (iasssi) - imputation flag
    SPEN_P_I        partner state pension income (iapam/iappam)  - value (in
    SPEN_P_T        partner state pension income (iapam/iappam)  - imputatio
    SPEN_R_I        state pension income (iapam/iappam) - value (incl. imput
    SPEN_R_T        state pension income (iapam/iappam) - imputation flag
    SSP_P_I         partner current ssp (iaa4/iaa14) - value (incl. imputed
    SSP_P_T         partner current ssp (iaa4/iaa14) - imputation flag
    SSP_R_I         current ssp (iaa4/iaa14) - value (incl. imputed values)
    SSP_R_T         current ssp (iaa4/iaa14) - imputation flag
    TESSAI_BU_I     bu interest from tessa (iatii) - value (incl. imputed va
    TESSAI_BU_T     bu interest from tessa (iatii) - imputation flag
    THP_P_I         partner take-home pay last time (wpthp) - value (incl. i
    THP_P_T         partner take-home pay last time (wpthp) - imputation fla
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
    TRUSTSI_BU_I    bu income from trusts (iauiti) - value (incl. imputed va
    TRUSTSI_BU_T    bu income from trusts (iauiti) - imputation flag
    WAR_P_I         partner current war pensions (iaa8/iaa18) - value (incl.
    WAR_P_T         partner current war pensions (iaa8/iaa18) - imputation f
    WAR_R_I         current war pensions (iaa8/iaa18) - value (incl. imputed
    WAR_R_T         current war pensions (iaa8/iaa18) - imputation flag
    WIDPEN_P_I      partner current widow's pension (iaa26/iaa35 - value (in
    WIDPEN_P_T      partner current widow's pension (iaa26/iaa35 - imputatio
    WIDPEN_R_I      current widow's pension (iaa26/iaa35) - value (incl. imp
    WIDPEN_R_T      current widow's pension (iaa26/iaa35) - imputation flag
    WTC_P_I         partner current wtc (iaa23/iaa32) - value (incl. imputed
    WTC_P_T         partner current wtc (iaa23/iaa32) - imputation flag
    WTC_R_I         current wtc (iaa23/iaa32) - value (incl. imputed values)
    WTC_R_T         current wtc (iaa23/iaa32) - imputation flag
Wave 6 Financial:
    ATTALL_P_I      partner current att allowance (iaa5/iaa15) - value (incl
    ATTALL_P_T      partner current att allowance (iaa5/iaa15) - imputation
    ATTALL_R_I      current attendance allowance (iaa5/iaa15) - value (incl.
    ATTALL_R_T      current attendance allowance (iaa5/iaa15) - imputation f
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BONDSI_BU_I	bu income from bonds and gilts (iabgi) - value (incl. im
BONDSI_BU_T	bu income from bonds and gilts (iabgi) - imputation flag
CARERS_P_I	partner current invalid care all (iaa9/iaa19) - value (i
CARERS_P_T	partner current invalid care all (iaa9/iaa19) - imputati
CARERS_R_I	current invalid care all (iaa9/iaa19) - value (incl. imp
CARERS_R_T	current invalid care all (iaa9/iaa19) - imputation flag
CB_P_I	partner current child benefit (iaa27/iaa36) - value (inc
CB_P_T	partner current child benefit (iaa27/iaa36) - imputation
CB_R_I	current child benefit (iaa27/iaa36) - value (incl. imput
CB_R_T	current child benefit (iaa27/iaa36) - imputation flag
CTC_P_I	partner current child tax credit (iaa28/iaa37) - value (
CTC_P_T	partner current child tax credit (iaa28/iaa37) - imputat
CTC_R_I	current child tax credit (iaa28/iaa37) - value (incl. im
CTC_R_T	current child tax credit (iaa28/iaa37) - imputation flag
DLA_P_I	partner current dla (iaa6/iaa16) - value (incl. imputed
DLA_P_T	partner current dla (iaa6/iaa16) - imputation flag
DLA_R_I	current dla (iaa6/iaa16) - value (incl. imputed values)
DLA_R_T	current dla (iaa6/iaa16) - imputation flag
FARMI_BU_I	bu inc from farm or business property (iafba) - value (i
FARMI_BU_T	bu inc from farm or business property (iafba) - imputati
GALL_P_I	partner current guardian's all (iaa25/iaa34) - value (in
GALL_P_T	partner current guardian's all (iaa25/iaa34) - imputatio
GALL_R_I	current guardian's all (iaa25/iaa34) - value (incl. impu
GALL_R_T	current guardian's all (iaa25/iaa34) - imputation flag
HOMEI_BU_I	bu rent from 2nd home and oth property (iaira) - value (
HOMEI_BU_T	bu rent from 2nd home and oth property (iaira) - imputat
ICB_P_I	partner current incapacity benefit (iaa1/iaa11) - value
ICB_P_T	partner current incapacity benefit (iaa1/iaa11) - imputa
ICB_R_I	current incapacity benefit (iaa1/iaa11) - value (incl. i
ICB_R_T	current incapacity benefit (iaa1/iaa11) - imputation fla
INDINJ_P_I	partner current ind inj benefit (iaa7/iaa17) - value (in
INDINJ_P_T	partner current ind inj benefit (iaa7/iaa17) - imputatio
INDINJ_R_I	current ind inj benefit (iaa7/iaa17) - value (incl. impu
INDINJ_R_T	current ind inj benefit (iaa7/iaa17) - imputation flag
ISAI_BU_I	bu interest from isa (iaisad) - value (incl. imputed val
ISAI_BU_T	bu interest from isa (iaisad) - imputation flag
IS_P_I	prtnr current income support/mig (iaa21/iaa30) - value (
IS_P_T	prtnr current income support/mig (iaa21/iaa30) - imputat
IS_R_I	current income support/mig (iaa21/iaa30) - value (incl.
IS_R_T	current income support/mig (iaa21/iaa30) - imputation fl
JSA_P_I	partner current jsa (iaa24/iaa33) - value (incl. imputed
JSA_P_T	partner current jsa (iaa24/iaa33) - imputation flag
JSA_R_I	current jsa (iaa24/iaa33) - value (incl. imputed values)
JSA_R_T	current jsa (iaa24/iaa33) - imputation flag
NETPROF_BU_I	bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
NETPROF_BU_T	bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
NSAVI_BU_I	bu interest from national savings a/cs (iansi) - value (
NSAVI_BU_T	bu interest from national savings a/cs (iansi) - imputat
OJ_P_I	partner inc from subsid jobs (wpesj/wpesjm) - value (inc
OJ_P_T	partner inc from subsid jobs (wpesj/wpesjm) - imputation
OJ_R_I	inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
OJ_R_T	inc from subsid jobs (wpesj/wpesjm) - imputation flag
OTHPAY_P_I	prtnr total oth reg payments (iaregm/iapam2) - value (in
OTHPAY_P_T	prtnr total oth reg payments (iaregm/iapam2) - imputatio
OTHPAY_R_I	total other regular payments (iaregm/iapam2) - value (in
OTHPAY_R_T	total other regular payments (iaregm/iapam2) - imputatio
OTHSAVI_BU_I	bu income from other savings (iasioi) - value (incl. imp
OTHSAVI_BU_T	bu income from other savings (iasioi) - imputation flag
PC_P_I	partner current pension credit (iaa22/iaa31) - value (i
PC_P_T	partner current pension credit (iaa22/iaa31) - imputati
PC_R_I	current pension credit (iaa22/iaa31) - value (incl. impu
PC_R_T	current pension credit (iaa22/iaa31) - imputation flag
PEPI_BU_I	bu income from peps (iaipi) - value (incl. imputed value

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    PEPI_BU_T      bu income from peps (iaipi) - imputation flag
    PPINC_BU_S     bu tot annuitised income (priv pen + oth annuity income)
    PPINC_BU_T     bu tot annuitised income (priv pen + oth annuity income)
    PRBONDSI_BU_I  bu prize money from premium bonds (ianpbp) - value (incl
    PRBONDSI_BU_T  bu prize money from premium bonds (ianpbp) - imputation
    SAVEI_BU_I     bu interest from current/savings a/cs (iasint) - value (
    SAVEI_BU_T     bu interest from current/savings a/cs (iasint) - imputat
    SDA_P_I        partner current sda (iaa3/iaa13) - value (incl. imputed
    SDA_P_T        partner current sda (iaa3/iaa13) - imputation flag
    SDA_R_I        current sda (iaa3/iaa13) - value (incl. imputed values)
    SDA_R_T        current sda (iaa3/iaa13) - imputation flag
    SEDRAW_BU_I    bu self-emp drawings (wpbi) - value (incl. imputed value
    SEDRAW_BU_T    bu self-emp drawings (wpbi) - imputation flag
    SHARESI_BU_I   bu income from shares (iasssi) - value (incl. imputed va
    SHARESI_BU_T   bu income from shares (iasssi) - imputation flag
    SPEN_P_I       partner state pension income (iapam/iappam)  - value (in
    SPEN_P_T       partner state pension income (iapam/iappam)  - imputatio
    SPEN_R_I       state pension income (iapam/iappam) - value (incl. imput
    SPEN_R_T       state pension income (iapam/iappam) - imputation flag
    SSP_P_I        partner current ssp (iaa4/iaa14) - value (incl. imputed
    SSP_P_T        partner current ssp (iaa4/iaa14) - imputation flag
    SSP_R_I        current ssp (iaa4/iaa14) - value (incl. imputed values)
    SSP_R_T        current ssp (iaa4/iaa14) - imputation flag
    TESSAI_BU_I    bu interest from tessa (iatii) - value (incl. imputed va
    TESSAI_BU_T    bu interest from tessa (iatii) - imputation flag
    THP_P_I        partner take-home pay last time (wpthp) - value (incl. i
    THP_P_T        partner take-home pay last time (wpthp) - imputation fla
    THP_R_I        take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T        take-home pay last time (wpthp) - imputation flag
    TRUSTSI_BU_I   bu income from trusts (iauiti) - value (incl. imputed va
    TRUSTSI_BU_T   bu income from trusts (iauiti) - imputation flag
    WAR_P_I        partner current war pensions (iaa8/iaa18) - value (incl.
    WAR_P_T        partner current war pensions (iaa8/iaa18) - imputation f
    WAR_R_I        current war pensions (iaa8/iaa18) - value (incl. imputed
    WAR_R_T        current war pensions (iaa8/iaa18) - imputation flag
    WIDPEN_P_I     partner current widow's pension (iaa26/iaa35 - value (in
    WIDPEN_P_T     partner current widow's pension (iaa26/iaa35 - imputatio
    WIDPEN_R_I     current widow's pension (iaa26/iaa35) - value (incl. imp
    WIDPEN_R_T     current widow's pension (iaa26/iaa35) - imputation flag
    WTC_P_I        partner current wtc (iaa23/iaa32) - value (incl. imputed
    WTC_P_T        partner current wtc (iaa23/iaa32) - imputation flag
    WTC_R_I        current wtc (iaa23/iaa32) - value (incl. imputed values)
    WTC_R_T        current wtc (iaa23/iaa32) - imputation flag
Wave 7 Financial:
    ATTALL_P_I     partner current att allowance (iaa5/iaa15) - value (incl
    ATTALL_P_T     partner current att allowance (iaa5/iaa15) - imputation
    ATTALL_R_I     current attendance allowance (iaa5/iaa15) - value (incl.
    ATTALL_R_T     current attendance allowance (iaa5/iaa15) - imputation f
    BONDSI_BU_I    bu income from bonds and gilts (iabgi) - value (incl. im
    BONDSI_BU_T    bu income from bonds and gilts (iabgi) - imputation flag
    CARERS_P_I     partner current invalid care all (iaa9/iaa19) - value (i
    CARERS_P_T     partner current invalid care all (iaa9/iaa19) - imputati
    CARERS_R_I     current invalid care all (iaa9/iaa19) - value (incl. imp
    CARERS_R_T     current invalid care all (iaa9/iaa19) - imputation flag
    CB_P_I         partner current child benefit (iaa27/iaa36) - value (inc
    CB_P_T         partner current child benefit (iaa27/iaa36) - imputation
    CB_R_I         current child benefit (iaa27/iaa36) - value (incl. imput
    CB_R_T         current child benefit (iaa27/iaa36) - imputation flag
    CTC_P_I        partner current child tax credit (iaa28/iaa37) - value (
    CTC_P_T        partner current child tax credit (iaa28/iaa37) - imputat
    CTC_R_I        current child tax credit (iaa28/iaa37) - value (incl. im
    CTC_R_T        current child tax credit (iaa28/iaa37) - imputation flag
    DLA_P_I        partner current dla (iaa6/iaa16) - value (incl. imputed
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DLA_P_T         partner current dla (iaa6/iaa16) - imputation flag
DLA_R_I         current dla (iaa6/iaa16) - value (incl. imputed values)
DLA_R_T         current dla (iaa6/iaa16) - imputation flag
FARMI_BU_I      bu inc from farm or business property (iafba) - value (i
FARMI_BU_T      bu inc from farm or business property (iafba) - imputati
GALL_P_I        partner current guardian's all (iaa25/iaa34) - value (in
GALL_P_T        partner current guardian's all (iaa25/iaa34) - imputatio
GALL_R_I        current guardian's all (iaa25/iaa34) - value (incl. impu
GALL_R_T        current guardian's all (iaa25/iaa34) - imputation flag
HOMEI_BU_I      bu rent from 2nd home and oth property (iaira) - value (
HOMEI_BU_T      bu rent from 2nd home and oth property (iaira) - imputat
ICB_P_I         partner current incapacity benefit (iaa1/iaa11) - value
ICB_P_T         partner current incapacity benefit (iaa1/iaa11) - imputa
ICB_R_I         current incapacity benefit (iaa1/iaa11) - value (incl. i
ICB_R_T         current incapacity benefit (iaa1/iaa11) - imputation fla
INDINJ_P_I      partner current ind inj benefit (iaa7/iaa17) - value (in
INDINJ_P_T      partner current ind inj benefit (iaa7/iaa17) - imputatio
INDINJ_R_I      current ind inj benefit (iaa7/iaa17) - value (incl. impu
INDINJ_R_T      current ind inj benefit (iaa7/iaa17) - imputation flag
ISAI_BU_I       bu interest from isa (iaisad) - value (incl. imputed val
ISAI_BU_T       bu interest from isa (iaisad) - imputation flag
IS_P_I          prtnr current income support/mig (iaa21/iaa30) - value (
IS_P_T          prtnr current income support/mig (iaa21/iaa30) - imputat
IS_R_I          current income support/mig (iaa23/iaa33) - value (incl.
IS_R_T          current income support/mig (iaa23/iaa33) - imputation fl
JSA_P_I         partner current jsa (iaa24/iaa33) - value (incl. imputed
JSA_P_T         partner current jsa (iaa24/iaa33) - imputation flag
JSA_R_I         current jsa (iaa24/iaa33) - value (incl. imputed values)
JSA_R_T         current jsa (iaa24/iaa33) - imputation flag
NETPROF_BU_I    bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - value (i
NETPROF_BU_T    bu self-emp profit (wpprof/wppl/wpbdt/wpbdni) - imputati
NSAVI_BU_I      bu interest from national savings a/cs (iansi) - value (
NSAVI_BU_T      bu interest from national savings a/cs (iansi) - imputat
OJ_P_I          partner inc from subsid jobs (wpesj/wpesjm) - value (inc
OJ_P_T          partner inc from subsid jobs (wpesj/wpesjm) - imputation
OJ_R_I          inc from subsid jobs (wpesj/wpesjm) - value (incl. imput
OJ_R_T          inc from subsid jobs (wpesj/wpesjm) - imputation flag
OTHPAY_P_I      prtnr total oth reg payments (iaregm/iapam2) - value (in
OTHPAY_P_T      prtnr total oth reg payments (iaregm/iapam2) - imputatio
OTHPAY_R_I      total other regular payments (iaregm/iapam2) - value (in
OTHPAY_R_T      total other regular payments (iaregm/iapam2) - imputatio
OTHSAVI_BU_I    bu income from other savings (iasioi) - value (incl. imp
OTHSAVI_BU_T    bu income from other savings (iasioi) - imputation flag
PC_P_I          partner current pension credit  (iaa22/iaa31) - value (i
PC_P_T          partner current pension credit  (iaa22/iaa31) - imputati
PC_R_I          current pension credit (iaa22/iaa31) - value (incl. impu
PC_R_T          current pension credit (iaa22/iaa31) - imputation flag
PEPI_BU_I       bu income from peps (iaipi) - value (incl. imputed value
PEPI_BU_T       bu income from peps (iaipi) - imputation flag
PPINC_BU_S      bu tot annuitised income (priv pen + oth annuity income)
PPINC_BU_T      bu tot annuitised income (priv pen + oth annuity income)
PRBONDSI_BU_I   bu prize money from premium bonds (ianpbp) - value (incl
PRBONDSI_BU_T   bu prize money from premium bonds (ianpbp) - imputation
SAVEI_BU_I      bu interest from current/savings a/cs (iasint) - value (
SAVEI_BU_T      bu interest from current/savings a/cs (iasint) - imputat
SDA_P_I         partner current sda (iaa3/iaa13) - value (incl. imputed
SDA_P_T         partner current sda (iaa3/iaa13) - imputation flag
SDA_R_I         current sda (iaa3/iaa13) - value (incl. imputed values)
SDA_R_T         current sda (iaa3/iaa13) - imputation flag
SEDRAW_BU_I     bu self-emp drawings (wpbi) - value (incl. imputed value
SEDRAW_BU_T     bu self-emp drawings (wpbi) - imputation flag
SHARESI_BU_I    bu income from shares (iasssi) - value (incl. imputed va
SHARESI_BU_T    bu income from shares (iasssi) - imputation flag
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SPEN_P_I	partner state pension income (iapam/iappam) - value (in
SPEN_P_T	partner state pension income (iapam/iappam) - imputatio
SPEN_R_I	state pension income (iapam/iappam) - value (incl. imput
SPEN_R_T	state pension income (iapam/iappam) - imputation flag
SSP_P_I	partner current ssp (iaa4/iaa14) - value (incl. imputed
SSP_P_T	partner current ssp (iaa4/iaa14) - imputation flag
SSP_R_I	current ssp (iaa4/iaa14) - value (incl. imputed values)
SSP_R_T	current ssp (iaa4/iaa14) - imputation flag
TESSAI_BU_I	bu interest from tessa (iatii) - value (incl. imputed va
TESSAI_BU_T	bu interest from tessa (iatii) - imputation flag
THP_P_I	partner take-home pay last time (wpthp) - value (incl. i
THP_P_T	partner take-home pay last time (wpthp) - imputation fla
THP_R_I	take-home pay last time (wpthp) - value (incl. imputed v
THP_R_T	take-home pay last time (wpthp) - imputation flag
TRUSTSI_BU_I	bu income from trusts (iauiti) - value (incl. imputed va
TRUSTSI_BU_T	bu income from trusts (iauiti) - imputation flag
WAR_P_I	partner current war pensions (iaa8/iaa18) - value (incl.
WAR_P_T	partner current war pensions (iaa8/iaa18) - imputation f
WAR_R_I	current war pensions (iaa8/iaa18) - value (incl. imputed
WAR_R_T	current war pensions (iaa8/iaa18) - imputation flag
WIDPEN_P_I	partner current widow's pension (iaa26/iaa35 - value (in
WIDPEN_P_T	partner current widow's pension (iaa26/iaa35 - imputatio
WIDPEN_R_I	current widow's pension (iaa26/iaa35) - value (incl. imp
WIDPEN_R_T	current widow's pension (iaa26/iaa35) - imputation flag
WTC_P_I	partner current wtc (iaa23/iaa32) - value (incl. imputed
WTC_P_T	partner current wtc (iaa23/iaa32) - imputation flag
WTC_R_I	current wtc (iaa23/iaa32) - value (incl. imputed values)
WTC_R_T	current wtc (iaa23/iaa32) - imputation flag

Food Consumption

Wave	Variable	Label	Type
1	HH1CFOODI	hh1cfoodi:w1 hhold monthly food consumption in house	Cont
2	HH2CFOODI	hh2cfoodi:w2 hhold monthly food consumption in house	Cont
3	HH3CFOODI	hh3cfoodi:w3 hhold monthly food consumption in house	Cont
4	HH4CFOODI	hh4cfoodi:w4 hhold monthly food consumption in house	Cont
5	HH5CFOODI	hh5cfoodi:w5 hhold monthly food consumption in house	Cont
6	HH6CFOODI	hh6cfoodi:w6 hhold monthly food consumption in house	Cont
7	HH7CFOODI	hh7cfoodi:w7 hhold monthly food consumption in house	Cont
1	HH1CFOODO1M	hh1cfoodo1m:w1 hhold monthly food consumption outside house	Cont
2	HH2CFOODO1M	hh2cfoodo1m:w2 hhold monthly food consumption outside house	Cont
3	HH3CFOODO1M	hh3cfoodo1m:w3 hhold monthly food consumption outside house	Cont
4	HH4CFOODO1M	hh4cfoodo1m:w4 hhold monthly food consumption outside house	Cont
5	HH5CFOODO1M	hh5cfoodo1m:w5 hhold monthly food consumption outside house	Cont
6	HH6CFOODO1M	hh6cfoodo1m:w6 hhold monthly food consumption outside house	Cont
7	HH7CFOODO1M	hh7cfoodo1m:w7 hhold monthly food consumption outside house	Cont
1	HH1CFOOD1M	hh1cfood1m:w1 hhold total monthly food consumption	Cont
2	HH2CFOOD1M	hh2cfood1m:w2 hhold total monthly food consumption	Cont
3	HH3CFOOD1M	hh3cfood1m:w3 hhold total monthly food consumption	Cont
4	HH4CFOOD1M	hh4cfood1m:w4 hhold total monthly food consumption	Cont
5	HH5CFOOD1M	hh5cfood1m:w5 hhold total monthly food consumption	Cont
6	HH6CFOOD1M	hh6cfood1m:w6 hhold total monthly food consumption	Cont
7	HH7CFOOD1M	hh7cfood1m:w7 hhold total monthly food consumption	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1CFOODI	11698	57.33	29.84	0.00	400.00
HH2CFOODI	9218	58.01	30.67	0.00	500.00
HH3CFOODI	9429	63.08	34.08	0.00	400.00
HH4CFOODI	10723	68.91	38.80	0.00	700.00
HH5CFOODI	9993	76.83	54.79	0.00	850.00
HH6CFOODI	10301	81.42	58.85	0.00	800.00
HH7CFOODI	9396	80.60	56.41	0.00	1125.00
HH1CFOODO1M	11886	11.75	20.08	0.00	500.00
HH2CFOODO1M	9347	40.30	63.67	0.00	800.00
HH3CFOODO1M	9622	46.51	72.27	0.00	1000.00
HH4CFOODO1M	10936	48.15	70.21	0.00	1200.00
HH5CFOODO1M	10165	53.24	73.59	0.00	1000.00
HH6CFOODO1M	10492	59.03	80.91	0.00	1800.00
HH7CFOODO1M	9579	65.90	95.28	0.00	2000.00
HH1CFOOD1M	11626	260.62	136.55	0.00	1838.10
HH2CFOOD1M	9173	292.22	164.87	0.00	2272.62
HH3CFOOD1M	9379	321.00	186.13	0.00	2238.10
HH4CFOOD1M	10685	347.88	199.77	0.00	3141.67
HH5CFOOD1M	9971	387.38	264.36	0.00	3793.45
HH6CFOOD1M	10262	412.92	283.24	0.00	3576.19
HH7CFOOD1M	9367	416.41	279.37	0.00	5013.40

How Constructed

HHwCFOODI represents the typical weekly amount spent by the household on food consumed at home in nominal pounds. The household respondent is asked, "Now thinking about your household's weekly food bills, approximately how much do you usually spend in total on food and groceries - include all food, bread,

milk, soft drinks, and meals on wheels. Exclude pet food, alcohol, cigarettes and meals out?" The value given is adjusted and provided by ELSA as a monthly equivalent. Don't know, refuse, and other missing responses of HHwCFOODI1M are assigned special missing codes .d, .r, .m, respectively. If the value is missing because the interview was by proxy, HHwCFOODI1M is set to .p. HHwCFOODI1M is set to plain missing (.) for respondents who did not respond to the current wave.

HHwCFOODO1M represents the typical monthly amount spent by the household on food consumed outside of the home in nominal pounds. The respondent is asked, "Approximately how much do you usually spend in a week in total on takeways and food consumed out of the home - include all food consumed out of home e.g. restaurants, meals consumed at the workplace, etc?" The value given is adjusted and provided by ELSA as a monthly equivalent. Don't know, refuse, and other missing responses of HHwCFOODO1M are assigned special missing codes .d, .r, .m, respectively. If the value is missing because the interview was by proxy, HHwCFOODO1M is set to .p. HHwCFOODO1M is set to plain missing (.) for respondents who did not respond to the current wave.

HHwCFOOD1M represents the total typical monthly amount spent by the household on food consumption in nominal pounds. HHwCFOOD1M is defined as: (HHwCFOODI *4.34524) + HHwCFOODO1M. Don't know, refuse, and other missing responses of HHwCFOOD1M are assigned special missing codes .d, .r, .m, respectively. If the value is missing because the interview was by proxy, HHwCFOOD1M is set to .p. HHwCFOOD1M is set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

The HRS does not have an equivalent variable.

ELSA Variables Used

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Wave 1 Core:
    HOFOOD         hh spending on food and groceries: approximately how muc
    HOOUTF         hh spending on takeaways and food out of the home: appro
Wave 2 Core:
    HOFOOD         hh spending on food and groceries in last 4 weeks
    HOOUTF         hh spending on food out of home in last 4 weeks
Wave 3 Core:
    HOFOOD         hh spending on food and groceries in last 4 weeks
    HOOUTF         hh spending on food out of home in last 4 weeks
Wave 4 Core:
    HOFOOD         hh spending on food and groceries in last 4 weeks
    HOOUTF         hh spending on food out of home in last 4 weeks
Wave 5 Core:
    HOFOOD         hh spending on food and groceries in last 4 weeks
    HOOUTF         hh spending on food out of home in last 4 weeks
Wave 6 Core:
    HOFOOD         hh spending on food and groceries in last 4 weeks
    HOOUTF         hh spending on food out of home in last 4 weeks
Wave 7 Core:
    HOFOOD         hh spending on food and groceries in last 4 weeks
    HOOUTF         hh spending on food out of home in last 4 weeks
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Monthly Non-Food Consumption

Wave	Variable	Label	Type
2	HH2CCLO1M	hh2cclo1m:w2 hhold monthly clothing exp	Cont
3	HH3CCLO1M	hh3cclo1m:w3 hhold monthly clothing exp	Cont
4	HH4CCLO1M	hh4cclo1m:w4 hhold monthly clothing exp	Cont
5	HH5CCLO1M	hh5cclo1m:w5 hhold monthly clothing exp	Cont
6	HH6CCLO1M	hh6cclo1m:w6 hhold monthly clothing exp	Cont
7	HH7CCLO1M	hh7cclo1m:w7 hhold monthly clothing exp	Cont
2	HH2CLEI1M	hh2clei1m:w2 hhold monthly leisure exp	Cont
4	HH4CLEI1M	hh4clei1m:w4 hhold monthly leisure exp	Cont
5	HH5CLEI1M	hh5clei1m:w5 hhold monthly leisure exp	Cont
6	HH6CLEI1M	hh6clei1m:w6 hhold monthly leisure exp	Cont
7	HH7CLEI1M	hh7clei1m:w7 hhold monthly leisure exp	Cont
1	HH1CRENT	hh1crent:w1 hhold monthly rent	Cont
2	HH2CRENT	hh2crent:w2 hhold monthly rent	Cont
3	HH3CRENT	hh3crent:w3 hhold monthly rent	Cont
4	HH4CRENT	hh4crent:w4 hhold monthly rent	Cont
5	HH5CRENT	hh5crent:w5 hhold monthly rent	Cont
6	HH6CRENT	hh6crent:w6 hhold monthly rent	Cont
7	HH7CRENT	hh7crent:w7 hhold monthly rent	Cont
2	HH2CUTIL	hh2cutil:w2 hhold monthly utility/fuel	Cont
3	HH3CUTIL	hh3cutil:w3 hhold monthly utility/fuel	Cont
4	HH4CUTIL	hh4cutil:w4 hhold monthly utility/fuel	Cont
5	HH5CUTIL	hh5cutil:w5 hhold monthly utility/fuel	Cont
6	HH6CUTIL	hh6cutil:w6 hhold monthly utility/fuel	Cont
7	HH7CUTIL	hh7cutil:w7 hhold monthly utility/fuel	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH2CCLO1M	9321	66.35	130.88	0.00	2400.00
HH3CCLO1M	9593	80.42	157.73	0.00	4500.00
HH4CCLO1M	10887	72.21	134.93	0.00	3500.00
HH5CCLO1M	10126	74.53	138.11	0.00	3000.00
HH6CCLO1M	10424	79.10	151.92	0.00	4000.00
HH7CCLO1M	9532	84.86	178.69	0.00	4500.00
HH2CLEI1M	9354	56.11	173.73	0.00	5500.00
HH4CLEI1M	10906	59.20	147.21	0.00	4000.00
HH5CLEI1M	10138	60.22	143.10	0.00	3500.00
HH6CLEI1M	10399	66.04	146.93	0.00	5200.00
HH7CLEI1M	9530	70.51	183.07	0.00	9000.00
HH1CRENT	11944	3793.70	38207.90	0.00	434799.47
HH2CRENT	9346	2767.64	32398.72	0.00	434799.47
HH3CRENT	9579	3097.28	33932.45	0.00	434799.47
HH4CRENT	10851	3025.65	34298.47	0.00	434799.47
HH5CRENT	10099	1828.77	25910.00	0.00	434799.47
HH6CRENT	10422	2118.20	27575.19	0.00	434799.47
HH7CRENT	9503	2193.01	29052.40	0.00	434799.47
HH2CUTIL	8550	60.80	38.35	0.00	444.66
HH3CUTIL	8742	80.89	53.07	0.00	923.00
HH4CUTIL	9879	98.15	61.99	0.00	800.00
HH5CUTIL	9178	105.59	61.91	0.00	903.13

HH6CUTIL	9528	115.53	68.50	0.00	999.00
HH7CUTIL	8674	118.47	66.15	0.00	900.00

How Constructed

HHwCCLO1M represents the monthly amount spent by the household on clothing in nominal pounds. The respondent is asked, "Thinking of the last four weeks, approximately how much did you or a member of this household spend on clothes, including outerwear, underwear, footwear and accessories?" Don't know, refuse, and other missing responses of HHwCCLO1M are assigned special missing codes .d, .r, .m, respectively. HHwCCLO1M is set to special missing .p if the consumption questions were skipped because the interview was by proxy. HHwCCLO1M is set to plain missing (.) for respondents who did not respond to the current wave.

HHwCLEI1M represents the monthly amount spent by the household on leisure activities in nominal pounds. The respondent is asked, "Again, thinking of the last four weeks, approximately how much did you or a member of this household spend on leisure activities, other than eating out, of the kind listed on this card?" The respondent is then shown a card that lists the following activities: "The cost of any visits to the cinema, theatre, sports, bingo etc, in the last four weeks (including any expenses whilst out)" and "Any payments that have been made in the last four weeks on: subscriptions to sports and social clubs and societies; fees for day or evening classes; subscriptions to the internet, cable, or satellite; TV licences and rentals." Don't know, refuse, and other missing responses of HHwCLEI1M are assigned special missing codes .d, .r, .m, respectively. HHwCLEI1M is set to special missing .p if the consumption questions were skipped because the interview was by proxy. HHwCLEI1M is set to plain missing (.) for respondents who did not respond to the current wave.

HHwCRENT represents the monthly amount spent by the household on rent in nominal pounds. Don't know, refuse, and other missing responses of HHwCRENT are assigned special missing codes .d, .r, .m, respectively. HHwCRENT is set to 0 if the household does not pay rent, as a result of owning the home, living rent free, or squatting. HHwCRENT is set to special missing .p if the rent questions were skipped because the interview was by proxy. HHwCRENT is set to plain missing (.) for respondents who did not respond to the current wave.

HHwCUTIL represents the monthly amount spent by the household on utilities/fuel in nominal pounds. Respondents reported whether they used any of the following types of utilities/fuels: electricity, gas, coal, paraffin, oil, wood, and other. For each utility/fuel the respondent reported using within the household, the respondent was asked the average amount spent during the winter and the summer. The amount spent for winter and summer are averaged, and HHwCUTIL represents the sum of each type of utility/fuel used per month. Don't know, refuse, and other missing responses of HHwCUTIL are assigned special missing codes .d, .r, .m, respectively. HHwCUTIL is set to special missing .p if these questions were skipped because the interview was by proxy. HHwCUTIL is set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in ELSA

The amount spent by the household on clothing is asked starting at wave 2. In waves 2 and forward, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves in which the question is asked.

The amount spent by the household on leisure activities is asked starting at wave 2. This question is not asked in wave 3, but is asked again starting in wave 4. In waves 2 and 4 and forward, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked. The question wording, bracket amounts and entry points are the same in all waves in which the question is asked.

The amount spent by the household on rent is asked at each wave. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked based on the reported frequency of rent payments (1 week, 2 weeks, 3 weeks, 4 weeks, calendar month, 2 calendar months, 8 times a year, 9 times a year, 10 times a year, 3 months, 6 months, 1 year, less than 1 week, lump sum). The question wording, bracket amounts and entry points are the same in all waves. In addition, all waves include checks for the case the respondent reports spending more than £300 in 1 week, more than £600 in 2 weeks, more than £1200 in 4 weeks or 1 calendar month, or more than £15000 in 3 weeks, 2 months, 3 months, 6 months, 8 times a year, 9 times a year, 10 times a year, less than 1 week or as a lump sum.

The amount spent by the household on utilities/fuel is asked starting at wave 2. In all waves, if the respondent refuses or does not know the value, a series of unfolding bracket questions are asked based on the utility type and reported frequency of payment (weekly, monthly, quarterly). The question wording, bracket amounts and entry points are the same in all waves in which the question is asked.

Differences with the RAND HRS

The HRS does not have equivalent variables.

ELSA Variables Used

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Wave 1 Core:
    ASKPX1          whether interviewed by proxy
    HOBAS           on what basis is person 1 living here?
    HOPERI          thinking about your last rent payment, what period did t
    HORENT          how much was your last rent payment (including any servi
    HOTENU          in which of these ways does your household occupy this a
Wave 2 Core:
    ASKPX1          whether interviewed by proxy
    HOCL            hh spending on clothing and footwear in last 4 weeks
    HOEBMS          monthly electricity bill - summer
    HOEBMW          monthly electricity bill - winter
    HOEBQS          quarterly electricity bill - summer
    HOEBQW          quarterly electricity bill - winter
    HOEDM           monthly direct debit - electricity
    HOEDQ           quarterly direct debit - electricity
    HOEOS           average wkly elec payment - summer
    HOEOW           average wkly elec payment - winter
    HOEPAY          method used to pay for electricity
    HOEPS           average wkly elec meter payment - summer
    HOEPW           average wkly elec meter payment - winter
    HOFB            is your gas and electricity  bill monthly or quarterly?
    HOFBMS          monthly  gas and electricity bill in summer?
    HOFBMW          monthly gas and elec bill - winter
    HOFBQS          quarterly gas and elec bill - summer
    HOFBQW          quarterly gas and elec bill - winter
    HOFBQW          quarterly gas and elec bill - winter
    HOFCS           wkly amt spent on coal/smokeless fuel - summer
    HOFCW           wkly amt spent on coal/smokeless fuel - winter
    HOFD            is your gas and electricity direct debit monthly or quar
    HOFDM           monthly gas and elec direct debit
    HOFDQ           quarterly gas and elec direct debit
    HOFOIS          wkly amt spent on oil - summer
    HOFOIW          wkly amt spent on oil - winter
    HOFOS           average wkly gas and elec payment - summer
    HOFOW           average wkly gas and elec payment - winter
    HOFPAY          method used to pay for gas and electricity
    HOFPGS          wkly amt spent on paraffin/bottled gas - summer
    HOFPGW          wkly amt spent on paraffin/bottled gas - winter
    HOFPW           average wkly gas and elec meter payment - winter
    HOFSM           monthly staywarm payment - gas and elec
    HOFSP           is staywarm payment weekly, monthly or quarterly? - gas
    HOFSQ           quarterly staywarm payment - gas and elec
    HOFSUP          gets gas and electricity from same or different supplier
    HOFSW           weekly staywarm payment - gas and elec
    HOFTOG          pays for gas and electricity together or separately
    HOFUEL1         fuels used in household for heating or other purpose (1s
    HOFUEL2         fuels used in household for heating or other purpose (2n
    HOFUEL3         fuels used in household for heating or other purpose (3r
    HOFUEL4         fuels used in household for heating or other purpose (4t
    HOFUEL5         fuels used in household for heating or other purpose (5t
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    HOFWS           wkly amt spent on wood - summer
    HOFWW           wkly amt spent on wood - winter
    HOFXS           wkly amt spent on other fuel - summer
    HOFXS           wkly amt spent on other fuel - summer
    HOGBMS          monthly gas bill - summer
    HOGBMW          monthly gas bill - winter
    HOGBP           is your gas bill monthly or quarterly?
    HOGBQS          quarterly gas bill - summer
    HOGBQW          quarterly gas bill - winter
    HOGD            is your gas direct debit monthly or quarterly?
    HOGDM           how much is your monthly direct debit for your gas?
    HOGDQ           how much is your quarterly direct debit for your gas?
    HOGOS           average wkly gas payment - summer
    HOGOW           average wkly gas payment - winter
    HOGPAY          method used to pay for gas
    HOGPS           average wkly gas meter payment - summer
    HOGPW           average wkly gas meter payment - winter
    HOLEIS          hh spending on leisure in last 4 weeks
    HOPERI          last rent payment - period covered
    HORENT          last rent payment (including any services or charges but
    HOTENU          tenure
Wave 3 Core:
    ASKPX           whether respondent had a proxy interview
    HOCL            hh spending on clothing and footwear in last 4 weeks
    HOEBMS          monthly electricity bill - summer
    HOEBMW          monthly electricity bill - winter
    HOEBQS          quarterly electricity bill - summer
    HOEBQW          quarterly electricity bill - winter
    HOEDM           monthly direct debit - electricity
    HOEDQ           quarterly direct debit - electricity
    HOEOS           average wkly elec payment - summer
    HOEOW           average wkly elec payment - winter
    HOEPAY          method used to pay for electricity
    HOEPS           average wkly elec meter payment - summer
    HOEPW           average wkly elec meter payment - winter
    HOFB            is your gas and electricity  bill monthly or quarterly?
    HOFBMS          monthly  gas and electricity bill in summer?
    HOFBMW          monthly gas and elec bill - winter
    HOFBMW          monthly gas and elec bill - winter
    HOFBQS          quarterly gas and elec bill - summer
    HOFBQW          quarterly gas and elec bill - winter
    HOFBQW          quarterly gas and elec bill - winter
    HOFCS           wkly amt spent on coal/smokeless fuel - summer
    HOFCW           wkly amt spent on coal/smokeless fuel - winter
    HOFD            is your gas and electricity direct debit monthly or quar
    HOFDM           monthly gas and elec direct debit
    HOFDQ           quarterly gas and elec direct debit
    HOFOIS          wkly amt spent on oil - summer
    HOFOIW          wkly amt spent on oil - winter
    HOFOS           average wkly gas and elec payment - summer
    HOFOW           average wkly gas and elec payment - winter
    HOFPAY          method used to pay for gas and electricity
    HOFPGS          wkly amt spent on paraffin/bottled gas - summer
    HOFPGW          wkly amt spent on paraffin/bottled gas - winter
    HOFPS           average wkly gas and elec meter payment - summer
    HOFPW           average wkly gas and elec meter payment - winter
    HOFSM           monthly staywarm payment - gas and elec
    HOFSP           is staywarm payment weekly, monthly or quarterly? - gas
    HOFSQ           quarterly staywarm payment - gas and elec
    HOFSUP          gets gas and electricity from same or different supplier
    HOFSW           weekly staywarm payment - gas and elec
    HOFTOG          pays for gas and electricity together or separately
    HOFUEL95        fuels used in household for heating or other purpose - o
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    HOFUELCO        fuels used in household for heating or other purpose - c
    HOFUELEL        fuels used in household for heating or other purpose - e
    HOFUELGA        fuels used in household for heating or other purpose - m
    HOFUELOI        fuels used in household for heating or other purpose - o
    HOFUELPA        fuels used in household for heating or other purpose - p
    HOFUELWO        fuels used in household for heating or other purpose - w
    HOFWS           wkly amt spent on wood - summer
    HOFWW           wkly amt spent on wood - winter
    HOFXS           wkly amt spent on other fuel - summer
    HOFXW           wkly amt spent on other fuel - winter
    HOGBMS          monthly gas bill - summer
    HOGBMW          monthly gas bill - winter
    HOGBP           is your gas bill monthly or quarterly?
    HOGBQS          quarterly gas bill - summer
    HOGBQW          quarterly gas bill - winter
    HOGD            is your gas direct debit monthly or quarterly?
    HOGDM           how much is your monthly direct debit for your gas?
    HOGDQ           how much is your quarterly direct debit for your gas?
    HOGOS           average wkly gas payment - summer
    HOGOW           average wkly gas payment - winter
    HOGPAY          method used to pay for gas
    HOGPS           average wkly gas meter payment - summer
    HOGPW           average wkly gas meter payment - winter
    HOPERI          last rent payment - period covered
    HORENT          last rent payment (including any services or charges but
    HOTENU          tenure
Wave 4 Core:
    ASKPX           whether respondent had an interview by proxy
    HOCL            hh spending on clothing and footwear in last 4 weeks
    HOEBMS          monthly electricity bill - summer
    HOEBMW          monthly electricity bill - winter
    HOEBQS          quarterly electricity bill - summer
    HOEBQW          quarterly electricity bill - winter
    HOEDM           monthly direct debit - electricity
    HOEDQ           quarterly direct debit - electricity
    HOEOS           average wkly elec payment - summer
    HOEOW           average wkly elec payment - winter
    HOEPAY          method used to pay for electricity
    HOEPS           average wkly elec meter payment - summer
    HOEPW           average wkly elec meter payment - winter
    HOFB            is your gas and electricity  bill monthly or quarterly?
    HOFBMS          monthly  gas and electricity bill in summer?
    HOFBMW          monthly gas and elec bill - winter
    HOFBMW          monthly gas and elec bill - winter
    HOFBQS          quarterly gas and elec bill - summer
    HOFBQW          quarterly gas and elec bill - winter
    HOFBQW          quarterly gas and elec bill - winter
    HOFCS           wkly amt spent on coal/smokeless fuel - summer
    HOFCW           wkly amt spent on coal/smokeless fuel - winter
    HOFD            is your gas and electricity direct debit monthly or quar
    HOFDM           monthly gas and elec direct debit
    HOFDQ           quarterly gas and elec direct debit
    HOFOIS          wkly amt spent on oil - summer
    HOFOIW          wkly amt spent on oil - winter
    HOFOS           average wkly gas and elec payment - summer
    HOFOW           average wkly gas and elec payment - winter
    HOFPAY          method used to pay for gas and electricity
    HOFPGS          wkly amt spent on paraffin/bottled gas - summer
    HOFPGW          wkly amt spent on paraffin/bottled gas - winter
    HOFPS           average wkly gas and elec meter payment - summer
    HOFPW           average wkly gas and elec meter payment - winter
    HOFSM           monthly staywarm payment - gas and elec
    HOFSP           is staywarm payment weekly, monthly or quarterly? - gas
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HOFSQ	quarterly staywarm payment - gas and elec
HOFSUP	gets gas and electricity from same or different supplier
HOFSW	weekly staywarm payment - gas and elec
HOFTOG	pays for gas and electricity together or separately
HOFUEL95	fuels used in household for heating or other purpose - o
HOFUELCO	fuels used in household for heating or other purpose - c
HOFUELEL	fuels used in household for heating or other purpose - e
HOFUELGA	fuels used in household for heating or other purpose - m
HOFUELOI	fuels used in household for heating or other purpose - o
HOFUELPA	fuels used in household for heating or other purpose - p
HOFUELWO	fuels used in household for heating or other purpose - w
HOFWS	wkly amt spent on wood - summer
HOFWW	wkly amt spent on wood - winter
HOFXS	wkly amt spent on other fuel - summer
HOFXW	wkly amt spent on other fuel - winter
HOGBMS	monthly gas bill - summer
HOGBMW	monthly gas bill - winter
HOGBP	is your gas bill monthly or quarterly?
HOGBQS	quarterly gas bill - summer
HOGBQW	quarterly gas bill - winter
HOGD	is your gas direct debit monthly or quarterly?
HOGDM	how much is your monthly direct debit for your gas?
HOGDQ	how much is your quarterly direct debit for your gas?
HOGOS	average wkly gas payment - summer
HOGOW	average wkly gas payment - winter
HOGPAY	method used to pay for gas
HOGPS	average wkly gas meter payment - summer
HOGPW	average wkly gas meter payment - winter
HOPERI	last rent payment - period covered
HORENT	last rent payment (including any services or charges but
HOTENU	tenure

Wave 5 Core:

ASKPX	whether respondent had an interview by proxy
HOCL	hh spending on clothing and footwear in last 4 weeks
HOEBMS	monthly electricity bill - summer
HOEBMW	monthly electricity bill - winter
HOEBQS	quarterly electricity bill - summer
HOEBQW	quarterly electricity bill - winter
HOEDM	monthly direct debit - electricity
HOEDQ	quarterly direct debit - electricity
HOEOS	average wkly elec payment - summer
HOEOW	average wkly elec payment - winter
HOEPAY	method used to pay for electricity
HOEPS	average wkly elec meter payment - summer
HOEPW	average wkly elec meter payment - winter
HOFB	is your gas and electricity bill monthly or quarterly?
HOFBMS	monthly gas and electricity bill in summer?
HOFBMW	monthly gas and elec bill - winter
HOFBMW	monthly gas and elec bill - winter
HOFBQS	quarterly gas and elec bill - summer
HOFBQW	quarterly gas and elec bill - winter
HOFBQW	quarterly gas and elec bill - winter
HOFCS	wkly amt spent on coal/smokeless fuel - summer
HOFCW	wkly amt spent on coal/smokeless fuel - winter
HOFD	is your gas and electricity direct debit monthly or quar
HOFDM	monthly gas and elec direct debit
HOFDQ	quarterly gas and elec direct debit
HOFOIS	wkly amt spent on oil - summer
HOFOIW	wkly amt spent on oil - winter
HOFOS	average wkly gas and elec payment - summer
HOFOW	average wkly gas and elec payment - winter
HOFPAY	method used to pay for gas and electricity
HOFPGS	wkly amt spent on paraffin/bottled gas - summer

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    HOFPGW          wkly amt spent on paraffin/bottled gas - winter
    HOFPS           average wkly gas and elec meter payment - summer
    HOFPW           average wkly gas and elec meter payment - winter
    HOFSM           monthly staywarm payment - gas and elec
    HOFSP           is staywarm payment weekly, monthly or quarterly? - gas
    HOFSQ           quarterly staywarm payment - gas and elec
    HOFSUP          gets gas and electricity from same or different supplier
    HOFSW           weekly staywarm payment - gas and elec
    HOFTOG          pays for gas and electricity together or separately
    HOFUEL95        fuels used in household for heating or other purpose - o
    HOFUELCO        fuels used in household for heating or other purpose - c
    HOFUELEL        fuels used in household for heating or other purpose - e
    HOFUELGA        fuels used in household for heating or other purpose - m
    HOFUELOI        fuels used in household for heating or other purpose - o
    HOFUELPA        fuels used in household for heating or other purpose - p
    HOFUELWO        fuels used in household for heating or other purpose - w
    HOFWS           wkly amt spent on wood - summer
    HOFWW           wkly amt spent on wood - winter
    HOFXS           wkly amt spent on other fuel - summer
    HOFXW           wkly amt spent on other fuel - winter
    HOGBMS          monthly gas bill - summer
    HOGBMW          monthly gas bill - winter
    HOGBP           is your gas bill monthly or quarterly?
    HOGBQS          quarterly gas bill - summer
    HOGBQW          quarterly gas bill - winter
    HOGD            is your gas direct debit monthly or quarterly?
    HOGDM           how much is your monthly direct debit for your gas?
    HOGDQ           how much is your quarterly direct debit for your gas?
    HOGOS           average wkly gas payment - summer
    HOGOW           average wkly gas payment - winter
    HOGPAY          method used to pay for gas
    HOGPS           average wkly gas meter payment - summer
    HOGPW           average wkly gas meter payment - winter
    HOPERI          last rent payment - period covered
    HORENT          last rent payment (including any services or charges but
    HOTENU          tenure
Wave 6 Core:
    ASKPX           whether respondent had an interview by proxy
    HOCL            hh spending on clothing and footwear in last 4 weeks
    HOEBMS          monthly electricity bill - summer
    HOEBMW          monthly electricity bill - winter
    HOEBQS          quarterly electricity bill - summer
    HOEBQW          quarterly electricity bill - winter
    HOEDM           monthly direct debit - electricity
    HOEDQ           quarterly direct debit - electricity
    HOEOS           average wkly elec payment - summer
    HOEOW           average wkly elec payment - winter
    HOEPAY          method used to pay for electricity
    HOEPS           average wkly elec meter payment - summer
    HOEPW           average wkly elec meter payment - winter
    HOFB            is your gas and electricity  bill monthly or quarterly?
    HOFBMS          monthly  gas and electricity bill in summer?
    HOFBMW          monthly gas and elec bill - winter
    HOFBMW          monthly gas and elec bill - winter
    HOFBQS          quarterly gas and elec bill - summer
    HOFBQW          quarterly gas and elec bill - winter
    HOFBQW          quarterly gas and elec bill - winter
    HOFCS           wkly amt spent on coal/smokeless fuel - summer
    HOFCW           wkly amt spent on coal/smokeless fuel - winter
    HOFD            is your gas and electricity direct debit monthly or quar
    HOFDM           monthly gas and elec direct debit
    HOFDQ           quarterly gas and elec direct debit
    HOFOIS          wkly amt spent on oil - summer
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    HOFOIW          wkly amt spent on oil - winter
    HOFOS           average wkly gas and elec payment - summer
    HOFOW           average wkly gas and elec payment - winter
    HOFPAY          method used to pay for gas and electricity
    HOFPGS          wkly amt spent on paraffin/bottled gas - summer
    HOFPGW          wkly amt spent on paraffin/bottled gas - winter
    HOFPS           average wkly gas and elec meter payment - summer
    HOFPW           average wkly gas and elec meter payment - winter
    HOFSM           monthly staywarm payment - gas and elec
    HOFSP           is staywarm payment weekly, monthly or quarterly? - gas
    HOFSQ           quarterly staywarm payment - gas and elec
    HOFSUP          gets gas and electricity from same or different supplier
    HOFSW           weekly staywarm payment - gas and elec
    HOFTOG          pays for gas and electricity together or separately
    HOFUEL95        fuels used in household for heating or other purpose - o
    HOFUELCO        fuels used in household for heating or other purpose - c
    HOFUELEL        fuels used in household for heating or other purpose - e
    HOFUELGA        fuels used in household for heating or other purpose - m
    HOFUELOI        fuels used in household for heating or other purpose - o
    HOFUELPA        fuels used in household for heating or other purpose - p
    HOFUELWO        fuels used in household for heating or other purpose - w
    HOFWS           wkly amt spent on wood - summer
    HOFWW           wkly amt spent on wood - winter
    HOFXS           wkly amt spent on other fuel - summer
    HOFXW           wkly amt spent on other fuel - winter
    HOGBMS          monthly gas bill - summer
    HOGBMW          monthly gas bill - winter
    HOGBP           is your gas bill monthly or quarterly?
    HOGBQS          quarterly gas bill - summer
    HOGBQW          quarterly gas bill - winter
    HOGD            is your gas direct debit monthly or quarterly?
    HOGDM           how much is your monthly direct debit for your gas?
    HOGDQ           how much is your quarterly direct debit for your gas?
    HOGOS           average wkly gas payment - summer
    HOGOW           average wkly gas payment - winter
    HOGPAY          method used to pay for gas
    HOGPS           average wkly gas meter payment - summer
    HOGPW           average wkly gas meter payment - winter
    HOLEIS          spending on leisure activities in last 4 weeks
    HOPERI          last rent payment - period covered
    HORENT          last rent payment (including any services or charges but
    HOTENU          tenure
Wave 7 Core:
    ASKPX           whether respondent had an interview by proxy
    HOCL            hh spending on clothing and footwear in last 4 weeks
    HOEBMS          monthly electricity bill - summer
    HOEBMW          monthly electricity bill - winter
    HOEBQS          quarterly electricity bill - summer
    HOEBQW          quarterly electricity bill - winter
    HOEDM           monthly direct debit - electricity
    HOEDQ           quarterly direct debit - electricity
    HOEOS           average wkly elec payment - summer
    HOEOW           average wkly elec payment - winter
    HOEPAY          method used to pay for electricity
    HOEPS           average wkly elec meter payment - summer
    HOEPW           average wkly elec meter payment - winter
    HOFB            is your gas and electricity  bill monthly or quarterly?
    HOFBMS          monthly  gas and electricity bill in summer?
    HOFBMW          monthly gas and elec bill - winter
    HOFBMW          monthly gas and elec bill - winter
    HOFBQS          quarterly gas and elec bill - summer
    HOFBQW          quarterly gas and elec bill - winter
    HOFBQW          quarterly gas and elec bill - winter
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HOFCS	wkly amt spent on coal/smokeless fuel - summer
HOFCW	wkly amt spent on coal/smokeless fuel - winter
HOFD	is your gas and electricity direct debit monthly or quar
HOFDM	monthly gas and elec direct debit
HOFDQ	quarterly gas and elec direct debit
HOFOIS	wkly amt spent on oil - summer
HOFOIW	wkly amt spent on oil - winter
HOFOS	average wkly gas and elec payment - summer
HOFOW	average wkly gas and elec payment - winter
HOFPAY	method used to pay for gas and electricity
HOFPGS	wkly amt spent on paraffin/bottled gas - summer
HOFPGW	wkly amt spent on paraffin/bottled gas - winter
HOFPS	average wkly gas and elec meter payment - summer
HOFPW	average wkly gas and elec meter payment - winter
HOFSM	monthly staywarm payment - gas and elec
HOFSP	is staywarm payment weekly, monthly or quarterly? - gas
HOFSQ	quarterly staywarm payment - gas and elec
HOFSUP	gets gas and electricity from same or different supplier
HOFSW	weekly staywarm payment - gas and elec
HOFTOG	pays for gas and electricity together or separately
HOFUEL95	fuels used in household for heating or other purpose - o
HOFUELCO	fuels used in household for heating or other purpose - c
HOFUELEL	fuels used in household for heating or other purpose - e
HOFUELGA	fuels used in household for heating or other purpose - m
HOFUELOI	fuels used in household for heating or other purpose - o
HOFUELPA	fuels used in household for heating or other purpose - p
HOFUELWO	fuels used in household for heating or other purpose - w
HOFWS	wkly amt spent on wood - summer
HOFWW	wkly amt spent on wood - winter
HOFXS	wkly amt spent on other fuel - summer
HOFXW	wkly amt spent on other fuel - winter
HOGBMS	monthly gas bill - summer
HOGBMW	monthly gas bill - winter
HOGBP	is your gas bill monthly or quarterly?
HOGBQS	quarterly gas bill - summer
HOGBQW	quarterly gas bill - winter
HOGD	is your gas direct debit monthly or quarterly?
HOGDM	how much is your monthly direct debit for your gas?
HOGDQ	how much is your quarterly direct debit for your gas?
HOGOS	average wkly gas payment - summer
HOGOW	average wkly gas payment - winter
HOGPAY	method used to pay for gas
HOGPS	average wkly gas meter payment - summer
HOGPW	average wkly gas meter payment - winter
HOLEIS	spending on leisure activities in last 4 weeks
HOPERI	last rent payment - period covered
HORENT	last rent payment (including any services or charges but
HOTENU	tenure

Monthly Total Consumption

Wave	Variable	Label	Type
2	HH2CTOT1M	hh2ctot1m:w2 hhold total monthly consumption	Cont
3	HH3CTOT1M	hh3ctot1m:w3 hhold total monthly consumption	Cont
4	HH4CTOT1M	hh4ctot1m:w4 hhold total monthly consumption	Cont
5	HH5CTOT1M	hh5ctot1m:w5 hhold total monthly consumption	Cont
6	HH6CTOT1M	hh6ctot1m:w6 hhold total monthly consumption	Cont
7	HH7CTOT1M	hh7ctot1m:w7 hhold total monthly consumption	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH2CTOT1M	8285	3250.48	32445.78	32.38	435673.63
HH3CTOT1M	8410	3363.72	32709.79	52.44	435404.56
HH4CTOT1M	9504	3679.44	34601.98	0.00	435640.09
HH5CTOT1M	8877	2559.71	26757.34	21.73	435963.66
HH6CTOT1M	9175	2764.74	27138.12	0.00	436015.91
HH7CTOT1M	8360	2756.04	27889.04	53.33	435846.66

How Constructed

HHwCTOT1M represents the total typical monthly amount spent by the household in nominal pounds. HHwCTOT1M is equal to the sum of HHwCFOOD1M, HHwCCLO1M, HHwCLEI1M, HHwCRENT, and HHwCUTIL in waves 2 and 4 and onward. HHwCTOT1M is equal to the sum of HHwCFOOD1M, HHwCCLO1M, HHwCRENT, and HHwCUTIL in wave 3. If any of the components of HHwCTOT1M are assigned don't know, refuse, and other missing responses, then HHwCTOT1M is assigned the special missing codes .d, .r, .m, respectively. If the value is missing because the interview was by proxy, HHwCTOT1M is set to .p. HHwCTOT1M is set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in ELSA

HHwCTOT1M is only available starting in wave 2.

Differences with the RAND HRS

The HRS does not have an equivalent variable.

ELSA Variables Used

Wave 2 Core:

ASKPX1	whether interviewed by proxy
HOCL	hh spending on clothing and footwear in last 4 weeks
HOEBMS	monthly electricity bill - summer
HOEBMW	monthly electricity bill - winter
HOEBQS	quarterly electricity bill - summer
HOEBQW	quarterly electricity bill - winter
HOEDM	monthly direct debit - electricity
HOEDQ	quarterly direct debit - electricity
HOEOS	average wkly elec payment - summer
HOEOW	average wkly elec payment - winter
HOEPAY	method used to pay for electricity
HOEPS	average wkly elec meter payment - summer
HOEPW	average wkly elec meter payment - winter
HOFB	is your gas and electricity bill monthly or quarterly?
HOFBMS	monthly gas and electricity bill in summer?
HOFBMW	monthly gas and elec bill - winter
HOFBQS	quarterly gas and elec bill - summer

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    HOFBQW          quarterly gas and elec bill - winter
    HOFBQW          quarterly gas and elec bill - winter
    HOFCS           wkly amt spent on coal/smokeless fuel - summer
    HOFCW           wkly amt spent on coal/smokeless fuel - winter
    HOFD            is your gas and electricity direct debit monthly or quar
    HOFDM           monthly gas and elec direct debit
    HOFDQ           quarterly gas and elec direct debit
    HOFOIS          wkly amt spent on oil - summer
    HOFOIW          wkly amt spent on oil - winter
    HOFOOD          hh spending on food and groceries in last 4 weeks
    HOFOS           average wkly gas and elec payment - summer
    HOFOW           average wkly gas and elec payment - winter
    HOFPAY          method used to pay for gas and electricity
    HOFPGS          wkly amt spent on paraffin/bottled gas - summer
    HOFPGW          wkly amt spent on paraffin/bottled gas - winter
    HOFPW           average wkly gas and elec meter payment - winter
    HOFSM           monthly staywarm payment - gas and elec
    HOFSP           is staywarm payment weekly, monthly or quarterly? - gas
    HOFSQ           quarterly staywarm payment - gas and elec
    HOFSUP          gets gas and electricity from same or different supplier
    HOFSW           weekly staywarm payment - gas and elec
    HOFTOG          pays for gas and electricity together or separately
    HOFUEL1         fuels used in household for heating or other purpose (1s
    HOFUEL2         fuels used in household for heating or other purpose (2n
    HOFUEL3         fuels used in household for heating or other purpose (3r
    HOFUEL4         fuels used in household for heating or other purpose (4t
    HOFUEL5         fuels used in household for heating or other purpose (5t
    HOFWS           wkly amt spent on wood - summer
    HOFWW           wkly amt spent on wood - winter
    HOFXS           wkly amt spent on other fuel - summer
    HOFXS           wkly amt spent on other fuel - summer
    HOGBMS          monthly gas bill - summer
    HOGBMW          monthly gas bill - winter
    HOGBP           is your gas bill monthly or quarterly?
    HOGBQS          quarterly gas bill - summer
    HOGBQW          quarterly gas bill - winter
    HOGD            is your gas direct debit monthly or quarterly?
    HOGDM           how much is your monthly direct debit for your gas?
    HOGDQ           how much is your quarterly direct debit for your gas?
    HOGOS           average wkly gas payment - summer
    HOGOW           average wkly gas payment - winter
    HOGPAY          method used to pay for gas
    HOGPS           average wkly gas meter payment - summer
    HOGPW           average wkly gas meter payment - winter
    HOLEIS          hh spending on leisure in last 4 weeks
    HOOUTF          hh spending on food out of home in last 4 weeks
    HOPERI          last rent payment - period covered
    HORENT          last rent payment (including any services or charges but
    HOTENU          tenure
Wave 3 Core:
    ASKPX           whether respondent had a proxy interview
    HOCL            hh spending on clothing and footwear in last 4 weeks
    HOEBMS          monthly electricity bill - summer
    HOEBMW          monthly electricity bill - winter
    HOEBQS          quarterly electricity bill - summer
    HOEBQW          quarterly electricity bill - winter
    HOEDM           monthly direct debit - electricity
    HOEDQ           quarterly direct debit - electricity
    HOEOS           average wkly elec payment - summer
    HOEOW           average wkly elec payment - winter
    HOEPAY          method used to pay for electricity
    HOEPS           average wkly elec meter payment - summer
    HOEPW           average wkly elec meter payment - winter
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HOFB	is your gas and electricity bill monthly or quarterly?
HOFBMS	monthly gas and electricity bill in summer?
HOFBMW	monthly gas and elec bill - winter
HOFBMW	monthly gas and elec bill - winter
HOFBQS	quarterly gas and elec bill - summer
HOFBQW	quarterly gas and elec bill - winter
HOFBQW	quarterly gas and elec bill - winter
HOFCS	wkly amt spent on coal/smokeless fuel - summer
HOFCW	wkly amt spent on coal/smokeless fuel - winter
HOFD	is your gas and electricity direct debit monthly or quar
HOFDM	monthly gas and elec direct debit
HOFDQ	quarterly gas and elec direct debit
HOFOIS	wkly amt spent on oil - summer
HOFOIW	wkly amt spent on oil - winter
HOFOOD	hh spending on food and groceries in last 4 weeks
HOFOS	average wkly gas and elec payment - summer
HOFOW	average wkly gas and elec payment - winter
HOFPAY	method used to pay for gas and electricity
HOFPGS	wkly amt spent on paraffin/bottled gas - summer
HOFPGW	wkly amt spent on paraffin/bottled gas - winter
HOFPS	average wkly gas and elec meter payment - summer
HOFPW	average wkly gas and elec meter payment - winter
HOFSM	monthly staywarm payment - gas and elec
HOFSP	is staywarm payment weekly, monthly or quarterly? - gas
HOFSQ	quarterly staywarm payment - gas and elec
HOFSUP	gets gas and electricity from same or different supplier
HOFSW	weekly staywarm payment - gas and elec
HOFTOG	pays for gas and electricity together or separately
HOFUEL95	fuels used in household for heating or other purpose - o
HOFUELCO	fuels used in household for heating or other purpose - c
HOFUELEL	fuels used in household for heating or other purpose - e
HOFUELGA	fuels used in household for heating or other purpose - m
HOFUELOI	fuels used in household for heating or other purpose - o
HOFUELPA	fuels used in household for heating or other purpose - p
HOFUELWO	fuels used in household for heating or other purpose - w
HOFWS	wkly amt spent on wood - summer
HOFWW	wkly amt spent on wood - winter
HOFXS	wkly amt spent on other fuel - summer
HOFXW	wkly amt spent on other fuel - winter
HOGBMS	monthly gas bill - summer
HOGBMW	monthly gas bill - winter
HOGBP	is your gas bill monthly or quarterly?
HOGBQS	quarterly gas bill - summer
HOGBQW	quarterly gas bill - winter
HOGD	is your gas direct debit monthly or quarterly?
HOGDM	how much is your monthly direct debit for your gas?
HOGDQ	how much is your quarterly direct debit for your gas?
HOGOS	average wkly gas payment - summer
HOGOW	average wkly gas payment - winter
HOGPAY	method used to pay for gas
HOGPS	average wkly gas meter payment - summer
HOGPW	average wkly gas meter payment - winter
HOOUTF	hh spending on food out of home in last 4 weeks
HOPERI	last rent payment - period covered
HORENT	last rent payment (including any services or charges but
HOTENU	tenure

Wave 4 Core:

ASKPX	whether respondent had an interview by proxy
HOCL	hh spending on clothing and footwear in last 4 weeks
HOEBMS	monthly electricity bill - summer
HOEBMW	monthly electricity bill - winter
HOEBQS	quarterly electricity bill - summer
HOEBQW	quarterly electricity bill - winter

HOEDM	monthly direct debit - electricity
HOEDQ	quarterly direct debit - electricity
HOEOS	average wkly elec payment - summer
HOEOW	average wkly elec payment - winter
HOEPAY	method used to pay for electricity
HOEPS	average wkly elec meter payment - summer
HOEPW	average wkly elec meter payment - winter
HOFB	is your gas and electricity bill monthly or quarterly?
HOFBMS	monthly gas and electricity bill in summer?
HOFBMW	monthly gas and elec bill - winter
HOFBMW	monthly gas and elec bill - winter
HOFBQS	quarterly gas and elec bill - summer
HOFBQW	quarterly gas and elec bill - winter
HOFBQW	quarterly gas and elec bill - winter
HOFCS	wkly amt spent on coal/smokeless fuel - summer
HOFCW	wkly amt spent on coal/smokeless fuel - winter
HOFD	is your gas and electricity direct debit monthly or quar
HOFDM	monthly gas and elec direct debit
HOFDQ	quarterly gas and elec direct debit
HOFOIS	wkly amt spent on oil - summer
HOFOIW	wkly amt spent on oil - winter
HOFOOD	hh spending on food and groceries in last 4 weeks
HOFOS	average wkly gas and elec payment - summer
HOFOW	average wkly gas and elec payment - winter
HOFPAY	method used to pay for gas and electricity
HOFPGS	wkly amt spent on paraffin/bottled gas - summer
HOFPGW	wkly amt spent on paraffin/bottled gas - winter
HOFPS	average wkly gas and elec meter payment - summer
HOFPW	average wkly gas and elec meter payment - winter
HOFSM	monthly staywarm payment - gas and elec
HOFSP	is staywarm payment weekly, monthly or quarterly? - gas
HOFSQ	quarterly staywarm payment - gas and elec
HOFSUP	gets gas and electricity from same or different supplier
HOFSW	weekly staywarm payment - gas and elec
HOFTOG	pays for gas and electricity together or separately
HOFUEL95	fuels used in household for heating or other purpose - o
HOFUELCO	fuels used in household for heating or other purpose - c
HOFUELEL	fuels used in household for heating or other purpose - e
HOFUELGA	fuels used in household for heating or other purpose - m
HOFUELOI	fuels used in household for heating or other purpose - o
HOFUELPA	fuels used in household for heating or other purpose - p
HOFUELWO	fuels used in household for heating or other purpose - w
HOFWS	wkly amt spent on wood - summer
HOFWW	wkly amt spent on wood - winter
HOFXS	wkly amt spent on other fuel - summer
HOFXW	wkly amt spent on other fuel - winter
HOGBMS	monthly gas bill - summer
HOGBMW	monthly gas bill - winter
HOGBP	is your gas bill monthly or quarterly?
HOGBQS	quarterly gas bill - summer
HOGBQW	quarterly gas bill - winter
HOGD	is your gas direct debit monthly or quarterly?
HOGDM	how much is your monthly direct debit for your gas?
HOGDQ	how much is your quarterly direct debit for your gas?
HOGOS	average wkly gas payment - summer
HOGOW	average wkly gas payment - winter
HOGPAY	method used to pay for gas
HOGPS	average wkly gas meter payment - summer
HOGPW	average wkly gas meter payment - winter
HOOUTF	hh spending on food out of home in last 4 weeks
HOPERI	last rent payment - period covered
HORENT	last rent payment (including any services or charges but
HOTENU	tenure

Wave 5 Core:

ASKPX	whether respondent had an interview by proxy
HOCL	hh spending on clothing and footwear in last 4 weeks
HOEBMS	monthly electricity bill - summer
HOEBMW	monthly electricity bill - winter
HOEBQS	quarterly electricity bill - summer
HOEBQW	quarterly electricity bill - winter
HOEDM	monthly direct debit - electricity
HOEDQ	quarterly direct debit - electricity
HOEOS	average wkly elec payment - summer
HOEOW	average wkly elec payment - winter
HOEPAY	method used to pay for electricity
HOEPS	average wkly elec meter payment - summer
HOEPW	average wkly elec meter payment - winter
HOFB	is your gas and electricity bill monthly or quarterly?
HOFBMS	monthly gas and electricity bill in summer?
HOFBMW	monthly gas and elec bill - winter
HOFBMW	monthly gas and elec bill - winter
HOFBQS	quarterly gas and elec bill - summer
HOFBQW	quarterly gas and elec bill - winter
HOFBQW	quarterly gas and elec bill - winter
HOFCS	wkly amt spent on coal/smokeless fuel - summer
HOFCW	wkly amt spent on coal/smokeless fuel - winter
HOFD	is your gas and electricity direct debit monthly or quar
HOFDM	monthly gas and elec direct debit
HOFDQ	quarterly gas and elec direct debit
HOFOIS	wkly amt spent on oil - summer
HOFOIW	wkly amt spent on oil - winter
HOFOOD	hh spending on food and groceries in last 4 weeks
HOFOS	average wkly gas and elec payment - summer
HOFOW	average wkly gas and elec payment - winter
HOFPAY	method used to pay for gas and electricity
HOFPGS	wkly amt spent on paraffin/bottled gas - summer
HOFPGW	wkly amt spent on paraffin/bottled gas - winter
HOFPS	average wkly gas and elec meter payment - summer
HOFPW	average wkly gas and elec meter payment - winter
HOFSM	monthly staywarm payment - gas and elec
HOFSP	is staywarm payment weekly, monthly or quarterly? - gas
HOFSQ	quarterly staywarm payment - gas and elec
HOFSUP	gets gas and electricity from same or different supplier
HOFSW	weekly staywarm payment - gas and elec
HOFTOG	pays for gas and electricity together or separately
HOFUEL95	fuels used in household for heating or other purpose - o
HOFUELCO	fuels used in household for heating or other purpose - c
HOFUELEL	fuels used in household for heating or other purpose - e
HOFUELGA	fuels used in household for heating or other purpose - m
HOFUELOI	fuels used in household for heating or other purpose - o
HOFUELPA	fuels used in household for heating or other purpose - p
HOFUELWO	fuels used in household for heating or other purpose - w
HOFWS	wkly amt spent on wood - summer
HOFWW	wkly amt spent on wood - winter
HOFXS	wkly amt spent on other fuel - summer
HOFXW	wkly amt spent on other fuel - winter
HOGBMS	monthly gas bill - summer
HOGBMW	monthly gas bill - winter
HOGBP	is your gas bill monthly or quarterly?
HOGBQS	quarterly gas bill - summer
HOGBQW	quarterly gas bill - winter
HOGD	is your gas direct debit monthly or quarterly?
HOGDM	how much is your monthly direct debit for your gas?
HOGDQ	how much is your quarterly direct debit for your gas?
HOGOS	average wkly gas payment - summer
HOGOW	average wkly gas payment - winter

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    HOGPAY          method used to pay for gas
    HOGPS           average wkly gas meter payment - summer
    HOGPW           average wkly gas meter payment - winter
    HOOUTF          hh spending on food out of home in last 4 weeks
    HOPERI          last rent payment - period covered
    HORENT          last rent payment (including any services or charges but
    HOTENU          tenure
Wave 6 Core:
    ASKPX           whether respondent had an interview by proxy
    HOCL            hh spending on clothing and footwear in last 4 weeks
    HOEBMS          monthly electricity bill - summer
    HOEBMW          monthly electricity bill - winter
    HOEBQS          quarterly electricity bill - summer
    HOEBQW          quarterly electricity bill - winter
    HOEDM           monthly direct debit - electricity
    HOEDQ           quarterly direct debit - electricity
    HOEOS           average wkly elec payment - summer
    HOEOW           average wkly elec payment - winter
    HOEPAY          method used to pay for electricity
    HOEPS           average wkly elec meter payment - summer
    HOEPW           average wkly elec meter payment - winter
    HOFB            is your gas and electricity  bill monthly or quarterly?
    HOFBMS          monthly  gas and electricity bill in summer?
    HOFBMW          monthly gas and elec bill - winter
    HOFBMW          monthly gas and elec bill - winter
    HOFBQS          quarterly gas and elec bill - summer
    HOFBQW          quarterly gas and elec bill - winter
    HOFBQW          quarterly gas and elec bill - winter
    HOFCS           wkly amt spent on coal/smokeless fuel - summer
    HOFCW           wkly amt spent on coal/smokeless fuel - winter
    HOFD            is your gas and electricity direct debit monthly or quar
    HOFDM           monthly gas and elec direct debit
    HOFDQ           quarterly gas and elec direct debit
    HOFOIS          wkly amt spent on oil - summer
    HOFOIW          wkly amt spent on oil - winter
    HOFOOD          hh spending on food and groceries in last 4 weeks
    HOFOS           average wkly gas and elec payment - summer
    HOFOW           average wkly gas and elec payment - winter
    HOFPAY          method used to pay for gas and electricity
    HOFPGS          wkly amt spent on paraffin/bottled gas - summer
    HOFPGW          wkly amt spent on paraffin/bottled gas - winter
    HOFPS           average wkly gas and elec meter payment - summer
    HOFPW           average wkly gas and elec meter payment - winter
    HOFSM           monthly staywarm payment - gas and elec
    HOFSP           is staywarm payment weekly, monthly or quarterly? - gas
    HOFSQ           quarterly staywarm payment - gas and elec
    HOFSUP          gets gas and electricity from same or different supplier
    HOFSW           weekly staywarm payment - gas and elec
    HOFTOG          pays for gas and electricity together or separately
    HOFUEL95        fuels used in household for heating or other purpose - o
    HOFUELCO        fuels used in household for heating or other purpose - c
    HOFUELEL        fuels used in household for heating or other purpose - e
    HOFUELGA        fuels used in household for heating or other purpose - m
    HOFUELOI        fuels used in household for heating or other purpose - o
    HOFUELPA        fuels used in household for heating or other purpose - p
    HOFUELWO        fuels used in household for heating or other purpose - w
    HOFWS           wkly amt spent on wood - summer
    HOFWW           wkly amt spent on wood - winter
    HOFXS           wkly amt spent on other fuel - summer
    HOFXW           wkly amt spent on other fuel - winter
    HOGBMS          monthly gas bill - summer
    HOGBMW          monthly gas bill - winter
    HOGBP           is your gas bill monthly or quarterly?
```

HOGBQS	quarterly gas bill - summer
HOGBQW	quarterly gas bill - winter
HOGD	is your gas direct debit monthly or quarterly?
HOGDM	how much is your monthly direct debit for your gas?
HOGDQ	how much is your quarterly direct debit for your gas?
HOGOS	average wkly gas payment - summer
HOGOW	average wkly gas payment - winter
HOGPAY	method used to pay for gas
HOGPS	average wkly gas meter payment - summer
HOGPW	average wkly gas meter payment - winter
HOLEIS	spending on leisure activities in last 4 weeks
HOOUTF	hh spending on food out of home in last 4 weeks
HOPERI	last rent payment - period covered
HORENT	last rent payment (including any services or charges but
HOTENU	tenure

Wave 7 Core:

ASKPX	whether respondent had an interview by proxy
HOCL	hh spending on clothing and footwear in last 4 weeks
HOEBMS	monthly electricity bill - summer
HOEBMW	monthly electricity bill - winter
HOEBQS	quarterly electricity bill - summer
HOEBQW	quarterly electricity bill - winter
HOEDM	monthly direct debit - electricity
HOEDQ	quarterly direct debit - electricity
HOEOS	average wkly elec payment - summer
HOEOW	average wkly elec payment - winter
HOEPAY	method used to pay for electricity
HOEPS	average wkly elec meter payment - summer
HOEPW	average wkly elec meter payment - winter
HOFB	is your gas and electricity bill monthly or quarterly?
HOFBMS	monthly gas and electricity bill in summer?
HOFBMW	monthly gas and elec bill - winter
HOFBMW	monthly gas and elec bill - winter
HOFBQS	quarterly gas and elec bill - summer
HOFBQW	quarterly gas and elec bill - winter
HOFBQW	quarterly gas and elec bill - winter
HOFCS	wkly amt spent on coal/smokeless fuel - summer
HOFCW	wkly amt spent on coal/smokeless fuel - winter
HOFD	is your gas and electricity direct debit monthly or quar
HOFDM	monthly gas and elec direct debit
HOFDQ	quarterly gas and elec direct debit
HOFOIS	wkly amt spent on oil - summer
HOFOIW	wkly amt spent on oil - winter
HOFOOD	hh spending on food and groceries in last 4 weeks
HOFOS	average wkly gas and elec payment - summer
HOFOW	average wkly gas and elec payment - winter
HOFPAY	method used to pay for gas and electricity
HOFPGS	wkly amt spent on paraffin/bottled gas - summer
HOFPGW	wkly amt spent on paraffin/bottled gas - winter
HOFPS	average wkly gas and elec meter payment - summer
HOFPW	average wkly gas and elec meter payment - winter
HOFSM	monthly staywarm payment - gas and elec
HOFSP	is staywarm payment weekly, monthly or quarterly? - gas
HOFSQ	quarterly staywarm payment - gas and elec
HOFSUP	gets gas and electricity from same or different supplier
HOFSW	weekly staywarm payment - gas and elec
HOFTOG	pays for gas and electricity together or separately
HOFUEL95	fuels used in household for heating or other purpose - o
HOFUELCO	fuels used in household for heating or other purpose - c
HOFUELEL	fuels used in household for heating or other purpose - e
HOFUELGA	fuels used in household for heating or other purpose - m
HOFUELOI	fuels used in household for heating or other purpose - o
HOFUELPA	fuels used in household for heating or other purpose - p

HOFUELWO	fuels used in household for heating or other purpose - w
HOFWS	wkly amt spent on wood - summer
HOFWW	wkly amt spent on wood - winter
HOFXS	wkly amt spent on other fuel - summer
HOFXW	wkly amt spent on other fuel - winter
HOGBMS	monthly gas bill - summer
HOGBMW	monthly gas bill - winter
HOGBP	is your gas bill monthly or quarterly?
HOGBQS	quarterly gas bill - summer
HOGBQW	quarterly gas bill - winter
HOGD	is your gas direct debit monthly or quarterly?
HOGDM	how much is your monthly direct debit for your gas?
HOGDQ	how much is your quarterly direct debit for your gas?
HOGOS	average wkly gas payment - summer
HOGOW	average wkly gas payment - winter
HOGPAY	method used to pay for gas
HOGPS	average wkly gas meter payment - summer
HOGPW	average wkly gas meter payment - winter
HOLEIS	spending on leisure activities in last 4 weeks
HOOUTF	hh spending on food out of home in last 4 weeks
HOPERI	last rent payment - period covered
HORENT	last rent payment (including any services or charges but
HOTENU	tenure

Section G: Family Structure

Number of People Living in Household

Wave	Variable	Label	Type
1	H1HHRES	h1hhres:w1 Number of people in Household	Cont
2	H2HHRES	h2hhres:w2 Number of people in Household	Cont
3	H3HHRES	h3hhres:w3 Number of people in Household	Cont
4	H4HHRES	h4hhres:w4 Number of people in Household	Cont
5	H5HHRES	h5hhres:w5 Number of people in Household	Cont
6	H6HHRES	h6hhres:w6 Number of people in Household	Cont
7	H7HHRES	h7hhres:w7 Number of people in Household	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1HHRES	12099	2.10	0.94	1.00	11.00
H2HHRES	9432	2.03	0.88	1.00	11.00
H3HHRES	9771	2.13	1.00	1.00	11.00
H4HHRES	11050	2.07	0.91	1.00	9.00
H5HHRES	10274	2.02	0.87	1.00	9.00
H6HHRES	10601	2.07	0.90	1.00	9.00
H7HHRES	9666	2.05	0.89	1.00	8.00

How Constructed

HwHHRES counts the number of people living in a household, including those who were respondents.

Number of residents living in a household is derived from the ELSA derived variables file, which includes adults and children in the household.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

Wave 1 Ifs Derived:
    NPEOPLE number of people in hh (adults + children)
Wave 2 Ifs Derived:
    NPEOPLE number of people in hh (adults + children)
Wave 3 Ifs Derived:
    NPEOPLE number of people in hh (adults + children)
Wave 4 Ifs Derived:
    NPEOPLE number of people in hh (adults + children)
Wave 5 Ifs Derived:
    NPEOPLE number of people in hh (adults + children)
Wave 6 Ifs Derived:
    NPEOPLE number of people in hh (adults + children)
Wave 7 Ifs Derived:
    NPEOPLE number of people in hh (adults + children)

Number of Children

Wave	Variable	Label	Type
1	R1DAU	r1dau:w1 r Number of living daughter	Cont
2	R2DAU	r2dau:w2 r Number of living daughter	Cont
3	R3DAU	r3dau:w3 r Number of living daughter	Cont
4	R4DAU	r4dau:w4 r Number of living daughter	Cont
5	R5DAU	r5dau:w5 r Number of living daughter	Cont
6	R6DAU	r6dau:w6 r Number of living daughter	Cont
7	R7DAU	r7dau:w7 r Number of living daughter	Cont
1	S1DAU	s1dau:w1 s Number of living daughter	Cont
2	S2DAU	s2dau:w2 s Number of living daughter	Cont
3	S3DAU	s3dau:w3 s Number of living daughter	Cont
4	S4DAU	s4dau:w4 s Number of living daughter	Cont
5	S5DAU	s5dau:w5 s Number of living daughter	Cont
6	S6DAU	s6dau:w6 s Number of living daughter	Cont
7	S7DAU	s7dau:w7 s Number of living daughter	Cont
1	R1SON	r1son:w1 r Number of living son	Cont
2	R2SON	r2son:w2 r Number of living son	Cont
3	R3SON	r3son:w3 r Number of living son	Cont
4	R4SON	r4son:w4 r Number of living son	Cont
5	R5SON	r5son:w5 r Number of living son	Cont
6	R6SON	r6son:w6 r Number of living son	Cont
7	R7SON	r7son:w7 r Number of living son	Cont
1	S1SON	s1son:w1 s Number of living son	Cont
2	S2SON	s2son:w2 s Number of living son	Cont
3	S3SON	s3son:w3 s Number of living son	Cont
4	S4SON	s4son:w4 s Number of living son	Cont
5	S5SON	s5son:w5 s Number of living son	Cont
6	S6SON	s6son:w6 s Number of living son	Cont
7	S7SON	s7son:w7 s Number of living son	Cont
1	R1CHILD	r1child:w1 R Number of living children	Cont
2	R2CHILD	r2child:w2 R Number of living children	Cont
3	R3CHILD	r3child:w3 R Number of living children	Cont
4	R4CHILD	r4child:w4 R Number of living children	Cont
5	R5CHILD	r5child:w5 R Number of living children	Cont
6	R6CHILD	r6child:w6 R Number of living children	Cont
7	R7CHILD	r7child:w7 R Number of living children	Cont
1	S1CHILD	s1child:w1 S Number of living children	Cont
2	S2CHILD	s2child:w2 S Number of living children	Cont
3	S3CHILD	s3child:w3 S Number of living children	Cont
4	S4CHILD	s4child:w4 S Number of living children	Cont
5	S5CHILD	s5child:w5 S Number of living children	Cont
6	S6CHILD	s6child:w6 S Number of living children	Cont
7	S7CHILD	s7child:w7 S Number of living children	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DAU	12099	1.12	1.06	0.00	7.00
R2DAU	9432	0.96	0.99	0.00	7.00
R3DAU	9771	1.07	1.04	0.00	7.00
R4DAU	11050	1.06	1.05	0.00	8.00
R5DAU	10274	1.05	1.05	0.00	8.00

R6DAU	10601	1.05	1.05	0.00	8.00
R7DAU	9666	1.04	1.05	0.00	8.00
S1DAU	8070	1.19	1.04	0.00	7.00
S2DAU	6178	1.02	0.99	0.00	7.00
S3DAU	6386	1.13	1.03	0.00	7.00
S4DAU	7402	1.13	1.06	0.00	7.00
S5DAU	6964	1.10	1.05	0.00	7.00
S6DAU	7242	1.11	1.05	0.00	8.00
S7DAU	6560	1.09	1.06	0.00	8.00
R1SON	12099	1.14	1.10	0.00	10.00
R2SON	9432	0.97	1.02	0.00	8.00
R3SON	9771	1.08	1.08	0.00	9.00
R4SON	11050	1.05	1.06	0.00	8.00
R5SON	10274	1.04	1.06	0.00	9.00
R6SON	10601	1.06	1.08	0.00	9.00
R7SON	9666	1.04	1.06	0.00	9.00
S1SON	8070	1.22	1.10	0.00	10.00
S2SON	6178	1.03	1.01	0.00	8.00
S3SON	6386	1.13	1.07	0.00	9.00
S4SON	7402	1.10	1.06	0.00	8.00
S5SON	6964	1.09	1.07	0.00	9.00
S6SON	7242	1.11	1.10	0.00	9.00
S7SON	6560	1.08	1.07	0.00	9.00
R1CHILD	12099	2.26	1.52	0.00	13.00
R2CHILD	9432	1.93	1.43	0.00	12.00
R3CHILD	9771	2.15	1.53	0.00	13.00
R4CHILD	11050	2.11	1.51	0.00	13.00
R5CHILD	10274	2.09	1.51	0.00	13.00
R6CHILD	10601	2.11	1.52	0.00	13.00
R7CHILD	9666	2.09	1.51	0.00	11.00
S1CHILD	8070	2.41	1.44	0.00	11.00
S2CHILD	6178	2.04	1.37	0.00	10.00
S3CHILD	6386	2.27	1.46	0.00	10.00
S4CHILD	7402	2.23	1.48	0.00	11.00
S5CHILD	6964	2.19	1.48	0.00	12.00
S6CHILD	7242	2.22	1.50	0.00	13.00
S7CHILD	6560	2.17	1.49	0.00	11.00

How Constructed

RwDAU is the number of living daughters of the respondent, including anyone who is a biological daughter, adopted daughter, step-daughter, or foster daughter of the respondent. The daughter may or may not be living with the respondent.

SwDAU is the number of the current wave’s spouse’s living daughters. It is taken from the spouse's values to RwDAU. In addition to the special missing codes used in RwDAU, SwDAU employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

RwSON is the number of living sons of the respondent, including anyone who is a biological son, adopted son, step-son, or foster son of the respondent. The son may or may not be living with the respondent.

SwSON is the number of the current wave’s spouse’s living sons. It is taken from the spouse's values to RwSON. In addition to the special missing codes used in RwSON, SwSON employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

RwCHILD provides the sum of living children of the respondent. The number of living children is derived from counting the number of living children from the derived variables file that is provided by ELSA, which includes anyone who is a biological child, adopted child, step-child, or foster child of the respondent.

SwCHILD is the sum of current wave's spouse's living children. It is taken from the spouse's values to RwCHILD. In addition to the special missing codes used in RwCHILD, SwCHILD employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

ELSA explicitly asks respondents to include foster children in their reports of living children.

ELSA Variables Used

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Wave 1 Ifs Derived:
    CHSEX1          sex of respondent's 1st child
    CHSEX10         sex of respondent's 10th child
    CHSEX11         sex of respondent's 11th child
    CHSEX12         sex of respondent's 12th child
    CHSEX13         sex of respondent's 13th child
    CHSEX14         sex of respondent's 14th child
    CHSEX15         sex of respondent's 15th child
    CHSEX16         sex of respondent's 16th child
    CHSEX2          sex of respondent's 2nd child
    CHSEX3          sex of respondent's 3rd child
    CHSEX4          sex of respondent's 4th child
    CHSEX5          sex of respondent's 5th child
    CHSEX6          sex of respondent's 6th child
    CHSEX7          sex of respondent's 7th child
    CHSEX8          sex of respondent's 8th child
    CHSEX9          sex of respondent's 9th child
Wave 2 Ifs Derived:
    CHSEX1          sex of respondent's 1st child
    CHSEX10         sex of respondent's 10th child
    CHSEX11         sex of respondent's 11th child
    CHSEX12         sex of respondent's 12th child
    CHSEX13         sex of respondent's 13th child
    CHSEX14         sex of respondent's 14th child
    CHSEX15         sex of respondent's 15th child
    CHSEX16         sex of respondent's 16th child
    CHSEX2          sex of respondent's 2nd child
    CHSEX3          sex of respondent's 3rd child
    CHSEX4          sex of respondent's 4th child
    CHSEX5          sex of respondent's 5th child
    CHSEX6          sex of respondent's 6th child
    CHSEX7          sex of respondent's 7th child
    CHSEX8          sex of respondent's 8th child
    CHSEX9          sex of respondent's 9th child
Wave 3 Ifs Derived:
    CHSEX1          sex of respondent's 1st child
    CHSEX10         sex of respondent's 10th child
    CHSEX11         sex of respondent's 11th child
    CHSEX12         sex of respondent's 12th child
    CHSEX13         sex of respondent's 13th child
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    CHSEX14         sex of respondent's 14th child
    CHSEX15         sex of respondent's 15th child
    CHSEX16         sex of respondent's 16th child
    CHSEX2          sex of respondent's 2nd child
    CHSEX3          sex of respondent's 3rd child
    CHSEX4          sex of respondent's 4th child
    CHSEX5          sex of respondent's 5th child
    CHSEX6          sex of respondent's 6th child
    CHSEX7          sex of respondent's 7th child
    CHSEX8          sex of respondent's 8th child
    CHSEX9          sex of respondent's 9th child
Wave 4 Ifs Derived:
    CHSEX1          sex of respondent's 1st child
    CHSEX10         sex of respondent's 10th child
    CHSEX11         sex of respondent's 11th child
    CHSEX12         sex of respondent's 12th child
    CHSEX13         sex of respondent's 13th child
    CHSEX14         sex of respondent's 14th child
    CHSEX15         sex of respondent's 15th child
    CHSEX16         sex of respondent's 16th child
    CHSEX2          sex of respondent's 2nd child
    CHSEX3          sex of respondent's 3rd child
    CHSEX4          sex of respondent's 4th child
    CHSEX5          sex of respondent's 5th child
    CHSEX6          sex of respondent's 6th child
    CHSEX7          sex of respondent's 7th child
    CHSEX8          sex of respondent's 8th child
    CHSEX9          sex of respondent's 9th child
Wave 5 Ifs Derived:
    CHSEX1          sex of respondent's 1st child
    CHSEX10         sex of respondent's 10th child
    CHSEX11         sex of respondent's 11th child
    CHSEX12         sex of respondent's 12th child
    CHSEX13         sex of respondent's 13th child
    CHSEX14         sex of respondent's 14th child
    CHSEX15         sex of respondent's 15th child
    CHSEX16         sex of respondent's 16th child
    CHSEX2          sex of respondent's 2nd child
    CHSEX3          sex of respondent's 3rd child
    CHSEX4          sex of respondent's 4th child
    CHSEX5          sex of respondent's 5th child
    CHSEX6          sex of respondent's 6th child
    CHSEX7          sex of respondent's 7th child
    CHSEX8          sex of respondent's 8th child
    CHSEX9          sex of respondent's 9th child
Wave 6 Ifs Derived:
    CHSEX1          sex of respondent's 1st child
    CHSEX10         sex of respondent's 10th child
    CHSEX11         sex of respondent's 11th child
    CHSEX12         sex of respondent's 12th child
    CHSEX13         sex of respondent's 13th child
    CHSEX14         sex of respondent's 14th child
    CHSEX15         sex of respondent's 15th child
    CHSEX16         sex of respondent's 16th child
    CHSEX2          sex of respondent's 2nd child
    CHSEX3          sex of respondent's 3rd child
    CHSEX4          sex of respondent's 4th child
    CHSEX5          sex of respondent's 5th child
    CHSEX6          sex of respondent's 6th child
    CHSEX7          sex of respondent's 7th child
    CHSEX8          sex of respondent's 8th child
    CHSEX9          sex of respondent's 9th child
Wave 7 Ifs Derived:
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CHSEX1          sex of respondent's 1st child
CHSEX10         sex of respondent's 10th child
CHSEX11         sex of respondent's 11th child
CHSEX12         sex of respondent's 12th child
CHSEX13         sex of respondent's 13th child
CHSEX14         sex of respondent's 14th child
CHSEX15         sex of respondent's 15th child
CHSEX16         sex of respondent's 16th child
CHSEX2          sex of respondent's 2nd child
CHSEX3          sex of respondent's 3rd child
CHSEX4          sex of respondent's 4th child
CHSEX5          sex of respondent's 5th child
CHSEX6          sex of respondent's 6th child
CHSEX7          sex of respondent's 7th child
CHSEX8          sex of respondent's 8th child
CHSEX9          sex of respondent's 9th child
```

Number of Living Grand and Great-Grandchildren

Wave	Variable	Label	Type
1	R1GRCHILD_E	r1grchild_e:w1 R number of grandchildren/great-grandchildren	Cont
2	R2GRCHILD_E	r2grchild_e:w2 R number of grandchildren/great-grandchildren	Cont
3	R3GRCHILD_E	r3grchild_e:w3 R number of grandchildren/great-grandchildren	Cont
4	R4GRCHILD_E	r4grchild_e:w4 R number of grandchildren/great-grandchildren	Cont
5	R5GRCHILD_E	r5grchild_e:w5 R number of grandchildren/great-grandchildren	Cont
6	R6GRCHILD_E	r6grchild_e:w6 R number of grandchildren/great-grandchildren	Cont
7	R7GRCHILD_E	r7grchild_e:w7 R number of grandchildren/great-grandchildren	Cont
1	S1GRCHILD_E	s1grchild_e:w1 S number of grandchildren/great-grandchildren	Cont
2	S2GRCHILD_E	s2grchild_e:w2 S number of grandchildren/great-grandchildren	Cont
3	S3GRCHILD_E	s3grchild_e:w3 S number of grandchildren/great-grandchildren	Cont
4	S4GRCHILD_E	s4grchild_e:w4 S number of grandchildren/great-grandchildren	Cont
5	S5GRCHILD_E	s5grchild_e:w5 S number of grandchildren/great-grandchildren	Cont
6	S6GRCHILD_E	s6grchild_e:w6 S number of grandchildren/great-grandchildren	Cont
7	S7GRCHILD_E	s7grchild_e:w7 S number of grandchildren/great-grandchildren	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1GRCHILD_E	12059	2.97	4.30	0.00	65.00
R2GRCHILD_E	9407	3.18	4.41	0.00	74.00
R3GRCHILD_E	9740	2.98	4.40	0.00	77.00
R4GRCHILD_E	10947	2.99	4.24	0.00	97.00
R5GRCHILD_E	10242	3.23	4.30	0.00	71.00
R6GRCHILD_E	10561	3.20	4.31	0.00	65.00
R7GRCHILD_E	9610	3.32	4.49	0.00	87.00
S1GRCHILD_E	8046	2.72	3.77	0.00	48.00
S2GRCHILD_E	6168	2.92	3.83	0.00	49.00
S3GRCHILD_E	6369	2.62	3.61	0.00	42.00
S4GRCHILD_E	7350	2.72	3.55	0.00	32.00
S5GRCHILD_E	6950	2.92	3.62	0.00	32.00
S6GRCHILD_E	7223	2.92	3.69	0.00	32.00
S7GRCHILD_E	6519	3.04	3.88	0.00	42.00

How Constructed

RwGRCHILD_E provides the number of grandchildren or great-grandchildren of the respondent. ELSA provides a derived version of this variable which includes the sum of the grandchildren or great-grandchildren who live either inside the household or outside the household. Don't know, refuse, and other missing responses are set to .d, .r, and .m, respectively. Responses are set to blank missing (.) when the respondent does not participate in the current wave.

SwGRCHILD_E is the number of current wave’s spouse’s grandchildren or great-grandchildren. It is taken from the spouse's values to RwGRCHILD_E. In addition to the special missing codes used in RwGRCHILD_E, SwGRCHILD_E employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Number of grandchildren is not provided in the main RAND HRS file but is included in the RAND HRS Family Data in the variable KwGKIDS, which records the number of grandchildren for each child.

Unlike the HRS, RwGRCHILD_E in ELSA provides a count of grandchildren and great-grandchildren, rather than only grandchildren.

ELSA Variables Used

```
Wave 1 Ifs Derived:
    NGRANDCH       number of grandchildren or great-grandchildren inside or
Wave 2 Ifs Derived:
    NGRANDCH       number of grandchildren or great-grandchildren inside or
Wave 3 Ifs Derived:
    NGRANDCH       number of grandchildren or great-grandchildren inside or
Wave 4 Ifs Derived:
    NGRANDCH       number of grandchildren or great-grandchildren inside or
Wave 5 Ifs Derived:
    NGRANDCH       number of grandchildren or great-grandchildren inside or
Wave 6 Ifs Derived:
    NGRANDCH       number of grandchildren or great-grandchildren inside or
Wave 7 Ifs Derived:
    NGRANDCH       number of grandchildren or great-grandchildren inside or
```

Number of Living Siblings

Wave	Variable	Label	Type
1	R1LIVSIB	r1livsib:w1 r Number of living siblings	Cont
2	R2LIVSIB	r2livsib:w2 r Number of living siblings	Cont
3	R3LIVSIB	r3livsib:w3 r Number of living siblings	Cont
4	R4LIVSIB	r4livsib:w4 r Number of living siblings	Cont
5	R5LIVSIB	r5livsib:w5 r Number of living siblings	Cont
6	R6LIVSIB	r6livsib:w6 r Number of living siblings	Cont
7	R7LIVSIB	r7livsib:w7 r Number of living siblings	Cont
1	S1LIVSIB	s1livsib:w1 s Number of living siblings	Cont
2	S2LIVSIB	s2livsib:w2 s Number of living siblings	Cont
3	S3LIVSIB	s3livsib:w3 s Number of living siblings	Cont
4	S4LIVSIB	s4livsib:w4 s Number of living siblings	Cont
5	S5LIVSIB	s5livsib:w5 s Number of living siblings	Cont
6	S6LIVSIB	s6livsib:w6 s Number of living siblings	Cont
7	S7LIVSIB	s7livsib:w7 s Number of living siblings	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LIVSIB	12056	1.94	1.95	0.00	17.00
R2LIVSIB	9408	1.83	1.87	0.00	17.00
R3LIVSIB	9735	1.89	1.85	0.00	17.00
R4LIVSIB	10943	1.88	1.83	0.00	17.00
R5LIVSIB	10231	1.83	1.80	0.00	17.00
R6LIVSIB	10569	1.86	1.78	0.00	16.00
R7LIVSIB	9645	1.84	1.76	0.00	16.00
S1LIVSIB	8046	2.00	1.96	0.00	17.00
S2LIVSIB	6166	1.90	1.87	0.00	17.00
S3LIVSIB	6372	1.94	1.83	0.00	16.00
S4LIVSIB	7341	1.91	1.80	0.00	16.00
S5LIVSIB	6937	1.88	1.78	0.00	14.00
S6LIVSIB	7221	1.91	1.76	0.00	13.00
S7LIVSIB	6551	1.88	1.73	0.00	12.00

How Constructed

RwLIVSIB is the number of the respondent’s living siblings. Don't know, refuse, and other missing responses of RwLIVSIB are assigned special missing codes of .d, .r, .m, respectively. RwLIVSIB is set to blank missing (.) if the respondent did not participate in the current wave.

SwLIVSIB is the number of the current wave’s spouse’s living siblings. It is taken from the spouse's values to RwLIVSIB. In addition to the special missing codes used in RwLIVSIB, SwLIVSIB employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

In all waves of ELSA the number of living siblings is taken from a direct question asking the number of living brothers or sisters.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, the ELSA does not survey number of living brothers separately from number of living sisters. ELSA only asks respondents to report the total number of living siblings.

In Waves 1, 2H, 3H, 4 and 5 of the HRS, these data are provided by the Family Respondent, in all other HRS Waves these data are taken from a direct question, as they are for all waves of the ELSA.

ELSA Variables Used

```
Wave 1 Ifs Derived:
    NSIBS          number of living siblings
Wave 2 Ifs Derived:
    NSIBS          number of living siblings
Wave 3 Ifs Derived:
    NSIBS          number of living siblings
Wave 4 Ifs Derived:
    NSIBS          number of living siblings
Wave 5 Ifs Derived:
    NSIBS          number of living siblings
Wave 6 Ifs Derived:
    NSIBS          number of living siblings
Wave 7 Ifs Derived:
    NSIBS          number of living siblings
```

Number of Living Parents: Mother Alive

Wave	Variable	Label	Type
1	R1MOMLIV	r1momliv:w1 r mother alive	Categ
2	R2MOMLIV	r2momliv:w2 r mother alive	Categ
3	R3MOMLIV	r3momliv:w3 r mother alive	Categ
4	R4MOMLIV	r4momliv:w4 r mother alive	Categ
5	R5MOMLIV	r5momliv:w5 r mother alive	Categ
6	R6MOMLIV	r6momliv:w6 r mother alive	Categ
7	R7MOMLIV	r7momliv:w7 r mother alive	Categ
1	S1MOMLIV	s1momliv:w1 s mother alive	Categ
2	S2MOMLIV	s2momliv:w2 s mother alive	Categ
3	S3MOMLIV	s3momliv:w3 s mother alive	Categ
4	S4MOMLIV	s4momliv:w4 s mother alive	Categ
5	S5MOMLIV	s5momliv:w5 s mother alive	Categ
6	S6MOMLIV	s6momliv:w6 s mother alive	Categ
7	S7MOMLIV	s7momliv:w7 s mother alive	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MOMLIV	12017	0.22	0.41	0.00	1.00
R2MOMLIV	9395	0.19	0.39	0.00	1.00
R3MOMLIV	9726	0.23	0.42	0.00	1.00
R4MOMLIV	10960	0.21	0.41	0.00	1.00
R5MOMLIV	10202	0.19	0.39	0.00	1.00
R6MOMLIV	10538	0.21	0.41	0.00	1.00
R7MOMLIV	9610	0.20	0.40	0.00	1.00
S1MOMLIV	8015	0.25	0.43	0.00	1.00
S2MOMLIV	6157	0.22	0.42	0.00	1.00
S3MOMLIV	6356	0.27	0.44	0.00	1.00
S4MOMLIV	7338	0.24	0.43	0.00	1.00
S5MOMLIV	6909	0.22	0.41	0.00	1.00
S6MOMLIV	7191	0.24	0.43	0.00	1.00
S7MOMLIV	6514	0.23	0.42	0.00	1.00

Categorical Variable Codes

Value	R1MOMLIV	R2MOMLIV	R3MOMLIV	R4MOMLIV	R5MOMLIV	R6MOMLIV	R7MOMLIV
.d:DK	77	34	33	41	31	29	33
.m:Missing		3	12	47	39	34	23
.r:Refuse	5			2	2		
0.no	9396	7607	7472	8628	8250	8335	7698
1.yes	2621	1788	2254	2332	1952	2203	1912

Value	S1MOMLIV	S2MOMLIV	S3MOMLIV	S4MOMLIV	S5MOMLIV	S6MOMLIV	S7MOMLIV
.d:DK	51	18	18	26	20	20	25
.m:Missing		3	12	36	34	31	21
.r:Refuse	4			2	1		
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	5991	4786	4636	5552	5404	5489	5035
1.yes	2024	1371	1720	1786	1505	1702	1479

How Constructed

RwMOMLIV indicates whether the respondent’s mother is alive at the current wave. A code of 0 indicates that the respondent’s mother is not alive at the current wave and a code of 1 indicates that the respondent’s mother is alive at the current wave. Don’t know, refused, or other missing responses of RwMOMLIV are assigned special missing values .d, .r, .m, respectively. RwMOMLIV is set to plain missing (.) for respondents who did not respond to the current wave.

SwMOMLIV indicates whether the current wave’s spouse’s mother is alive at the current wave. It is taken from the spouse's values to RwMOMLIV. In addition to the special missing codes used in RwMOMLIV, SwMOMLIV employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

```
Index File:
    INDEX
Wave 1 Ifs Derived:
    MALIVE         whether mother is still alive
Wave 2 Ifs Derived:
    MALIVE         whether mother is still alive
Wave 3 Ifs Derived:
    MALIVE         whether mother is still alive
Wave 4 Ifs Derived:
    MALIVE         whether mother is still alive
Wave 5 Ifs Derived:
    MALIVE         whether mother is still alive
Wave 6 Ifs Derived:
    MALIVE         whether mother is still alive
Wave 7 Ifs Derived:
    MALIVE         whether mother is still alive
```

Number of Living Parents: Father Alive

Wave	Variable	Label	Type
1	R1DADLIV	r1dadliv:w1 r father alive	Categ
2	R2DADLIV	r2dadliv:w2 r father alive	Categ
3	R3DADLIV	r3dadliv:w3 r father alive	Categ
4	R4DADLIV	r4dadliv:w4 r father alive	Categ
5	R5DADLIV	r5dadliv:w5 r father alive	Categ
6	R6DADLIV	r6dadliv:w6 r father alive	Categ
7	R7DADLIV	r7dadliv:w7 r father alive	Categ
1	S1DADLIV	s1dadliv:w1 s father alive	Categ
2	S2DADLIV	s2dadliv:w2 s father alive	Categ
3	S3DADLIV	s3dadliv:w3 s father alive	Categ
4	S4DADLIV	s4dadliv:w4 s father alive	Categ
5	S5DADLIV	s5dadliv:w5 s father alive	Categ
6	S6DADLIV	s6dadliv:w6 s father alive	Categ
7	S7DADLIV	s7dadliv:w7 s father alive	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DADLIV	11896	0.09	0.29	0.00	1.00
R2DADLIV	9324	0.08	0.27	0.00	1.00
R3DADLIV	9666	0.11	0.31	0.00	1.00
R4DADLIV	10913	0.10	0.30	0.00	1.00
R5DADLIV	10154	0.08	0.28	0.00	1.00
R6DADLIV	10483	0.10	0.30	0.00	1.00
R7DADLIV	9569	0.10	0.30	0.00	1.00
S1DADLIV	7933	0.11	0.32	0.00	1.00
S2DADLIV	6107	0.10	0.30	0.00	1.00
S3DADLIV	6317	0.13	0.34	0.00	1.00
S4DADLIV	7304	0.12	0.32	0.00	1.00
S5DADLIV	6872	0.10	0.30	0.00	1.00
S6DADLIV	7156	0.12	0.32	0.00	1.00
S7DADLIV	6494	0.12	0.32	0.00	1.00

Categorical Variable Codes

Value	R1DADLIV	R2DADLIV	R3DADLIV	R4DADLIV	R5DADLIV	R6DADLIV	R7DADLIV
.d:DK	199	104	88	95	73	78	71
.m:Missing			16	40	44	40	26
.r:Refuse	4		1	2	3		
0.no	10779	8577	8594	9841	9293	9433	8626
1.yes	1117	747	1072	1072	861	1050	943

Value	S1DADLIV	S2DADLIV	S3DADLIV	S4DADLIV	S5DADLIV	S6DADLIV	S7DADLIV
.d:DK	134	67	54	59	50	49	42
.m:Missing			15	37	40	37	24
.r:Refuse	3			2	2		
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	7046	5518	5466	6448	6190	6315	5746
1.yes	887	589	851	856	682	841	748

How Constructed

RwDADLIV indicates whether the respondent’s father is alive at the current wave. A code of 0 indicates that the respondent’s father is not alive at the current wave and a code of 1 indicates that the respondent’s father is alive at the current wave. Don’t know, refused, or other missing responses of RwDADLIV are assigned special missing codes .d, .r, .m, respectively. RwDADLIV is set to plain missing (.) for respondents who did not respond to the current wave.

SwDADLIV indicates whether the current wave’s spouse’s father is alive at the current wave. It is taken from the spouse's values to RwDADLIV. In addition to the special missing codes used in RwDADLIV, SwDADLIV employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

```
Wave 1 Ifs Derived:
    FALIVE         whether father is still alive
Wave 2 Ifs Derived:
    FALIVE         whether father is still alive
Wave 3 Ifs Derived:
    FALIVE         whether father is still alive
Wave 4 Ifs Derived:
    FALIVE         whether father is still alive
Wave 5 Ifs Derived:
    FALIVE         whether father is still alive
Wave 6 Ifs Derived:
    FALIVE         whether father is still alive
Wave 7 Ifs Derived:
    FALIVE         whether father is still alive
```

Number of Living Parents

Wave	Variable	Label	Type
1	R1LIVPAR	r1livpar:w1 r Number of living parents	Cont
2	R2LIVPAR	r2livpar:w2 r Number of living parents	Cont
3	R3LIVPAR	r3livpar:w3 r Number of living parents	Cont
4	R4LIVPAR	r4livpar:w4 r Number of living parents	Cont
5	R5LIVPAR	r5livpar:w5 r Number of living parents	Cont
6	R6LIVPAR	r6livpar:w6 r Number of living parents	Cont
7	R7LIVPAR	r7livpar:w7 r Number of living parents	Cont
1	S1LIVPAR	s1livpar:w1 s Number of living parents	Cont
2	S2LIVPAR	s2livpar:w2 s Number of living parents	Cont
3	S3LIVPAR	s3livpar:w3 s Number of living parents	Cont
4	S4LIVPAR	s4livpar:w4 s Number of living parents	Cont
5	S5LIVPAR	s5livpar:w5 s Number of living parents	Cont
6	S6LIVPAR	s6livpar:w6 s Number of living parents	Cont
7	S7LIVPAR	s7livpar:w7 s Number of living parents	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LIVPAR	11868	0.31	0.58	0.00	2.00
R2LIVPAR	9304	0.27	0.54	0.00	2.00
R3LIVPAR	9649	0.34	0.61	0.00	2.00
R4LIVPAR	10877	0.31	0.58	0.00	2.00
R5LIVPAR	10128	0.28	0.55	0.00	2.00
R6LIVPAR	10462	0.31	0.58	0.00	2.00
R7LIVPAR	9547	0.30	0.58	0.00	2.00
S1LIVPAR	7910	0.36	0.62	0.00	2.00
S2LIVPAR	6091	0.32	0.58	0.00	2.00
S3LIVPAR	6304	0.40	0.65	0.00	2.00
S4LIVPAR	7283	0.36	0.62	0.00	2.00
S5LIVPAR	6853	0.32	0.58	0.00	2.00
S6LIVPAR	7138	0.35	0.62	0.00	2.00
S7LIVPAR	6475	0.34	0.62	0.00	2.00

How Constructed

RwLIVPAR provides the number of living parents for the respondent. It is derived by summing the RwMOMLIV and RwDADLIV. If either RwMOMLIV or RwDADLIV is missing then RwLIVPAR is missing. Don't know, refuse, and other missing responses to RwLIVPAR are assigned special missing codes .d, .r, .m, respectively. RwLIVPAR is set to blank missing (.) if the respondent did not participate in the current wave.

SwLIVPAR provides the number of living parents for the current wave's spouse and is taken from the spouse's values to RwLIVPAR. In addition to the special missing codes used in RwLIVPAR, SwLIVPAR employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

```
Wave 1 Ifs Derived:
    FALIVE         whether father is still alive
    MALIVE         whether mother is still alive
Wave 2 Ifs Derived:
    FALIVE         whether father is still alive
    MALIVE         whether mother is still alive
Wave 3 Ifs Derived:
    FALIVE         whether father is still alive
    MALIVE         whether mother is still alive
Wave 4 Ifs Derived:
    FALIVE         whether father is still alive
    MALIVE         whether mother is still alive
Wave 5 Ifs Derived:
    FALIVE         whether father is still alive
    MALIVE         whether mother is still alive
Wave 6 Ifs Derived:
    FALIVE         whether father is still alive
    MALIVE         whether mother is still alive
Wave 7 Ifs Derived:
    FALIVE         whether father is still alive
    MALIVE         whether mother is still alive
```

Parental Mortality: Mother's Current Age or Age at Death

Wave	Variable	Label	Type
1	R1MOMAGE	r1momage:w1 r mother age current/at death	Cont
2	R2MOMAGE	r2momage:w2 r mother age current/at death	Cont
3	R3MOMAGE	r3momage:w3 r mother age current/at death	Cont
4	R4MOMAGE	r4momage:w4 r mother age current/at death	Cont
5	R5MOMAGE	r5momage:w5 r mother age current/at death	Cont
6	R6MOMAGE	r6momage:w6 r mother age current/at death	Cont
7	R7MOMAGE	r7momage:w7 r mother age current/at death	Cont
1	S1MOMAGE	s1momage:w1 s mother age current/at death	Cont
2	S2MOMAGE	s2momage:w2 s mother age current/at death	Cont
3	S3MOMAGE	s3momage:w3 s mother age current/at death	Cont
4	S4MOMAGE	s4momage:w4 s mother age current/at death	Cont
5	S5MOMAGE	s5momage:w5 s mother age current/at death	Cont
6	S6MOMAGE	s6momage:w6 s mother age current/at death	Cont
7	S7MOMAGE	s7momage:w7 s mother age current/at death	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MOMAGE	11836	75.22	13.17	18.00	110.00
R2MOMAGE	9311	75.89	13.22	19.00	110.00
R3MOMAGE	9628	76.00	12.81	19.00	110.00
R4MOMAGE	10853	76.51	13.00	18.00	110.00
R5MOMAGE	10100	76.99	13.22	19.00	110.00
R6MOMAGE	10413	77.20	13.03	19.00	110.00
R7MOMAGE	9537	77.58	12.98	16.00	106.00
S1MOMAGE	7917	75.41	12.76	19.00	110.00
S2MOMAGE	6107	76.02	12.86	19.00	110.00
S3MOMAGE	6296	76.01	12.42	19.00	110.00
S4MOMAGE	7277	76.53	12.69	19.00	110.00
S5MOMAGE	6845	77.07	12.91	19.00	110.00
S6MOMAGE	7111	77.23	12.78	19.00	110.00
S7MOMAGE	6474	77.72	12.71	16.00	106.00

How Constructed

RwMOMAGE is the respondent’s mother’s current age in years if the mother is still alive or the respondent’s mother’s age at death if the mother has died. Don’t know, refused, or other missing responses to RwMOMAGE are assigned special missing codes .d, .r, .m, respectively. RwMOMAGE is set to plain missing (.) for respondents who did not respond to the current wave.

SwMOMAGE is the current wave’s spouse’s mother’s current age or age at death. It is taken from the spouse's RwMOMAGE. In addition to special missing codes used in RwMOMAGE, SwMOMAGE uses additional missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, an ELSA household can include a child who is a respondent and a parent who is a

respondent in the same household, as such, mother's current age can be reported by the mother herself, by the household respondent in the household demographics module, or by the respondent.

ELSA Variables Used

```
Wave 1 Ifs Derived:
    MAGEDIED       mother's age when she died
    MOTHAGE        mother's age if still alive
Wave 2 Ifs Derived:
    MAGEDIED       mother's age when she died
    MOTHAGE        mother's age if still alive
Wave 3 Ifs Derived:
    MAGEDIED       mother's age when she died
    MOTHAGE        mother's age if still alive
Wave 4 Ifs Derived:
    MAGEDIED       mother's age when she died
    MOTHAGE        mother's age if still alive
Wave 5 Ifs Derived:
    MAGEDIED       mother's age when she died
    MOTHAGE        mother's age if still alive
Wave 6 Ifs Derived:
    MAGEDIED       mother's age when she died
    MOTHAGE        mother's age if still alive
Wave 7 Ifs Derived:
    MAGEDIED       mother's age when she died
    MOTHAGE        mother's age if still alive
```

Parental Mortality: Father's Current Age or Age at Death

Wave	Variable	Label	Type
1	R1DADAGE	r1dadage:w1 r father age current/at death	Cont
2	R2DADAGE	r2dadage:w2 r father age current/at death	Cont
3	R3DADAGE	r3dadage:w3 r father age current/at death	Cont
4	R4DADAGE	r4dadage:w4 r father age current/at death	Cont
5	R5DADAGE	r5dadage:w5 r father age current/at death	Cont
6	R6DADAGE	r6dadage:w6 r father age current/at death	Cont
7	R7DADAGE	r7dadage:w7 r father age current/at death	Cont
1	S1DADAGE	s1dadage:w1 s father age current/at death	Cont
2	S2DADAGE	s2dadage:w2 s father age current/at death	Cont
3	S3DADAGE	s3dadage:w3 s father age current/at death	Cont
4	S4DADAGE	s4dadage:w4 s father age current/at death	Cont
5	S5DADAGE	s5dadage:w5 s father age current/at death	Cont
6	S6DADAGE	s6dadage:w6 s father age current/at death	Cont
7	S7DADAGE	s7dadage:w7 s father age current/at death	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DADAGE	11555	70.69	13.34	18.00	105.00
R2DADAGE	9131	71.05	13.50	18.00	105.00
R3DADAGE	9448	71.33	13.28	16.00	105.00
R4DADAGE	10650	71.75	13.29	16.00	105.00
R5DADAGE	9907	71.92	13.57	16.00	110.00
R6DADAGE	10206	72.29	13.45	20.00	110.00
R7DADAGE	9374	72.65	13.42	19.00	105.00
S1DADAGE	7753	70.96	13.01	18.00	105.00
S2DADAGE	6004	71.29	13.14	21.00	105.00
S3DADAGE	6203	71.66	12.93	16.00	105.00
S4DADAGE	7151	72.12	12.97	16.00	105.00
S5DADAGE	6732	72.21	13.28	16.00	105.00
S6DADAGE	6988	72.62	13.17	20.00	105.00
S7DADAGE	6374	73.16	13.09	20.00	105.00

How Constructed

RwDADAGE is the respondent’s father’s current age in years if the father is still alive or the respondent’s father’s age at death if the father has died. Don’t know, refused, or other missing responses to RwDADAGE are assigned special missing codes .d, .r, .m, respectively. RwDADAGE is set to plain missing (.) for respondents who did not respond to the current wave.

SwDADAGE is the current wave’s spouse’s father’s current age or age at death. It is taken from the spouse's RwDADAGE. In addition to special missing codes used in RwDADAGE, SwDADAGE uses additional missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, an ELSA household can include a child who is a respondent and a parent who is a

respondent in the same household, as such, mother's current age can be reported by the mother herself, by the household respondent in the household demographics module, or by the respondent.

ELSA Variables Used

```
Wave 1 Ifs Derived:
    FAGEDIED       father's age when she died
    FATHAGE        father's age if still alive
Wave 2 Ifs Derived:
    FAGEDIED       father's age when she died
    FATHAGE        father's age if still alive
Wave 3 Ifs Derived:
    FAGEDIED       father's age when she died
    FATHAGE        father's age if still alive
Wave 4 Ifs Derived:
    FAGEDIED       father's age when she died
    FATHAGE        father's age if still alive
Wave 5 Ifs Derived:
    FAGEDIED       father's age when she died
    FATHAGE        father's age if still alive
Wave 6 Ifs Derived:
    FAGEDIED       father's age when she died
    FATHAGE        father's age if still alive
Wave 7 Ifs Derived:
    FAGEDIED       father's age when she died
    FATHAGE        father's age if still alive
```

Any Child Co-Resides with Respondent

Wave	Variable	Label	Type
1	H1CORESD	h1coresd:w1 Any Child co-reside	Categ
2	H2CORESD	h2coresd:w2 Any Child co-reside	Categ
3	H3CORESD	h3coresd:w3 Any Child co-reside	Categ
4	H4CORESD	h4coresd:w4 Any Child co-reside	Categ
5	H5CORESD	h5coresd:w5 Any Child co-reside	Categ
6	H6CORESD	h6coresd:w6 Any Child co-reside	Categ
7	H7CORESD	h7coresd:w7 Any Child co-reside	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1CORESD	10562	0.26	0.44	0.00	1.00
H2CORESD	8039	0.23	0.42	0.00	1.00
H3CORESD	8418	0.28	0.45	0.00	1.00
H4CORESD	9418	0.29	0.45	0.00	1.00
H5CORESD	8745	0.26	0.44	0.00	1.00
H6CORESD	9037	0.27	0.45	0.00	1.00
H7CORESD	8186	0.27	0.44	0.00	1.00

Categorical Variable Codes

Value	H1CORESD	H2CORESD	H3CORESD	H4CORESD	H5CORESD	H6CORESD	H7CORESD
.k:No kid	1537	1393	1353	1632	1529	1564	1480
0.no	7838	6211	6044	6686	6501	6557	5973
1.yes	2724	1828	2374	2732	2244	2480	2213

How Constructed

HwCORESD indicates whether any child is co-residing with the respondent and his/her spouse or partner.

ELSA first asks the household respondent to identify all household members, which can include biological children, adopted children, foster children, and step-children. HwCORESD is coded as yes, 1, if the respondent reported that any child co-resides with respondent or spouse. Otherwise, HwCORESD is coded as no, 0. Special missing code (.k) is assigned if the respondent reports not having any living children. HwCORESD is set to blank missing (.) if the respondent did not participate in the current wave.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

This variable is not available in RAND HRS but available in RAND Family data.

ELSA Variables Used

Wave 1 Core:

DHC	children grid: child number within these parents (first
DHC10	children grid: child number within these parents(first c
DHC11	children grid: child number within these parents(first c
DHC12	children grid: child number within these parents(first c
DHC13	children grid: child number within these parents(first c
DHC2	children grid: child number within these parents(first c
DHC3	children grid: child number within these parents(first c

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    DHC4           children grid: child number within these parents(first c
    DHC5           children grid: child number within these parents(first c
    DHC6           children grid: child number within these parents(first c
    DHC7           children grid: child number within these parents(first c
    DHC8           children grid: child number within these parents(first c
    DHC9           children grid: child number within these parents(first c
    DHR            what is [your/member of household~s] relationship to [pe
    DHR10          what is [your/member of household~s] relationship to [pe
    DHR11          what is [your/member of household~s] relationship to [pe
    DHR12          what is [your/member of household~s] relationship to [pe
    DHR2           what is [your/member of household~s] relationship to [pe
    DHR3           what is [your/member of household~s] relationship to [pe
    DHR4           what is [your/member of household~s] relationship to [pe
    DHR5           what is [your/member of household~s] relationship to [pe
    DHR6           what is [your/member of household~s] relationship to [pe
    DHR7           what is [your/member of household~s] relationship to [pe
    DHR8           what is [your/member of household~s] relationship to [pe
    DHR9           what is [your/member of household~s] relationship to [pe
Wave 2 Core:
    DHC            children's grid: child number within these parents (firs
    DHC10          children's grid: child number within these parents (firs
    DHC11          children's grid: child number within these parents (firs
    DHC12          children's grid: child number within these parents (firs
    DHC13          children's grid: child number within these parents (firs
    DHC14          children's grid: child number within these parents (firs
    DHC2           children's grid: child number within these parents (firs
    DHC3           children's grid: child number within these parents (firs
    DHC4           children's grid: child number within these parents (firs
    DHC5           children's grid: child number within these parents (firs
    DHC6           children's grid: child number within these parents (firs
    DHC7           children's grid: child number within these parents (firs
    DHC8           children's grid: child number within these parents (firs
    DHC9           children's grid: child number within these parents (firs
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
Wave 3 Core:
    DHC            children grid: child number within these parents (first
    DHC10          children grid: child number within these parents (first
    DHC11          children grid: child number within these parents (first
    DHC12          children grid: child number within these parents (first
    DHC13          children grid: child number within these parents (first
    DHC14          children grid: child number within these parents (first
    DHC15          children grid: child number within these parents (first
    DHC2           children grid: child number within these parents (first
    DHC3           children grid: child number within these parents (first
    DHC4           children grid: child number within these parents (first
    DHC5           children grid: child number within these parents (first
    DHC6           children grid: child number within these parents (first
    DHC7           children grid: child number within these parents (first
    DHC8           children grid: child number within these parents (first
    DHC9           children grid: child number within these parents (first
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
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    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
Wave 4 Core:
    DHC            children grid: child number within these parents (first
    DHC10          children grid: child number within these parents (first
    DHC11          children grid: child number within these parents (first
    DHC12          children grid: child number within these parents (first
    DHC13          children grid: child number within these parents (first
    DHC14          children grid: child number within these parents (first
    DHC15          children grid: child number within these parents (first
    DHC16          children grid: child number within these parents (first
    DHC2           children grid: child number within these parents (first
    DHC3           children grid: child number within these parents (first
    DHC4           children grid: child number within these parents (first
    DHC5           children grid: child number within these parents (first
    DHC6           children grid: child number within these parents (first
    DHC7           children grid: child number within these parents (first
    DHC8           children grid: child number within these parents (first
    DHC9           children grid: child number within these parents (first
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
Wave 5 Core:
    DHC            children grid: child number within these parents (first
    DHC10          children grid: child number within these parents (first
    DHC11          children grid: child number within these parents (first
    DHC12          children grid: child number within these parents (first
    DHC13          children grid: child number within these parents (first
    DHC14          children grid: child number within these parents (first
    DHC15          children grid: child number within these parents (first
    DHC16          children grid: child number within these parents (first
    DHC2           children grid: child number within these parents (first
    DHC3           children grid: child number within these parents (first
    DHC4           children grid: child number within these parents (first
    DHC5           children grid: child number within these parents (first
    DHC6           children grid: child number within these parents (first
    DHC7           children grid: child number within these parents (first
    DHC8           children grid: child number within these parents (first
    DHC9           children grid: child number within these parents (first
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
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    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
Wave 6 Core:
    DHC            children grid: child number within these parents (first
    DHC10          children grid: child number within these parents (first
    DHC11          children grid: child number within these parents (first
    DHC12          children grid: child number within these parents (first
    DHC13          children grid: child number within these parents (first
    DHC14          children grid: child number within these parents (first
    DHC15          children grid: child number within these parents (first
    DHC16          children grid: child number within these parents (first
    DHC2           children grid: child number within these parents (first
    DHC3           children grid: child number within these parents (first
    DHC4           children grid: child number within these parents (first
    DHC5           children grid: child number within these parents (first
    DHC6           children grid: child number within these parents (first
    DHC7           children grid: child number within these parents (first
    DHC8           children grid: child number within these parents (first
    DHC9           children grid: child number within these parents (first
    DHR            relationship of this person to person 1 in the household
    DHR10          relationship of this person to person 10 in the househol
    DHR11          relationship of this person to person 11 in the househol
    DHR12          relationship of this person to person 12 in the househol
    DHR13          relationship of this person to person 13 in the househol
    DHR14          relationship of this person to person 14 in the househol
    DHR15          relationship of this person to person 15 in the househol
    DHR16          relationship of this person to person 16 in the househol
    DHR2           relationship of this person to person 2 in the household
    DHR3           relationship of this person to person 3 in the household
    DHR4           relationship of this person to person 4 in the household
    DHR5           relationship of this person to person 5 in the household
    DHR6           relationship of this person to person 6 in the household
    DHR7           relationship of this person to person 7 in the household
    DHR8           relationship of this person to person 8 in the household
    DHR9           relationship of this person to person 9 in the household
Wave 7 Core:
    DHC            children grid: child number within these parents (first
    DHC10          children grid: child number within these parents (first
    DHC11          children grid: child number within these parents (first
    DHC12          children grid: child number within these parents (first
    DHC13          children grid: child number within these parents (first
    DHC14          children grid: child number within these parents (first
    DHC15          children grid: child number within these parents (first
    DHC16          children grid: child number within these parents (first
    DHC2           children grid: child number within these parents (first
    DHC3           children grid: child number within these parents (first
    DHC4           children grid: child number within these parents (first
    DHC5           children grid: child number within these parents (first
    DHC6           children grid: child number within these parents (first
    DHC7           children grid: child number within these parents (first
    DHC8           children grid: child number within these parents (first
    DHC9           children grid: child number within these parents (first
```

DHR	relationship of this person to person 1 in the household
DHR10	relationship of this person to person 10 in the househol
DHR11	relationship of this person to person 11 in the househol
DHR12	relationship of this person to person 12 in the househol
DHR13	relationship of this person to person 13 in the househol
DHR14	relationship of this person to person 14 in the househol
DHR15	relationship of this person to person 15 in the househol
DHR16	relationship of this person to person 16 in the househol
DHR2	relationship of this person to person 2 in the household
DHR3	relationship of this person to person 3 in the household
DHR4	relationship of this person to person 4 in the household
DHR5	relationship of this person to person 5 in the household
DHR6	relationship of this person to person 6 in the household
DHR7	relationship of this person to person 7 in the household
DHR8	relationship of this person to person 8 in the household
DHR9	relationship of this person to person 9 in the household

Any Weekly Contact with Children in Person, by Phone, Mail or E-mail

Wave	Variable	Label	Type
1	R1KCNTF	r1kcntf:w1 r any weekly contact w/ children in person	Categ
2	R2KCNTF	r2kcntf:w2 r any weekly contact w/ children in person	Categ
3	R3KCNTF	r3kcntf:w3 r any weekly contact w/ children in person	Categ
4	R4KCNTF	r4kcntf:w4 r any weekly contact w/ children in person	Categ
5	R5KCNTF	r5kcntf:w5 r any weekly contact w/ children in person	Categ
6	R6KCNTF	r6kcntf:w6 r any weekly contact w/ children in person	Categ
7	R7KCNTF	r7kcntf:w7 r any weekly contact w/ children in person	Categ
1	S1KCNTF	s1kcntf:w1 s any weekly contact w/ children in person	Categ
2	S2KCNTF	s2kcntf:w2 s any weekly contact w/ children in person	Categ
3	S3KCNTF	s3kcntf:w3 s any weekly contact w/ children in person	Categ
4	S4KCNTF	s4kcntf:w4 s any weekly contact w/ children in person	Categ
5	S5KCNTF	s5kcntf:w5 s any weekly contact w/ children in person	Categ
6	S6KCNTF	s6kcntf:w6 s any weekly contact w/ children in person	Categ
7	S7KCNTF	s7kcntf:w7 s any weekly contact w/ children in person	Categ
1	R1KCNTPM	r1kcntpm:w1 r any weekly contact w/ children-phone/email	Categ
2	R2KCNTPM	r2kcntpm:w2 r any weekly contact w/ children-phone/email	Categ
3	R3KCNTPM	r3kcntpm:w3 r any weekly contact w/ children-phone/email	Categ
4	R4KCNTPM	r4kcntpm:w4 r any weekly contact w/ children-phone/email	Categ
5	R5KCNTPM	r5kcntpm:w5 r any weekly contact w/ children-phone/email	Categ
6	R6KCNTPM	r6kcntpm:w6 r any weekly contact w/ children-phone/email	Categ
7	R7KCNTPM	r7kcntpm:w7 r any weekly contact w/ children-phone/email	Categ
1	S1KCNTPM	s1kcntpm:w1 s any weekly contact w/ children-phone/email	Categ
2	S2KCNTPM	s2kcntpm:w2 s any weekly contact w/ children-phone/email	Categ
3	S3KCNTPM	s3kcntpm:w3 s any weekly contact w/ children-phone/email	Categ
4	S4KCNTPM	s4kcntpm:w4 s any weekly contact w/ children-phone/email	Categ
5	S5KCNTPM	s5kcntpm:w5 s any weekly contact w/ children-phone/email	Categ
6	S6KCNTPM	s6kcntpm:w6 s any weekly contact w/ children-phone/email	Categ
7	S7KCNTPM	s7kcntpm:w7 s any weekly contact w/ children-phone/email	Categ
1	R1KCNT	r1kcnt:w1 r any weekly contact w/ children in person/phone/e	Categ
2	R2KCNT	r2kcnt:w2 r any weekly contact w/ children in person/phone/e	Categ
3	R3KCNT	r3kcnt:w3 r any weekly contact w/ children in person/phone/e	Categ
4	R4KCNT	r4kcnt:w4 r any weekly contact w/ children in person/phone/e	Categ
5	R5KCNT	r5kcnt:w5 r any weekly contact w/ children in person/phone/e	Categ
6	R6KCNT	r6kcnt:w6 r any weekly contact w/ children in person/phone/e	Categ
7	R7KCNT	r7kcnt:w7 r any weekly contact w/ children in person/phone/e	Categ
1	S1KCNT	s1kcnt:w1 s any weekly contact w/ children in person/phone/e	Categ
2	S2KCNT	s2kcnt:w2 s any weekly contact w/ children in person/phone/e	Categ
3	S3KCNT	s3kcnt:w3 s any weekly contact w/ children in person/phone/e	Categ
4	S4KCNT	s4kcnt:w4 s any weekly contact w/ children in person/phone/e	Categ
5	S5KCNT	s5kcnt:w5 s any weekly contact w/ children in person/phone/e	Categ
6	S6KCNT	s6kcnt:w6 s any weekly contact w/ children in person/phone/e	Categ
7	S7KCNT	s7kcnt:w7 s any weekly contact w/ children in person/phone/e	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1KCNTF	9497	0.72	0.45	0.00	1.00
R2KCNTF	7269	0.68	0.47	0.00	1.00
R3KCNTF	7453	0.71	0.45	0.00	1.00
R4KCNTF	8404	0.70	0.46	0.00	1.00
R5KCNTF	7943	0.68	0.47	0.00	1.00

R6KCNTF	8047	0.69	0.46	0.00	1.00
R7KCNTF	7382	0.40	0.49	0.00	1.00
S1KCNTF	6808	0.72	0.45	0.00	1.00
S2KCNTF	5165	0.68	0.47	0.00	1.00
S3KCNTF	5280	0.71	0.45	0.00	1.00
S4KCNTF	6086	0.70	0.46	0.00	1.00
S5KCNTF	5697	0.68	0.47	0.00	1.00
S6KCNTF	5835	0.69	0.46	0.00	1.00
S7KCNTF	5301	0.41	0.49	0.00	1.00
R1KCNTPM	8709	0.87	0.33	0.00	1.00
R2KCNTPM	6767	0.87	0.33	0.00	1.00
R3KCNTPM	6580	0.87	0.34	0.00	1.00
R4KCNTPM	7492	0.86	0.34	0.00	1.00
R5KCNTPM	7327	0.86	0.35	0.00	1.00
R6KCNTPM	7263	0.83	0.37	0.00	1.00
R7KCNTPM	6607	0.85	0.36	0.00	1.00
S1KCNTPM	6210	0.88	0.33	0.00	1.00
S2KCNTPM	4819	0.88	0.33	0.00	1.00
S3KCNTPM	4650	0.87	0.34	0.00	1.00
S4KCNTPM	5439	0.87	0.33	0.00	1.00
S5KCNTPM	5235	0.86	0.35	0.00	1.00
S6KCNTPM	5229	0.83	0.37	0.00	1.00
S7KCNTPM	4719	0.84	0.36	0.00	1.00
R1KCNT	9627	0.93	0.25	0.00	1.00
R2KCNT	7338	0.93	0.26	0.00	1.00
R3KCNT	7500	0.93	0.26	0.00	1.00
R4KCNT	8449	0.93	0.26	0.00	1.00
R5KCNT	8002	0.91	0.28	0.00	1.00
R6KCNT	8136	0.91	0.29	0.00	1.00
R7KCNT	7422	0.90	0.30	0.00	1.00
S1KCNT	6884	0.94	0.24	0.00	1.00
S2KCNT	5203	0.93	0.26	0.00	1.00
S3KCNT	5307	0.93	0.25	0.00	1.00
S4KCNT	6114	0.93	0.25	0.00	1.00
S5KCNT	5734	0.92	0.27	0.00	1.00
S6KCNT	5878	0.91	0.28	0.00	1.00
S7KCNT	5325	0.90	0.30	0.00	1.00

Categorical Variable Codes

Value	R1KCNTF	R2KCNTF	R3KCNTF	R4KCNTF	R5KCNTF	R6KCNTF	R7KCNTF
.c:no self-completion inter	847	858	1069	1235	911	1150	1045
.k:No Kid	1434	1020	1082	1243	1207	1239	1138
.m:Missing	129	164	81	83	93	27	38
.r:Refuse	192	121	86	85	120	138	63
0.no	2673	2305	2170	2480	2525	2489	4447
1.yes	6824	4964	5283	5924	5418	5558	2935

Value	S1KCNTF	S2KCNTF	S3KCNTF	S4KCNTF	S5KCNTF	S6KCNTF	S7KCNTF
.c:no self-completion inter	396	353	482	594	523	675	594
.k:No Kid	674	486	539	626	606	654	605
.m:Missing	78	114	42	52	72	10	23
.r:Refuse	114	60	43	44	66	68	37
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	1918	1652	1538	1813	1840	1832	3112
1.yes	4890	3513	3742	4273	3857	4003	2189

Value	R1KCNTPM	R2KCNTPM	R3KCNTPM	R4KCNTPM	R5KCNTPM	R6KCNTPM	R7KCNTPM

.c:no self-completion inter	1113	1078	1534	1738	1244	1605	1469
.h:all kids in house	3	18	2	4	6	3	7
.k:No Kid	1454	1034	1091	1258	1224	1259	1158
.m:Missing	139	165	84	96	102	30	45
.r:Refuse	681	370	480	462	371	441	380
0.no	1093	868	888	1013	1061	1203	1020
1.yes	7616	5899	5692	6479	6266	6060	5587

Value	S1KCNTPM	S2KCNTPM	S3KCNTPM	S4KCNTPM	S5KCNTPM	S6KCNTPM	S7KCNTPM
.c:no self-completion inter	533	457	771	904	751	999	902
.h:all kids in house	3	15	2	1	4	2	4
.k:No Kid	687	496	547	640	618	670	622
.m:Missing	86	114	45	64	78	10	29
.r:Refuse	551	277	371	354	278	332	284
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	748	596	615	699	759	878	745
1.yes	5462	4223	4035	4740	4476	4351	3974

Value	R1KCNT	R2KCNT	R3KCNT	R4KCNT	R5KCNT	R6KCNT	R7KCNT
.c:no self-completion inter	847	858	1069	1235	911	1150	1045
.k:No Kid	1434	1020	1082	1243	1207	1239	1138
.m:Missing	129	164	81	83	93	27	38
.r:Refuse	62	52	39	40	61	49	23
0.no	656	549	534	611	684	733	717
1.yes	8971	6789	6966	7838	7318	7403	6705

Value	S1KCNT	S2KCNT	S3KCNT	S4KCNT	S5KCNT	S6KCNT	S7KCNT
.c:no self-completion inter	396	353	482	594	523	675	594
.k:No Kid	674	486	539	626	606	654	605
.m:Missing	78	114	42	52	72	10	23
.r:Refuse	38	22	16	16	29	25	13
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	429	365	351	416	471	519	526
1.yes	6455	4838	4956	5698	5263	5359	4799

How Constructed

A series of self-completion questions about the respondent's and spouse’s contact with their children are asked to the respondent. For non-co-residing children, respondents are asked about in-person contact and contact by phone, mail, or e-mail. Respondents can report contact using the following categories: three or more times a week, once or twice a week, once or twice a month, every few months, once or twice a year, or less than once a year or never. Weekly contact is defined as the respondent contacting their children at least once a week.

RwKCNTF indicates whether respondent has any frequent (i.e., at least weekly) contact with any of their children in person at the individual level. A code of 1 is used if the respondent reports any in-person-contact either three or more times a week or once to twice a week. A code of 1 is also used if the respondent reported co-residing with any child. A code of 0 is used if the respondent did not report any weekly in-person contact. If the respondent and spouse don’t have any children, a special missing value .k is assigned. If the respondent is not considered part of the self-completion sample, a special missing value .c is assigned. Don’t know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwKCNTF is set to blank missing (.) if the respondent did not participate in the current wave.

RwKCNTPM indicates whether respondent has any frequent (i.e., at least weekly) contact with any of their children by phone, mail or e-mail at the individual level. A code of 1 is used if the respondent reports contact by phone, mail or e-mail either three or more times a week or once to twice a week. A code of 0 is used if the respondent did not report any weekly contact by phone, mail, or e-mail. If the respondent and spouse don’t have any children, a special missing value .k is assigned. If the respondent and spouse do have children but all children co-reside with the respondent and spouse, then special missing value .h is used. If the respondent is not considered part of the self-completion sample, a special missing value .c is assigned. Don’t know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwKCNTPM is set to blank missing (.) if the respondent did not participate in the current wave.

RwKCNT indicates whether respondent has any frequent (i.e., at least weekly) contact with any of their children either in person or by phone, mail or e-mail at the individual level. RwKCNT is derived using RwKCNTF and RwKCNTPM. A code of 1 is used if the respondent reports any weekly contact either in person or by phone, mail or e-mail. A code of 0 is used if the respondent did not report any weekly contact. If the respondent and spouse don't have any children, a special missing value .k is assigned. If the respondent is not considered part of the self-completion sample, a special missing value .c is assigned. Don't know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwKCNT is set to blank missing (.) if the respondent did not participate in the current wave.

SwKCNTF, SwKCNTPM and SwKCNT give the information for the respondent's spouse or partner and are taken directly from the respondent's spouse's values to RwKCNTF, RwKCNTPM and RwKCNT. In addition to the special missing codes used in RwKCNTF, RwKCNTPM and RwKCNT, SwKCNTF, SwKCNTPM and SwKCNT employ two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

These variables are not available in the RAND HRS, but users can construct an identical variable from the HRS.

ELSA Variables Used

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Wave 1 Core:
    SCCHD          do you have any children
    SCCHDG         on average how often do you meet up with your children
    SCCHDH         on average how often do you speak on the phone to your
    SCCHDI         on average how often do you write or email your children
Wave 2 Core:
    SCCHD          whether the respondent has any children
    SCCHDG         how often the respondent meets up with their children on
    SCCHDH         how often the respondent speaks on the phone to their ch
    SCCHDI         how often the respondent writes to or emails their child
Wave 3 Core:
    SCCHD          whether the respondent has any children
    SCCHDG         how often the respondent meets up with their children on
    SCCHDH         how often the respondent speaks on the phone to their ch
    SCCHDI         how often the respondent writes to or emails their child
Wave 4 Core:
    SCCHD          whether the respondent has any children
    SCCHDG         how often the respondent meets up with their children on
    SCCHDH         how often the respondent speaks on the phone to their ch
    SCCHDI         how often the respondent writes to or emails their child
Wave 5 Core:
    SCCHD          whether the respondent has any children
    SCCHDG         how often the respondent meets up with their children on
    SCCHDH         how often the respondent speaks on the phone to their ch
    SCCHDI         how often the respondent writes to or emails their child
Wave 6 Core:
    SCCHD          whether the respondent has any children
    SCCHDG         how often the respondent meets up with their children on
    SCCHDH         how often the respondent speaks on the phone to their ch
    SCCHDI         how often the respondent writes to or emails their child
Wave 7 Core:
    SCCHD          whether the respondent has any children
    SCCHDG         how often the children make demands on the respondent
    SCCHDH         how often the respondent meets up with their children on
    SCCHDI         how often the respondent speaks on the phone to their ch
```

Any Weekly Contact with Relatives in Person, by Phone, Mail or E-mail

Wave	Variable	Label	Type
1	R1RCNTF	r1rcntf:w1 r any weekly contact w/ relative in person	Categ
2	R2RCNTF	r2rcntf:w2 r any weekly contact w/ relative in person	Categ
3	R3RCNTF	r3rcntf:w3 r any weekly contact w/ relative in person	Categ
4	R4RCNTF	r4rcntf:w4 r any weekly contact w/ relative in person	Categ
5	R5RCNTF	r5rcntf:w5 r any weekly contact w/ relative in person	Categ
6	R6RCNTF	r6rcntf:w6 r any weekly contact w/ relative in person	Categ
7	R7RCNTF	r7rcntf:w7 r any weekly contact w/ relative in person	Categ
1	S1RCNTF	s1rcntf:w1 s any weekly contact w/ relative in person	Categ
2	S2RCNTF	s2rcntf:w2 s any weekly contact w/ relative in person	Categ
3	S3RCNTF	s3rcntf:w3 s any weekly contact w/ relative in person	Categ
4	S4RCNTF	s4rcntf:w4 s any weekly contact w/ relative in person	Categ
5	S5RCNTF	s5rcntf:w5 s any weekly contact w/ relative in person	Categ
6	S6RCNTF	s6rcntf:w6 s any weekly contact w/ relative in person	Categ
7	S7RCNTF	s7rcntf:w7 s any weekly contact w/ relative in person	Categ
2	R2RCNTPM	r2rcntpm:w2 r any weekly contact w/ relative-phone/email	Categ
3	R3RCNTPM	r3rcntpm:w3 r any weekly contact w/ relative-phone/email	Categ
5	R5RCNTPM	r5rcntpm:w5 r any weekly contact w/ relative-phone/email	Categ
6	R6RCNTPM	r6rcntpm:w6 r any weekly contact w/ relative-phone/email	Categ
7	R7RCNTPM	r7rcntpm:w7 r any weekly contact w/ relative-phone/email	Categ
2	S2RCNTPM	s2rcntpm:w2 s any weekly contact w/ relative-phone/email	Categ
3	S3RCNTPM	s3rcntpm:w3 s any weekly contact w/ relative-phone/email	Categ
5	S5RCNTPM	s5rcntpm:w5 s any weekly contact w/ relative-phone/email	Categ
6	S6RCNTPM	s6rcntpm:w6 s any weekly contact w/ relative-phone/email	Categ
7	S7RCNTPM	s7rcntpm:w7 s any weekly contact w/ relative-phone/email	Categ
1	R1RCNTM	r1rcntm:w1 r any weekly contact w/ relative email	Categ
4	R4RCNTM	r4rcntm:w4 r any weekly contact w/ relative email	Categ
1	S1RCNTM	s1rcntm:w1 s any weekly contact w/ relative email	Categ
4	S4RCNTM	s4rcntm:w4 s any weekly contact w/ relative email	Categ
2	R2RCNT	r2rcnt:w2 r any weekly contact w/ relative in person/phone/e	Categ
3	R3RCNT	r3rcnt:w3 r any weekly contact w/ relative in person/phone/e	Categ
5	R5RCNT	r5rcnt:w5 r any weekly contact w/ relative in person/phone/e	Categ
6	R6RCNT	r6rcnt:w6 r any weekly contact w/ relative in person/phone/e	Categ
7	R7RCNT	r7rcnt:w7 r any weekly contact w/ relative in person/phone/e	Categ
2	S2RCNT	s2rcnt:w2 s any weekly contact w/ relative in person/phone/e	Categ
3	S3RCNT	s3rcnt:w3 s any weekly contact w/ relative in person/phone/e	Categ
5	S5RCNT	s5rcnt:w5 s any weekly contact w/ relative in person/phone/e	Categ
6	S6RCNT	s6rcnt:w6 s any weekly contact w/ relative in person/phone/e	Categ
7	S7RCNT	s7rcnt:w7 s any weekly contact w/ relative in person/phone/e	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RCNTF	9605	0.39	0.49	0.00	1.00
R2RCNTF	7500	0.37	0.48	0.00	1.00
R3RCNTF	7487	0.36	0.48	0.00	1.00
R4RCNTF	8526	0.37	0.48	0.00	1.00
R5RCNTF	8244	0.36	0.48	0.00	1.00
R6RCNTF	8295	0.37	0.48	0.00	1.00
R7RCNTF	7555	0.15	0.36	0.00	1.00

S1RCNTF	6627	0.37	0.48	0.00	1.00
S2RCNTF	5200	0.35	0.48	0.00	1.00
S3RCNTF	5153	0.35	0.48	0.00	1.00
S4RCNTF	5990	0.35	0.48	0.00	1.00
S5RCNTF	5725	0.34	0.47	0.00	1.00
S6RCNTF	5813	0.34	0.47	0.00	1.00
S7RCNTF	5246	0.14	0.34	0.00	1.00
R2RCNTPM	7490	0.53	0.50	0.00	1.00
R3RCNTPM	7398	0.53	0.50	0.00	1.00
R5RCNTPM	8159	0.52	0.50	0.00	1.00
R6RCNTPM	8171	0.51	0.50	0.00	1.00
R7RCNTPM	7454	0.54	0.50	0.00	1.00
S2RCNTPM	5222	0.52	0.50	0.00	1.00
S3RCNTPM	5129	0.52	0.50	0.00	1.00
S5RCNTPM	5668	0.51	0.50	0.00	1.00
S6RCNTPM	5754	0.50	0.50	0.00	1.00
S7RCNTPM	5207	0.52	0.50	0.00	1.00
R1RCNTM	7672	0.04	0.20	0.00	1.00
R4RCNTM	7674	0.09	0.29	0.00	1.00
S1RCNTM	5335	0.04	0.20	0.00	1.00
S4RCNTM	5441	0.10	0.30	0.00	1.00
R2RCNT	7638	0.60	0.49	0.00	1.00
R3RCNT	7561	0.60	0.49	0.00	1.00
R5RCNT	8316	0.60	0.49	0.00	1.00
R6RCNT	8397	0.59	0.49	0.00	1.00
R7RCNT	7639	0.59	0.49	0.00	1.00
S2RCNT	5282	0.58	0.49	0.00	1.00
S3RCNT	5201	0.58	0.49	0.00	1.00
S5RCNT	5765	0.58	0.49	0.00	1.00
S6RCNT	5864	0.58	0.49	0.00	1.00
S7RCNT	5298	0.57	0.50	0.00	1.00

Categorical Variable Codes

Value	R1RCNTF	R2RCNTF	R3RCNTF	R4RCNTF	R5RCNTF	R6RCNTF	R7RCNTF
.c:no self-completion inter	1041	1008	1442	1608	1152	1476	1356
.m:Missing	330	95	97	87	113	42	45
.n:Not Applied	832	592	587	651	615	597	565
.r:Refuse	291	237	158	178	150	191	145
0.no	5901	4724	4777	5365	5276	5238	6419
1.yes	3704	2776	2710	3161	2968	3057	1136

Value	S1RCNTF	S2RCNTF	S3RCNTF	S4RCNTF	S5RCNTF	S6RCNTF	S7RCNTF
.c:no self-completion inter	513	434	735	840	698	935	855
.m:Missing	235	63	55	55	81	23	32
.n:Not Applied	508	341	342	415	372	367	343
.r:Refuse	187	140	101	102	88	104	84
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	4181	3378	3370	3874	3775	3822	4525
1.yes	2446	1822	1783	2116	1950	1991	721

Value		R2RCNTPM	R3RCNTPM		R5RCNTPM	R6RCNTPM	R7RCNTPM
.c:no self-completion inter		1078	1534		1244	1605	1469
.m:Missing		102	100		116	47	47
.n:Not Applied		611	598		632	625	584
.r:Refuse		151	141		123	153	112
0.no		3516	3464		3903	3974	3414

1.yes	3974	3934	4256	4197	4040

Value	S2RCNTPM	S3RCNTPM	S5RCNTPM	S6RCNTPM	S7RCNTPM
.c:no self-completion inter	457	771	751	999	902
.m:Missing	65	58	83	23	34
.n:Not Applied	350	347	384	380	348
.r:Refuse	84	81	78	86	69
.u:Unmar	2671	2708	2742	2802	2548
.v:SP NR	583	677	568	557	558
0.no	2528	2452	2804	2874	2479
1.yes	2694	2677	2864	2880	2728

Value	R1RCNTM	R4RCNTM
.c:no self-completion inter	1113	1737
.m:Missing	342	90
.n:Not Applied	857	667
.r:Refuse	2115	882
0.no	7345	6972
1.yes	327	702

Value	S1RCNTM	S4RCNTM
.c:no self-completion inter	533	904
.m:Missing	243	57
.n:Not Applied	521	426
.r:Refuse	1438	574
.u:Unmar	3561	2932
.v:SP NR	468	716
0.no	5108	4908
1.yes	227	533

Value	R2RCNT	R3RCNT	R5RCNT	R6RCNT	R7RCNT
.c:no self-completion inter	1008	1442	1152	1476	1356
.m:Missing	95	97	113	42	45
.n:Not Applied	592	587	615	597	565
.r:Refuse	99	84	78	89	61
0.no	3083	3055	3360	3403	3109
1.yes	4555	4506	4956	4994	4530

Value	S2RCNT	S3RCNT	S5RCNT	S6RCNT	S7RCNT
.c:no self-completion inter	434	735	698	935	855
.m:Missing	63	55	81	23	32
.n:Not Applied	341	342	372	367	343
.r:Refuse	58	53	48	53	32
.u:Unmar	2671	2708	2742	2802	2548
.v:SP NR	583	677	568	557	558
0.no	2238	2190	2434	2489	2278
1.yes	3044	3011	3331	3375	3020

How Constructed

A series of self-completion questions about the respondent's and spouse’s contact with their relatives are asked to the respondent. For non-co-residing relatives, respondents are asked about in-person contact and contact by phone, mail, or e-mail. Respondents can report contact using the following categories: three or more times a week, once or twice a week, once or twice a month, every few months, once or twice a year, or less than once a year or never. Weekly contact is defined as the respondent contacting their relatives at least once a week.

RwRCNTF indicates whether respondent has any frequent (i.e., at least weekly) contact with any of their relatives in person at the individual level. A code of 1 is used if the respondent reports any in-person contact either three or more times a week or once to twice a week. A code of 1 is also used if the respondent reported co-residing with any relative. A code of 0 is used if the respondent did not report any weekly in-person contact. If the respondent and spouse don’t have any relatives, a special missing value .n is assigned. If the respondent is not considered part of the self-completion sample, a special missing value .c is assigned. Don’t know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwRCNTF is set to blank missing (.) if the respondent did not participate in the current wave.

RwRCNTPM indicates whether respondent has any frequent (i.e., at least weekly) contact with any of their relatives by phone, mail or e-mail at the individual level. A code of 1 is used if the respondent reports contact by phone, mail or e-mail either three or more times a week or once to twice a week. A code of 0 is used if the respondent did not report any weekly contact by phone, mail, or e-mail. If the respondent and spouse don't have any relatives, a special missing value .n is assigned. If the respondent is not considered part of the self-completion sample, a special missing value .c is assigned. Don't know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwRCNTPM is set to blank missing (.) if the respondent did not participate in the current wave.

RwRCNTM indicates whether respondent has any frequent (i.e., at least weekly) contact with any of their relatives by mail or e-mail at the individual level. A code of 1 is used if the respondent reports contact by mail or e-mail either three or more times a week or once to twice a week. A code of 0 is used if the respondent did not report any weekly contact by mail, or e-mail. If the respondent and spouse don't have any relatives, a special missing value .n is assigned. If the respondent is not considered part of the self-completion sample, a special missing value .c is assigned. Don't know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwRCNTM is set to blank missing (.) if the respondent did not participate in the current wave.

RwRCNT indicates whether respondent has any frequent (i.e., at least weekly) contact with any of their relatives either in person or by phone, mail or e-mail at the individual level. RwRCNT is derived using RwRCNTF and RwRCNTPM. A code of 1 is used if the respondent reports any weekly contact either in person or by phone, mail or e-mail. A code of 0 is used if the respondent did not report any weekly contact. If the respondent and spouse don't have any relatives, a special missing value .n is assigned. If the respondent is not considered part of the self-completion sample, a special missing value .c is assigned. Don't know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwRCNT is set to blank missing (.) if the respondent did not participate in the current wave.

SwRCNTF, SwRCNTPM, SwRCNTM and SwRCNT give the information for the respondent's spouse or partner and are taken directly from the respondent's spouse's values to RwRCNTF, RwRCNTPM, RwRCNTM and RwRCNT. In addition to the special missing codes used in RwRCNTF, RwRCNTPM, RwRCNTM and RwRCNT, SwRCNTF, SwRCNTPM, SwRCNTM and SwRCNT employ two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

The question, "On average, how often do you do each of the following with any of these family members, not counting any who live with you, speak on the phone?" is included in every wave's self-completion survey; however, the corresponding variable is missing from the wave 1 and wave 4 core data files. Therefore, due to insufficient components, RwRCNTPM and RwRCNT are not available in wave 1 and wave 4 and RwRCNTM is created only for wave 1 and wave 4 as a supplement for the user who is interested in whether the respondent has frequent contact by mail or with email with his/her relatives.

Differences with the RAND HRS

These variables are not available in the RAND HRS, but users can construct an identical variable from the HRS.

ELSA Variables Used

```
Wave 1 Core:
    SCFAM          do you have any other immediate family
    SCFAMG         on average how often meet up with family members
    SCFAMI         on average how often do you write or email family member
Wave 2 Core:
    SCFAM          whether the respondent has any other immediate family
    SCFAMG         how often the respondent meets up with other relatives
    SCFAMH         how often the respondent speaks with other relatives on
    SCFAMI         how often the respondent writes to or emails other relat
Wave 3 Core:
    SCFAM          whether the respondent has any other immediate family
    SCFAMG         how often the respondent meets up with other relatives
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    SCFAMH          how often the respondent speaks with other relatives on
    SCFAMI          how often the respondent writes to or emails other relat
Wave 4 Core:
    SCFAM           whether the respondent has any other immediate family
    SCFAMG          how often the respondent meets up with other relatives
    SCFAMI          how often the respondent writes to or emails other relat
Wave 5 Core:
    SCFAM           whether the respondent has any other immediate family
    SCFAMG          how often the respondent meets up with other relatives
    SCFAMH          how often the respondent speaks on the phone to other re
    SCFAMI          how often the respondent writes to or emails other relat
Wave 6 Core:
    SCFAM           whether the respondent has any other immediate family
    SCFAMG          how often the respondent meets up with other relatives
    SCFAMH          how often the respondent speaks on phone with other rela
    SCFAMI          how often the respondent writes to or emails other relat
Wave 7 Core:
    SCFAM           whether the respondent has any other immediate family
    SCFAMG          how often other relatives make too many demands on the r
    SCFAMH          how often the respondent meets up with other relatives
    SCFAMI          how often the respondent speaks on the phone to other re
```

Any Weekly Contact with Friends in Person, by Phone, Mail or E-mail

Wave	Variable	Label	Type
1	R1FCNTF	r1fcntf:w1 r any weekly contact w/ friend in person	Categ
2	R2FCNTF	r2fcntf:w2 r any weekly contact w/ friend in person	Categ
3	R3FCNTF	r3fcntf:w3 r any weekly contact w/ friend in person	Categ
4	R4FCNTF	r4fcntf:w4 r any weekly contact w/ friend in person	Categ
5	R5FCNTF	r5fcntf:w5 r any weekly contact w/ friend in person	Categ
6	R6FCNTF	r6fcntf:w6 r any weekly contact w/ friend in person	Categ
7	R7FCNTF	r7fcntf:w7 r any weekly contact w/ friend in person	Categ
1	S1FCNTF	s1fcntf:w1 s any weekly contact w/ friend in person	Categ
2	S2FCNTF	s2fcntf:w2 s any weekly contact w/ friend in person	Categ
3	S3FCNTF	s3fcntf:w3 s any weekly contact w/ friend in person	Categ
4	S4FCNTF	s4fcntf:w4 s any weekly contact w/ friend in person	Categ
5	S5FCNTF	s5fcntf:w5 s any weekly contact w/ friend in person	Categ
6	S6FCNTF	s6fcntf:w6 s any weekly contact w/ friend in person	Categ
7	S7FCNTF	s7fcntf:w7 s any weekly contact w/ friend in person	Categ
1	R1FCNTPM	r1fcntpm:w1 r any weekly contact w/ friend phone/email	Categ
2	R2FCNTPM	r2fcntpm:w2 r any weekly contact w/ friend phone/email	Categ
3	R3FCNTPM	r3fcntpm:w3 r any weekly contact w/ friend phone/email	Categ
4	R4FCNTPM	r4fcntpm:w4 r any weekly contact w/ friend phone/email	Categ
5	R5FCNTPM	r5fcntpm:w5 r any weekly contact w/ friend phone/email	Categ
6	R6FCNTPM	r6fcntpm:w6 r any weekly contact w/ friend phone/email	Categ
7	R7FCNTPM	r7fcntpm:w7 r any weekly contact w/ friend phone/email	Categ
1	S1FCNTPM	s1fcntpm:w1 s any weekly contact w/ friend phone/email	Categ
2	S2FCNTPM	s2fcntpm:w2 s any weekly contact w/ friend phone/email	Categ
3	S3FCNTPM	s3fcntpm:w3 s any weekly contact w/ friend phone/email	Categ
4	S4FCNTPM	s4fcntpm:w4 s any weekly contact w/ friend phone/email	Categ
5	S5FCNTPM	s5fcntpm:w5 s any weekly contact w/ friend phone/email	Categ
6	S6FCNTPM	s6fcntpm:w6 s any weekly contact w/ friend phone/email	Categ
7	S7FCNTPM	s7fcntpm:w7 s any weekly contact w/ friend phone/email	Categ
1	R1FCNT	r1fcnt:w1 r any weekly contact w/ friend in person/phone/ema	Categ
2	R2FCNT	r2fcnt:w2 r any weekly contact w/ friend in person/phone/ema	Categ
3	R3FCNT	r3fcnt:w3 r any weekly contact w/ friend in person/phone/ema	Categ
4	R4FCNT	r4fcnt:w4 r any weekly contact w/ friend in person/phone/ema	Categ
5	R5FCNT	r5fcnt:w5 r any weekly contact w/ friend in person/phone/ema	Categ
6	R6FCNT	r6fcnt:w6 r any weekly contact w/ friend in person/phone/ema	Categ
7	R7FCNT	r7fcnt:w7 r any weekly contact w/ friend in person/phone/ema	Categ
1	S1FCNT	s1fcnt:w1 s any weekly contact w/ friend in person/phone/ema	Categ
2	S2FCNT	s2fcnt:w2 s any weekly contact w/ friend in person/phone/ema	Categ
3	S3FCNT	s3fcnt:w3 s any weekly contact w/ friend in person/phone/ema	Categ
4	S4FCNT	s4fcnt:w4 s any weekly contact w/ friend in person/phone/ema	Categ
5	S5FCNT	s5fcnt:w5 s any weekly contact w/ friend in person/phone/ema	Categ
6	S6FCNT	s6fcnt:w6 s any weekly contact w/ friend in person/phone/ema	Categ
7	S7FCNT	s7fcnt:w7 s any weekly contact w/ friend in person/phone/ema	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1FCNTF	9881	0.60	0.49	0.00	1.00
R2FCNTF	7761	0.57	0.49	0.00	1.00
R3FCNTF	7644	0.57	0.49	0.00	1.00
R4FCNTF	8703	0.57	0.50	0.00	1.00
R5FCNTF	8316	0.57	0.50	0.00	1.00

R6FCNTF	8324	0.55	0.50	0.00	1.00
R7FCNTF	7591	0.08	0.28	0.00	1.00
S1FCNTF	6789	0.55	0.50	0.00	1.00
S2FCNTF	5334	0.52	0.50	0.00	1.00
S3FCNTF	5225	0.52	0.50	0.00	1.00
S4FCNTF	6067	0.52	0.50	0.00	1.00
S5FCNTF	5747	0.52	0.50	0.00	1.00
S6FCNTF	5796	0.50	0.50	0.00	1.00
S7FCNTF	5244	0.07	0.26	0.00	1.00
R1FCNTPM	9792	0.59	0.49	0.00	1.00
R2FCNTPM	7735	0.58	0.49	0.00	1.00
R3FCNTPM	7595	0.59	0.49	0.00	1.00
R4FCNTPM	8647	0.61	0.49	0.00	1.00
R5FCNTPM	8278	0.61	0.49	0.00	1.00
R6FCNTPM	8249	0.58	0.49	0.00	1.00
R7FCNTPM	7544	0.67	0.47	0.00	1.00
S1FCNTPM	6737	0.55	0.50	0.00	1.00
S2FCNTPM	5319	0.53	0.50	0.00	1.00
S3FCNTPM	5199	0.55	0.50	0.00	1.00
S4FCNTPM	6052	0.57	0.50	0.00	1.00
S5FCNTPM	5720	0.56	0.50	0.00	1.00
S6FCNTPM	5745	0.53	0.50	0.00	1.00
S7FCNTPM	5222	0.62	0.49	0.00	1.00
R1FCNT	9998	0.72	0.45	0.00	1.00
R2FCNT	7838	0.71	0.45	0.00	1.00
R3FCNT	7722	0.72	0.45	0.00	1.00
R4FCNT	8762	0.72	0.45	0.00	1.00
R5FCNT	8378	0.72	0.45	0.00	1.00
R6FCNT	8383	0.70	0.46	0.00	1.00
R7FCNT	7645	0.69	0.46	0.00	1.00
S1FCNT	6862	0.68	0.47	0.00	1.00
S2FCNT	5383	0.67	0.47	0.00	1.00
S3FCNT	5272	0.68	0.47	0.00	1.00
S4FCNT	6104	0.68	0.47	0.00	1.00
S5FCNT	5777	0.67	0.47	0.00	1.00
S6FCNT	5821	0.65	0.48	0.00	1.00
S7FCNT	5277	0.64	0.48	0.00	1.00

Categorical Variable Codes

Value	R1FCNTF	R2FCNTF	R3FCNTF	R4FCNTF	R5FCNTF	R6FCNTF	R7FCNTF
.c:no self-completion inter	1080	1049	1499	1691	1212	1552	1425
.m:Missing	367	107	99	81	114	51	71
.n:Not Applied	568	380	396	461	516	554	492
.r:Refuse	203	135	133	114	116	120	87
0.no	3952	3312	3270	3765	3581	3714	6949
1.yes	5929	4449	4374	4938	4735	4610	642

Value	S1FCNTF	S2FCNTF	S3FCNTF	S4FCNTF	S5FCNTF	S6FCNTF	S7FCNTF
.c:no self-completion inter	524	446	757	897	737	974	884
.m:Missing	264	70	66	59	88	25	46
.n:Not Applied	368	241	259	309	332	379	335
.r:Refuse	125	87	79	70	60	68	51
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	3053	2553	2497	2924	2785	2878	4876
1.yes	3736	2781	2728	3143	2962	2918	368

Value	R1FCNTPM	R2FCNTPM	R3FCNTPM	R4FCNTPM	R5FCNTPM	R6FCNTPM	R7FCNTPM

.c:no self-completion inter	1113	1078	1534	1740	1244	1605	1469
.m:Missing	371	108	100	83	116	51	73
.n:Not Applied	574	389	402	471	532	562	504
.r:Refuse	249	122	140	109	104	134	76
0.no	3986	3274	3105	3404	3269	3505	2513
1.yes	5806	4461	4490	5243	5009	4744	5031

Value	S1FCNTPM	S2FCNTPM	S3FCNTPM	S4FCNTPM	S5FCNTPM	S6FCNTPM	S7FCNTPM
.c:no self-completion inter	533	457	771	909	751	999	902
.m:Missing	266	71	66	60	88	25	47
.n:Not Applied	369	248	264	315	344	383	342
.r:Refuse	165	83	86	66	61	90	47
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	3026	2488	2343	2611	2518	2704	1997
1.yes	3711	2831	2856	3441	3202	3041	3225

Value	R1FCNT	R2FCNT	R3FCNT	R4FCNT	R5FCNT	R6FCNT	R7FCNT
.c:no self-completion inter	1080	1049	1499	1691	1212	1552	1425
.m:Missing	367	107	99	81	114	51	71
.n:Not Applied	568	380	396	461	516	554	492
.r:Refuse	86	58	55	55	54	61	33
0.no	2761	2262	2195	2455	2366	2535	2386
1.yes	7237	5576	5527	6307	6012	5848	5259

Value	S1FCNT	S2FCNT	S3FCNT	S4FCNT	S5FCNT	S6FCNT	S7FCNT
.c:no self-completion inter	524	446	757	897	737	974	884
.m:Missing	264	70	66	59	88	25	46
.n:Not Applied	368	241	259	309	332	379	335
.r:Refuse	52	38	32	33	30	43	18
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	2186	1787	1713	1950	1884	2023	1908
1.yes	4676	3596	3559	4154	3893	3798	3369

How Constructed

A series of self-completion questions about the respondent's and spouse’s contact with their friends are asked to the respondent. For non-co-residing friends, respondents are asked about in-person contact and contact by phone, mail, or e-mail. Respondents can report contact using the following categories: three or more times a week, once or twice a week, once or twice a month, every few months, once or twice a year, or less than once a year or never. Weekly contact is defined as the respondent contacting their friends at least once a week.

RwFCNTF indicates whether respondent has any frequent (i.e., at least weekly) contact with any of their friends in person at the individual level. A code of 1 is used if the respondent reports any in-person-contact either three or more times a week or once to twice a week. A code of 1 is also used if the respondent reported co-residing with any friend. A code of 0 is used if the respondent did not report any weekly in-person contact. If the respondent and spouse don’t have any friends, a special missing value .n is assigned. If the respondent is not considered part of the self-completion sample, a special missing value .c is assigned. Don’t know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwFCNTF is set to blank missing (.) if the respondent did not participate in the current wave.

RwFCNTPM indicates whether respondent has any frequent (i.e., at least weekly) contact with any of their friends by phone, mail or e-mail at the individual level. A code of 1 is used if the respondent reports contact by phone, mail or e-mail either three or more times a week or once to twice a week. A code of 0 is used if the respondent did not report any weekly contact by phone, mail, or e-mail. If the respondent and spouse don’t have any friends, a special missing value .n is assigned. If the respondent is not considered part of the self-completion sample, a special missing value .c is assigned. Don’t know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwFCNTPM is set to blank missing (.) if the respondent did not participate in the current wave.

RwFCNT indicates whether respondent has any frequent (i.e., at least weekly) contact with any of their friends either in person or by phone, mail or e-mail at the individual level. RwFCNT is derived using RwFCNTF and RwFCNTPM. A code of 1 is used if the respondent reports any weekly contact either in person or by phone, mail or e-mail. A code of 0 is used if the respondent did not report any weekly contact. If

the respondent and spouse don’t have any friends, a special missing value .n is assigned. If the respondent is not considered part of the self-completion sample, a special missing value .c is assigned. Don’t know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwFCNT is set to blank missing (.) if the respondent did not participate in the current wave.

SwFCNTF, SwFCNTPM and SwFCNT give the information for the respondent's spouse or partner and are taken directly from the respondent’s spouse’s values to RwFCNTF, RwFCNTPM and RwFCNT. In addition to the special missing codes used in RwFCNTF, RwFCNTPM and RwFCNT, SwFCNTF, SwFCNTPM and SwFCNT employ two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

These variables are not available in the RAND HRS, but users can construct an identical variable from the HRS.

ELSA Variables Used

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Wave 1 Core:
    SCFRD          do you have any friends
    SCFRDG         on average how of do you meet up with your friends
    SCFRDH         on average how often do you speak on the phone with your
    SCFRDI         on average how often do you write or email your friends
Wave 2 Core:
    SCFRD          whether the respondent has any friends
    SCFRDG         how often the respondent meets up with their friends
    SCFRDH         how often the respondent speaks with their friends on th
    SCFRDI         how often the respondent writes to or emails their frien
Wave 3 Core:
    SCFRD          whether the respondent has any friends
    SCFRDG         how often the respondent meets up with their friends
    SCFRDH         how often the respondent speaks with their friends on th
    SCFRDI         how often the respondent writes to or emails their frien
Wave 4 Core:
    SCFRD          whether the respondent has any friends
    SCFRDG         how often the respondent meets up with their friends
    SCFRDH         how often the respondent speaks with their friends on th
    SCFRDI         how often the respondent writes to or emails their frien
Wave 5 Core:
    SCFRD          whether the respondent has any friends
    SCFRDG         how often the respondent meets up with their friends
    SCFRDH         how often the respondent speaks with their friends on th
    SCFRDI         how often the respondent writes to or emails their frien
Wave 6 Core:
    SCFRD          whether the respondent has any friends
    SCFRDG         how often the respondent meets up with their friends
    SCFRDH         how often the respondent speaks with their friends on th
    SCFRDI         how often the respondent writes to or emails their frien
Wave 7 Core:
    SCFRD          whether the respondent has any friends
    SCFRDG         how often these friends make too many demands on the par
    SCFRDH         how often the respondent meets up with their friends
    SCFRDI         how often the respondent speaks with their friends on th
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Received Informal Care from Family Member

Wave	Variable	Label	Type
1	R1RCAANY	r1rcaany:w1 R Received any informal care from family	Categ
2	R2RCAANY	r2rcaany:w2 R Received any informal care from family	Categ
3	R3RCAANY	r3rcaany:w3 R Received any informal care from family	Categ
4	R4RCAANY	r4rcaany:w4 R Received any informal care from family	Categ
5	R5RCAANY	r5rcaany:w5 R Received any informal care from family	Categ
1	S1RCAANY	s1rcaany:w1 S Received any informal care from family	Categ
2	S2RCAANY	s2rcaany:w2 S Received any informal care from family	Categ
3	S3RCAANY	s3rcaany:w3 S Received any informal care from family	Categ
4	S4RCAANY	s4rcaany:w4 S Received any informal care from family	Categ
5	S5RCAANY	s5rcaany:w5 S Received any informal care from family	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RCAANY	6896	0.40	0.49	0.00	1.00
R2RCAANY	5654	0.47	0.50	0.00	1.00
R3RCAANY	5511	0.42	0.49	0.00	1.00
R4RCAANY	6211	0.41	0.49	0.00	1.00
R5RCAANY	5847	0.42	0.49	0.00	1.00
S1RCAANY	4242	0.39	0.49	0.00	1.00
S2RCAANY	3426	0.47	0.50	0.00	1.00
S3RCAANY	3258	0.41	0.49	0.00	1.00
S4RCAANY	3774	0.41	0.49	0.00	1.00
S5RCAANY	3589	0.41	0.49	0.00	1.00

Categorical Variable Codes

Value	R1RCAANY	R2RCAANY	R3RCAANY	R4RCAANY	R5RCAANY
.d:DK	1	1			
.m:Missing	191	2	2	9	8
.s:Skipped due to no limita	5011	3775	4258	4830	4419
0.no	4131	3004	3199	3646	3389
1.yes	2765	2650	2312	2565	2458

Value	S1RCAANY	S2RCAANY	S3RCAANY	S4RCAANY	S5RCAANY
.m:Missing	134	2		8	7
.s:Skipped due to no limita	3694	2750	3128	3620	3368
.u:Unmar	3561	2671	2708	2932	2742
.v:SP NR	468	583	677	716	568
0.no	2589	1811	1936	2235	2121
1.yes	1653	1615	1322	1539	1468

How Constructed

RwRCAANY indicates whether respondent received informal care from a household member due to limitations of daily activities. The possible daily activities include: walking 100 yards, sitting for about two hours, getting up from a chair after sitting for long periods, climbing several flights of stairs without resting, climbing one flight of stairs without resting, stooping, kneeling, or crouching, reaching or extending arms above shoulder level (either arm), pulling or pushing large objects (like a living room chair), lifting or carrying weights over 10 pounds (like a heavy bag of groceries), picking up a 5p coin from a table, dressing (including putting on shoes and socks), walking across a room, bathing or showering, eating (such as cutting up your food), getting in or out of bed, using the toilet (including getting up or down), using a map to figure out how to get around in a strange place, preparing a hot meal, shopping for groceries, making telephone calls, taking medications, doing work around the house or

garden, managing money (such as paying bills and keeping track of expenses), communication (speech, hearing or eyesight) and recognising when you are in physical danger.

A code of 1 indicates that the respondent received some help or care from at least one household member. A code of 0 indicates that the respondent did not receive any help or care from any household member. A special missing value of .s is assigned if the respondent indicates that he/she has no limitations on any of the above daily activities. Don't know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwRCAANY is set to blank missing (.) if the respondent did not participate in the current wave.

SwRCAANY gives the information for the respondent's spouse or partner and are taken directly from the respondent's spouse's values to RwRCAANY. In addition to the special missing codes used in RwRCAANY, SwRCAANY employs two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

Starting in wave 4, there are two more options on the everyday activities list: Communication (speech, hearing or eyesight) and recognising when you are in physical danger.

The question "does anyone ever help with these activities" is not asked starting in the wave 6 questionnaire.

Differences with the RAND HRS

These variables are not available in the RAND HRS, but users can construct an identical variable from the HRS.

ELSA Variables Used

Wave 1 Core:

ASKPX1	whether interviewed by proxy
HEADA01	because of a health problem, do you have any difficultie
HEADA02	show card l @/we need to understand difficulties people
HEADA03	show card l @/we need to understand difficulties people
HEADA04	because of a health problem, do you have any difficultie
HEADA05	because of a health problem, do you have any difficultie
HEADA06	because of a health problem, do you have any difficultie
HEADA07	because of a health problem, do you have any difficultie
HEADA08	because of a health problem, do you have any difficultie
HEADA09	because of a health problem, do you have any difficultie
HEADA10	because of a health problem, do you have any difficultie
HEADA11	because of a health problem, do you have any difficultie
HEADB01	because of a health or memory problem, do you have any
HEADB02	because of a health or memory problem, do you have any
HEADB03	because of a health or memory problem, do you have any
HEADB04	because of a health or memory problem, do you have any
HEADB05	because of a health or memory problem, do you have any
HEADB06	because of a health or memory problem, do you have any
HEADB10	because of a health or memory problem, do you have any
HEADB11	because of a health or memory problem, do you have any
HEADB12	because of a health or memory problem, do you have any
HEADB13	because of a health or memory problem, do you have any
HEADB14	because of a health or memory problem, do you have any
HEHPA	thinking about the activities that you have problems wi
SPCAA	did you look after anyone in the past week (including yo
SPCAB1	what relation is this person or people to you?
SPCAB2	what relation is this person or people to you?
SPCAB3	what relation is this person or people to you?
SPCAB4	what relation is this person or people to you?

Wave 2 Core:

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    ASKPX1          whether interviewed by proxy
    ERCAA           whether respondent looked after anyone in the past week
    ERCAB1          relationship to the person(s) looked after last week (1s
    ERCAB2          relationship to the person(s) looked after last week (2n
    ERCAB3          relationship to the person(s) looked after last week (3r
    ERCAB4          relationship to the person(s) looked after last week (4t
    ERCAB5          relationship to the person(s) looked after last week (5t
    HEADA01         adl: activity has problem with due to health/physical pr
    HEADA02         adl: activity has problem with due to health/physical pr
    HEADA03         adl: activity has problem with due to health/physical pr
    HEADA04         adl: activity has problem with due to health/physical pr
    HEADA05         adl: activity has problem with due to health/physical pr
    HEADA06         adl: activity has problem with due to health/physical pr
    HEADA07         adl: activity has problem with due to health/physical pr
    HEADA08         adl: activity has problem with due to health/physical pr
    HEADA09         adl: activity has problem with due to health/physical pr
    HEADA10         adl: activity has problem with due to health/physical pr
    HEADB01         iadl: activity has problem with due to health/physical p
    HEADB02         iadl: activity has problem with due to health/physical p
    HEADB03         iadl: activity has problem with due to health/physical p
    HEADB04         iadl: activity has problem with due to health/physical p
    HEADB05         iadl: activity has problem with due to health/physical p
    HEADB06         iadl: activity has problem with due to health/physical p
    HEADB07         iadl: activity has problem with due to health/physical p
    HEADB08         iadl: activity has problem with due to health/physical p
    HEADB09         iadl: activity has problem with due to health/physical p
    HEADB10         iadl: activity has problem with due to health/physical p
    HEADB11         iadl: activity has problem with due to health/physical p
    HEADB12         iadl: activity has problem with due to health/physical p
    HEADB13         iadl: activity has problem with due to health/physical p
    HEHPA           adl & iadl: whether ever has help with these activities
Wave 3 Core:
    ASKPX           whether respondent had a proxy interview
    ERCAA           whether looked after anyone in the past week
    ERCAMGC         looked after her/his grandchild (merged)
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLMA         iadl: difficulty using map to figure out how to get arou
    HEADLME         iadl: difficulty taking medications
    HEADLMO         iadl: difficulty managing money, eg paying bills,keeping
    HEADLPH         iadl: difficulty making telephone calls
    HEADLPR         iadl: difficulty preparing a hot meal
    HEADLSH         iadl: difficulty shopping for groceries
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
    HEHPA           functioning: whether ever has help with mobility, adl, i
    HEMOBCH         mobility: difficulty getting up from chair after sitting
    HEMOBCL         mobility: difficulty climbing one flight stairs without
    HEMOBCS         mobility: difficulty climbing several flights stairs wit
    HEMOBLI         mobility: difficulty lifting or carrying weights over 10
    HEMOBPI         mobility: difficulty picking up 5p coin from table
    HEMOBPU         mobility: difficulty pulling or pushing large objects
    HEMOBRE         mobility: difficulty reaching or ectending arms above sh
    HEMOBSI         mobility: difficulty sitting 2 hours
    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
Wave 4 Core:
    ASKPX           whether respondent had an interview by proxy
    ERCAA           whether looked after anyone in the past week
    ERCAMGC         looked after her/his grandchild (merged)
    HEADLBA         adl: difficulty bathing or showering
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    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
    HEHPA           functioning: whether ever has help with mobility, adl, i
    HEMOBCH         mobility: difficulty getting up from chair after sitting
    HEMOBCL         mobility: difficulty climbing one flight stairs without
    HEMOBCS         mobility: difficulty climbing several flights stairs wit
    HEMOBLI         mobility: difficulty lifting or carrying weights over 10
    HEMOBPI         mobility: difficulty picking up 5p coin from table
    HEMOBPU         mobility: difficulty pulling or pushing large objects
    HEMOBRE         mobility: difficulty reaching or extending arms above sh
    HEMOBSI         mobility: difficulty sitting 2 hours
    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
    WPACTCA         activities during last month: cared for someone
    WPACTLO         activities during last month: looked after home or famil
Wave 5 Core:
    ASKPX           whether respondent had an interview by proxy
    ERCAA           whether looked after anyone in the past week
    ERCAMGC         looked after her/his grandchild (merged)
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
    HEHPA           functioning: whether ever has help with mobility, adl, i
    HEMOBCH         mobility: difficulty getting up from chair after sitting
    HEMOBCL         mobility: difficulty climbing one flight stairs without
    HEMOBCS         mobility: difficulty climbing several flights stairs wit
    HEMOBLI         mobility: difficulty lifting or carrying weights over 10
    HEMOBPI         mobility: difficulty picking up 5p coin from table
    HEMOBPU         mobility: difficulty pulling or pushing large objects
    HEMOBRE         mobility: difficulty reaching or ectending arms above sh
    HEMOBSI         mobility: difficulty sitting 2 hours
    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
    WPACTCA         activities during last month: cared for someone
    WPACTLO         activities during last month: looked after home or famil
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Provided Informal Care to Family Member

Wave	Variable	Label	Type
1	R1GCAANY	r1gcaany:w1 R Gave any informal care to anyone	Categ
2	R2GCAANY	r2gcaany:w2 R Gave any informal care to anyone	Categ
3	R3GCAANY	r3gcaany:w3 R Gave any informal care to anyone	Categ
4	R4GCAANY	r4gcaany:w4 R Gave any informal care to anyone	Categ
5	R5GCAANY	r5gcaany:w5 R Gave any informal care to anyone	Categ
6	R6GCAANY	r6gcaany:w6 R Gave any informal care to anyone	Categ
7	R7GCAANY	r7gcaany:w7 R Gave any informal care to anyone	Categ
1	S1GCAANY	s1gcaany:w1 S Gave any informal care to anyone	Categ
2	S2GCAANY	s2gcaany:w2 S Gave any informal care to anyone	Categ
3	S3GCAANY	s3gcaany:w3 S Gave any informal care to anyone	Categ
4	S4GCAANY	s4gcaany:w4 S Gave any informal care to anyone	Categ
5	S5GCAANY	s5gcaany:w5 S Gave any informal care to anyone	Categ
6	S6GCAANY	s6gcaany:w6 S Gave any informal care to anyone	Categ
7	S7GCAANY	s7gcaany:w7 S Gave any informal care to anyone	Categ
1	R1GKCARE	r1gkcare:w1 R gave care to grandchildren	Categ
2	R2GKCARE	r2gkcare:w2 R gave care to grandchildren	Categ
3	R3GKCARE	r3gkcare:w3 R gave care to grandchildren	Categ
4	R4GKCARE	r4gkcare:w4 R gave care to grandchildren	Categ
5	R5GKCARE	r5gkcare:w5 R gave care to grandchildren	Categ
6	R6GKCARE	r6gkcare:w6 R gave care to grandchildren	Categ
7	R7GKCARE	r7gkcare:w7 R gave care to grandchildren	Categ
1	S1GKCARE	s1gkcare:w1 S gave care to grandchildren	Categ
2	S2GKCARE	s2gkcare:w2 S gave care to grandchildren	Categ
3	S3GKCARE	s3gkcare:w3 S gave care to grandchildren	Categ
4	S4GKCARE	s4gkcare:w4 S gave care to grandchildren	Categ
5	S5GKCARE	s5gkcare:w5 S gave care to grandchildren	Categ
6	S6GKCARE	s6gkcare:w6 S gave care to grandchildren	Categ
7	S7GKCARE	s7gkcare:w7 S gave care to grandchildren	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1GCAANY	12090	0.45	0.50	0.00	1.00
R2GCAANY	9431	0.52	0.50	0.00	1.00
R3GCAANY	9768	0.47	0.50	0.00	1.00
R4GCAANY	11040	0.47	0.50	0.00	1.00
R5GCAANY	10265	0.47	0.50	0.00	1.00
R6GCAANY	10599	0.44	0.50	0.00	1.00
R7GCAANY	9665	0.45	0.50	0.00	1.00
S1GCAANY	8062	0.47	0.50	0.00	1.00
S2GCAANY	6177	0.56	0.50	0.00	1.00
S3GCAANY	6385	0.50	0.50	0.00	1.00
S4GCAANY	7394	0.50	0.50	0.00	1.00
S5GCAANY	6958	0.51	0.50	0.00	1.00
S6GCAANY	7240	0.47	0.50	0.00	1.00
S7GCAANY	6559	0.48	0.50	0.00	1.00
R1GKCARE	11911	0.04	0.19	0.00	1.00
R2GKCARE	9421	0.02	0.13	0.00	1.00
R3GKCARE	9757	0.01	0.12	0.00	1.00
R4GKCARE	11020	0.01	0.11	0.00	1.00
R5GKCARE	10230	0.01	0.11	0.00	1.00

R6GKCARE	9924	0.04	0.20	0.00	1.00
R7GKCARE	9024	0.04	0.20	0.00	1.00
S1GKCARE	7940	0.04	0.20	0.00	1.00
S2GKCARE	6168	0.02	0.14	0.00	1.00
S3GKCARE	6374	0.02	0.12	0.00	1.00
S4GKCARE	7376	0.01	0.11	0.00	1.00
S5GKCARE	6927	0.01	0.12	0.00	1.00
S6GKCARE	6716	0.05	0.22	0.00	1.00
S7GKCARE	6048	0.05	0.21	0.00	1.00

Categorical Variable Codes

Value	R1GCAANY	R2GCAANY	R3GCAANY	R4GCAANY	R5GCAANY	R6GCAANY	R7GCAANY
.d:DK	5			2	4		1
.m:Missing			3				
.r:Refuse	4	1		8	5	2	
0.no	6633	4495	5177	5834	5446	5890	5331
1.yes	5457	4936	4591	5206	4819	4709	4334

Value	S1GCAANY	S2GCAANY	S3GCAANY	S4GCAANY	S5GCAANY	S6GCAANY	S7GCAANY
.d:DK	4			2	3		1
.m:Missing			1				
.r:Refuse	4	1		6	3	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	4265	2742	3214	3682	3431	3812	3402
1.yes	3797	3435	3171	3712	3527	3428	3157

Value	R1GKCARE	R2GKCARE	R3GKCARE	R4GKCARE	R5GKCARE	R6GKCARE	R7GKCARE
.d:DK	6						
.i:Institutional interview						9	9
.m:Missing		2	1	7	21	27	11
.n:Not Applied	75	2	5	12	19	217	206
.p:proxy	103	4	7	11		416	407
.r:Refuse	4	3	1		4	8	9
0.no	11449	9258	9615	10896	10094	9491	8663
1.yes	462	163	142	124	136	433	361

Value	S1GKCARE	S2GKCARE	S3GKCARE	S4GKCARE	S5GKCARE	S6GKCARE	S7GKCARE
.d:DK	4						
.m:Missing		2	1	4	18	17	10
.n:Not Applied	53	1	4	11	16	182	181
.p:proxy	70	4	6	11		320	313
.r:Refuse	3	3	1		3	7	8
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	7599	6048	6273	7284	6825	6387	5766
1.yes	341	120	101	92	102	329	282

How Constructed

RwGCAANY indicates whether respondent gave any informal care to anyone, including family members and/or non-family members, in the last month. A code of 1 is used if the respondent reports "cared for someone" and/or "looked after home or family" in the last month. Please note that the wording for the options in wave 1 is slightly different than the rest of the waves, instead of being asked if they "care for someone" as in the rest of the waves, in wave 1 the respondent is asked if they "cared for a sick or disabled adult." A code of 0 is used if the respondent indicates they did not provide any care in the last month. Don’t know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwGCAANY is set to blank missing (.) if the respondent did not participate in the current wave.

RwGKCARE indicates whether respondent gave any informal care to their grandchildren in the past week. A code of 1 is used if the respondent reports looking after his/her grandchildren in the past week. A code of 0 indicates that the respondent does not provide any care to their grandchildren. Starting in Wave 6, giving informal care to grandchildren was not asked to respondents with institutional interview, a

special missing value .i is assigned for these interviews. Don’t know, refused, or missing responses are assigned special missing values .d, .r, .m, respectively. RwGKCARE is set to blank missing (.) if the respondent did not participate in the current wave.

SwGCAANY and SwGKCARE give the information for the respondent's spouse or partner and are taken directly from the respondent’s spouse’s values to RwGCAANY and RwGKCARE. In addition to the special missing codes used in RwGCAANY and RwGKCARE, SwGCAANY and SwGKCARE employ two other missing codes, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. Special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

In wave 1, respondents had the following listed options to respond to the question: "Did you do any of these activities during the last month?":

1. Paid work

2. Self-employment

3. Voluntary work

4. Care for a sick or disabled adult

5. Looked after home or family

6. Attended a formal educational or training course.

96. None of these

However, starting in wave 2, respondents had the following listed options to respond to the question "Did you do any of these activities during the last month":

1. Paid work

2. Self-employment

3. Voluntary work

4. Cared for someone

5. Looked after home or family

6. Attended a formal educational or training course

96. None of these

In wave 1, whether the respondent provided any informal care (looked after anyone) in the past week is asked in the social participation module; moreover, there is no leading question as a requirement to restrict if the respondent is asked the question. However, starting in wave 2, whether the respondent provided any informal care (looked after anyone) in the past week is asked in the effort and reward module.

In wave 2 to wave 5, whether or not the respondent is asked the question of providing any informal care (looking after anyone) in the past week depends on how the respondent answered the work status question: "Did you do any of these activities during the last month?". However, there is no such requirement starting in wave 6. Also starting in wave 6, the question of providing any informal care (looking after anyone) in the past week is not asked if the respondent is in an institution.

Differences with the RAND HRS

These variables are not available in the RAND HRS, but users can construct an identical variable from the HRS.

ELSA Variables Used

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Wave 1 Core:
    ASKPX1         whether interviewed by proxy
    HEADA01        because of a health problem, do you have any difficultie
    HEADA02        show card l @/we need to understand difficulties people
    HEADA03        show card l @/we need to understand difficulties people
    HEADA04        because of a health problem, do you have any difficultie
    HEADA05        because of a health problem, do you have any difficultie
    HEADA06        because of a health problem, do you have any difficultie
    HEADA07        because of a health problem, do you have any difficultie
    HEADA08        because of a health problem, do you have any difficultie
    HEADA09        because of a health problem, do you have any difficultie
    HEADA10        because of a health problem, do you have any difficultie
    HEADA11        because of a health problem, do you have any difficultie
    HEADB01        because of a health or memory  problem, do you have any
    HEADB02        because of a health or memory  problem, do you have any
    HEADB03        because of a health or memory  problem, do you have any
    HEADB04        because of a health or memory  problem, do you have any
    HEADB05        because of a health or memory  problem, do you have any
    HEADB06        because of a health or memory  problem, do you have any
    HEADB10        because of a health or memory  problem, do you have any
    HEADB11        because of a health or memory  problem, do you have any
    HEADB12        because of a health or memory  problem, do you have any
    HEADB13        because of a health or memory  problem, do you have any
    HEADB14        because of a health or memory  problem, do you have any
    HEHPA          thinking  about the activities that you have problems wi
    SPCAA          did you look after anyone in the past week (including yo
    SPCAB1         what relation is this person or people to you?
    SPCAB2         what relation is this person or people to you?
    SPCAB3         what relation is this person or people to you?
    SPCAB4         what relation is this person or people to you?
Wave 2 Core:
    ASKPX1         whether interviewed by proxy
    ERCAA          whether respondent looked after anyone in the past week
    ERCAB1         relationship to the person(s) looked after last week (1s
    ERCAB2         relationship to the person(s) looked after last week (2n
    ERCAB3         relationship to the person(s) looked after last week (3r
    ERCAB4         relationship to the person(s) looked after last week (4t
    ERCAB5         relationship to the person(s) looked after last week (5t
    HEADA01        adl: activity has problem with due to health/physical pr
    HEADA02        adl: activity has problem with due to health/physical pr
    HEADA03        adl: activity has problem with due to health/physical pr
    HEADA04        adl: activity has problem with due to health/physical pr
    HEADA05        adl: activity has problem with due to health/physical pr
    HEADA06        adl: activity has problem with due to health/physical pr
    HEADA07        adl: activity has problem with due to health/physical pr
    HEADA08        adl: activity has problem with due to health/physical pr
    HEADA09        adl: activity has problem with due to health/physical pr
    HEADA10        adl: activity has problem with due to health/physical pr
    HEADB01        iadl: activity has problem with due to health/physical p
    HEADB02        iadl: activity has problem with due to health/physical p
    HEADB03        iadl: activity has problem with due to health/physical p
    HEADB04        iadl: activity has problem with due to health/physical p
    HEADB05        iadl: activity has problem with due to health/physical p
    HEADB06        iadl: activity has problem with due to health/physical p
    HEADB07        iadl: activity has problem with due to health/physical p
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    HEADB08         iadl: activity has problem with due to health/physical p
    HEADB09         iadl: activity has problem with due to health/physical p
    HEADB10         iadl: activity has problem with due to health/physical p
    HEADB11         iadl: activity has problem with due to health/physical p
    HEADB12         iadl: activity has problem with due to health/physical p
    HEADB13         iadl: activity has problem with due to health/physical p
    HEHPA           adl & iadl: whether ever has help with these activities
Wave 3 Core:
    ASKPX           whether respondent had a proxy interview
    ERCAA           whether looked after anyone in the past week
    ERCAMGC         looked after her/his grandchild (merged)
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLMA         iadl: difficulty using map to figure out how to get arou
    HEADLME         iadl: difficulty taking medications
    HEADLMO         iadl: difficulty managing money, eg paying bills,keeping
    HEADLPH         iadl: difficulty making telephone calls
    HEADLPR         iadl: difficulty preparing a hot meal
    HEADLSH         iadl: difficulty shopping for groceries
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
    HEHPA           functioning: whether ever has help with mobility, adl, i
    HEMOBCH         mobility: difficulty getting up from chair after sitting
    HEMOBCL         mobility: difficulty climbing one flight stairs without
    HEMOBCS         mobility: difficulty climbing several flights stairs wit
    HEMOBLI         mobility: difficulty lifting or carrying weights over 10
    HEMOBPI         mobility: difficulty picking up 5p coin from table
    HEMOBPU         mobility: difficulty pulling or pushing large objects
    HEMOBRE         mobility: difficulty reaching or ectending arms above sh
    HEMOBSI         mobility: difficulty sitting 2 hours
    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
Wave 4 Core:
    ASKPX           whether respondent had an interview by proxy
    ERCAA           whether looked after anyone in the past week
    ERCAMGC         looked after her/his grandchild (merged)
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
    HEHPA           functioning: whether ever has help with mobility, adl, i
    HEMOBCH         mobility: difficulty getting up from chair after sitting
    HEMOBCL         mobility: difficulty climbing one flight stairs without
    HEMOBCS         mobility: difficulty climbing several flights stairs wit
    HEMOBLI         mobility: difficulty lifting or carrying weights over 10
    HEMOBPI         mobility: difficulty picking up 5p coin from table
    HEMOBPU         mobility: difficulty pulling or pushing large objects
    HEMOBRE         mobility: difficulty reaching or extending arms above sh
    HEMOBSI         mobility: difficulty sitting 2 hours
    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
    WPACTCA         activities during last month: cared for someone
    WPACTLO         activities during last month: looked after home or famil
Wave 5 Core:
    ASKPX           whether respondent had an interview by proxy
    ERCAA           whether looked after anyone in the past week
    ERCAMGC         looked after her/his grandchild (merged)
    HEADLBA         adl: difficulty bathing or showering
    HEADLBE         adl: difficulty getting in and out of bed
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    HEADLDR         adl: difficulty dressing, including putting on shoes and
    HEADLEA         adl: difficulty eating, such as cutting up food
    HEADLWA         adl: difficulty walking across a room
    HEADLWC         adl: difficulty using the toilet, including getting up o
    HEHPA           functioning: whether ever has help with mobility, adl, i
    HEMOBCH         mobility: difficulty getting up from chair after sitting
    HEMOBCL         mobility: difficulty climbing one flight stairs without
    HEMOBCS         mobility: difficulty climbing several flights stairs wit
    HEMOBLI         mobility: difficulty lifting or carrying weights over 10
    HEMOBPI         mobility: difficulty picking up 5p coin from table
    HEMOBPU         mobility: difficulty pulling or pushing large objects
    HEMOBRE         mobility: difficulty reaching or ectending arms above sh
    HEMOBSI         mobility: difficulty sitting 2 hours
    HEMOBST         mobility: difficulty stooping, kneeling or crouching
    HEMOBWA         mobility: difficulty walking 100 yards
    WPACTCA         activities during last month: cared for someone
    WPACTLO         activities during last month: looked after home or famil
Wave 6 Core:
    ASKINST         whether respondent had an institutional interview
    ASKPX           whether respondent had an interview by proxy
    ERCAA           whether looked after anyone in the past week
    ERCAMGC         looked after her/his grandchild (merged)
    WPACTCA         activities during last month: cared for someone
    WPACTLO         activities during last month: looked after home or famil
Wave 7 Core:
    ASKINST         whether respondent had an institutional interview
    ASKPX           whether respondent had an interview by proxy
    ERCAA           whether looked after anyone in the past week
    ERCAMGC         looked after her/his grandchild (merged)
    WPACTCA         activities during last month: cared for someone
    WPACTLO         activities during last month: looked after home or famil
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Financial Transfers to Family and Others

Wave	Variable	Label	Type
2	H2GANY	h2gany:w2 any transfers given	Categ
4	H4GANY	h4gany:w4 Any transfers given	Categ
5	H5GANY	h5gany:w5 Any transfers given	Categ
6	H6GANY	h6gany:w6 Any transfers given	Categ
7	H7GANY	h7gany:w7 Any transfers given	Categ
4	H4TCANY	h4tcany:w4 Any transfers given to children/ grandchildren	Categ
5	H5TCANY	h5tcany:w5 Any transfers given to children/ grandchildren	Categ
6	H6TCANY	h6tcany:w6 Any transfers given to children/ grandchildren	Categ
7	H7TCANY	h7tcany:w7 Any transfers given to children/ grandchildren	Categ
4	H4TOANY	h4toany:w4 Any transfers given to other relatives	Categ
5	H5TOANY	h5toany:w5 Any transfers given to other relatives	Categ
6	H6TOANY	h6toany:w6 Any transfers given to other relatives	Categ
7	H7TOANY	h7toany:w7 Any transfers given to other relatives	Categ
4	H4TFANY	h4tfany:w4 Any transfers given to other non-relatives	Categ
5	H5TFANY	h5tfany:w5 Any transfers given to other non-relatives	Categ
6	H6TFANY	h6tfany:w6 Any transfers given to other non-relatives	Categ
7	H7TFANY	h7tfany:w7 Any transfers given to other non-relatives	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H2GANY	9314	0.66	0.47	0.00	1.00
H4GANY	10881	0.63	0.48	0.00	1.00
H5GANY	10091	0.65	0.48	0.00	1.00
H6GANY	10382	0.65	0.48	0.00	1.00
H7GANY	9506	0.68	0.47	0.00	1.00
H4TCANY	10922	0.23	0.42	0.00	1.00
H5TCANY	10137	0.23	0.42	0.00	1.00
H6TCANY	10447	0.24	0.43	0.00	1.00
H7TCANY	9548	0.24	0.43	0.00	1.00
H4TOANY	10922	0.06	0.23	0.00	1.00
H5TOANY	10137	0.05	0.22	0.00	1.00
H6TOANY	10447	0.05	0.22	0.00	1.00
H7TOANY	9548	0.05	0.21	0.00	1.00
H4TFANY	10922	0.02	0.14	0.00	1.00
H5TFANY	10137	0.02	0.13	0.00	1.00
H6TFANY	10447	0.02	0.14	0.00	1.00
H7TFANY	9548	0.02	0.12	0.00	1.00

Categorical Variable Codes

Value	H2GANY	H4GANY	H5GANY	H6GANY	H7GANY
.d:DK	86	51	57	90	55
.m:Missing	9	78	77	80	57
.r:Refuse	23	40	49	49	48
0.no	3175	4048	3547	3616	3062
1.yes	6139	6833	6544	6766	6444

Value	H4TCANY	H5TCANY	H6TCANY	H7TCANY
.d:DK	16	14	29	11

.m:Missing		98	101	99	83
.r:Refuse		14	22	26	24
0.no		8434	7788	7917	7248
1.yes		2488	2349	2530	2300

Value		H4TOANY	H5TOANY	H6TOANY	H7TOANY
.d:DK		16	14	29	11
.m:Missing		98	101	99	83
.r:Refuse		14	22	26	24
0.no		10288	9623	9939	9102
1.yes		634	514	508	446

Value		H4TFANY	H5TFANY	H6TFANY	H7TFANY
.d:DK		16	14	29	11
.m:Missing		98	101	99	83
.r:Refuse		14	22	26	24
0.no		10690	9964	10250	9398
1.yes		232	173	197	150

How Constructed

HwGANY indicates whether the respondent and spouse gave any financial help to relatives or other people outside of their household, including money to charity, in the last four weeks. A code of 0 indicates that the respondent and spouse did not give any financial support to anyone. A code of 1 indicates that the respondent and spouse gave some financial support to relatives or other people outside of their household. Don’t know, refused, or other missing responses to HwGANY are assigned special missing codes .d, .r, .m, respectively. HwGANY is set to blank missing (.) if the respondent did not participate in the current wave.

HwTCANY indicates whether the respondent and spouse gave any financial help to their own children and/or grandchildren in the last four weeks. A code of 0 indicates that the respondent and spouse did not give any financial support to any of their children and/or grandchildren. A code of 1 indicates that the respondent and spouse gave some financial support to their children and/or grandchildren. A special missing value of .k is used if the respondent and spouse do not have any children. Don’t know, refused, or other missing responses to HwTCANY are assigned special missing codes .d, .r, .m, respectively. HwTCANY is set to blank missing (.) if the respondent did not participate in the current wave.

HwTOANY indicates whether the respondent and spouse gave any financial help to other relatives in the last four weeks. A code of 0 indicates that the respondent and spouse did not give any financial support to any of other relatives. A code of 1 indicates that the respondent and spouse gave some financial support to other relatives. Don’t know, refused, or other missing responses to HwTOANY are assigned special missing codes .d, .r, .m, respectively. HwTOANY is set to blank missing (.) if the respondent did not participate in the current wave.

HwTFANY indicates whether the respondent and spouse gave any financial help to other non-relatives in the last four weeks. A code of 0 indicates that the respondent and spouse did not give any financial support to any other non-relatives. A code of 1 indicates that the respondent and spouse gave some financial support to other non-relatives. Don’t know, refused, or other missing responses to HwTFANY are assigned special missing codes .d, .r, .m, respectively. HwTFANY is set to blank missing (.) if the respondent did not participate in the current wave.

Cross Wave Differences in ELSA

The questions relating to the respondent and spouse giving any financial help to family or non-family members are not included in the wave 1 and wave 3 questionnaire. Unlike the wave 2 questionnaire, beginning in wave 4, ELSA further asks the respondent "can you tell me who you gave that money to?" The variables for whether the respondent and spouse gave financial transfers to children/grandchildren, relatives and non-relatives are only available beginning in wave 4.

Differences with the RAND HRS

These variables are not available in the RAND HRS, but users can construct an identical variable from the HRS.

ELSA Variables Used

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Wave 2 Core:
    ASKPX1         whether interviewed by proxy
    HOTRAN         hh spending on transfers out of home in last 4 weeks
Wave 4 Core:
    ASKPX          whether respondent had an interview by proxy
    HOTRAN         amount given to relatives or other people outside of hom
    HOTRANGC       money given to grandchild(ren)
    HOTRANNR       money given to other non-relative
    HOTRANOC       money given to own child(ren)
    HOTRANOR       money given to other relative
Wave 5 Core:
    ASKPX          whether respondent had an interview by proxy
    HOTRAN         amount given to relatives or other people outside of hom
    HOTRANGC       money given to grandchild(ren)
    HOTRANNR       money given to other non-relative
    HOTRANOC       money given to own child(ren)
    HOTRANOR       money given to other relative
Wave 6 Core:
    ASKPX          whether respondent had an interview by proxy
    HOTRAN         amount given to relatives or other people outside of hom
    HOTRANGC       money given to grandchild(ren)
    HOTRANNR       money given to other non-relative
    HOTRANOC       money given to own child(ren)
    HOTRANOR       money given to other relative
Wave 7 Core:
    ASKPX          whether respondent had an interview by proxy
    HOTRAN         amount given to relatives or other people outside of hom
    HOTRANGC       money given to grandchild(ren)
    HOTRANNR       money given to other non-relative
    HOTRANOC       money given to own child(ren)
    HOTRANOR       money given to other relative
```

Whether Participates in Any Social Activity

Wave	Variable	Label	Type
1	R1SOCYR	r1socyr:w1 R participate in social activities	Categ
2	R2SOCYR	r2socyr:w2 R participate in social activities	Categ
3	R3SOCYR	r3socyr:w3 R participate in social activities	Categ
4	R4SOCYR	r4socyr:w4 R participate in social activities	Categ
5	R5SOCYR	r5socyr:w5 R participate in social activities	Categ
6	R6SOCYR	r6socyr:w6 R participate in social activities	Categ
7	R7SOCYR	r7socyr:w7 R participate in social activities	Categ
1	S1SOCYR	s1socyr:w1 S participate in social activities	Categ
2	S2SOCYR	s2socyr:w2 S participate in social activities	Categ
3	S3SOCYR	s3socyr:w3 S participate in social activities	Categ
4	S4SOCYR	s4socyr:w4 S participate in social activities	Categ
5	S5SOCYR	s5socyr:w5 S participate in social activities	Categ
6	S6SOCYR	s6socyr:w6 S participate in social activities	Categ
7	S7SOCYR	s7socyr:w7 S participate in social activities	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SOCYR	9243	0.36	0.48	0.00	1.00
R2SOCYR	6304	0.41	0.49	0.00	1.00
R3SOCYR	6531	0.40	0.49	0.00	1.00
R4SOCYR	8369	0.32	0.47	0.00	1.00
R5SOCYR	8070	0.33	0.47	0.00	1.00
R6SOCYR	8216	0.33	0.47	0.00	1.00
R7SOCYR	7470	0.33	0.47	0.00	1.00
S1SOCYR	6380	0.38	0.48	0.00	1.00
S2SOCYR	4331	0.42	0.49	0.00	1.00
S3SOCYR	4437	0.41	0.49	0.00	1.00
S4SOCYR	5827	0.33	0.47	0.00	1.00
S5SOCYR	5600	0.34	0.47	0.00	1.00
S6SOCYR	5771	0.35	0.48	0.00	1.00
S7SOCYR	5186	0.34	0.47	0.00	1.00

Categorical Variable Codes

Value	R1SOCYR	R2SOCYR	R3SOCYR	R4SOCYR	R5SOCYR	R6SOCYR	R7SOCYR
.c:no self-completion inter	1113	1078	1534	1776	1244	1605	1469
.m:Missing	502	588	472	394	485	421	394
.r:Refuse	1241	1462	1234	511	475	359	333
0.no	5885	3693	3939	5662	5414	5487	5021
1.yes	3358	2611	2592	2707	2656	2729	2449

Value	S1SOCYR	S2SOCYR	S3SOCYR	S4SOCYR	S5SOCYR	S6SOCYR	S7SOCYR
.c:no self-completion inter	533	457	771	925	751	999	902
.m:Missing	329	418	324	293	313	258	259
.r:Refuse	828	972	854	357	300	214	213
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	3974	2516	2623	3877	3713	3775	3432
1.yes	2406	1815	1814	1950	1887	1996	1754

How Constructed

RwSOCYR indicates whether the respondent is a member of an organisation, club or society and attends at least one committee meeting in a year.

The list of organisations, clubs or societies include:

1.Political party, trade union or environmental groups

2.Tenants group, resident groups neighbourhood watch

3.Church or other religious groups

4.Charitable associations

5.Education, arts or music groups or evening classes

6.Social clubs

7.Sports clubs, gyms, exercise classes

8.Any other organisations, clubs or societies

A code of 0 indicates that the respondent does not attend any committee meeting, and a code of 1 indicates that the respondent does attend at least one comittee. Don't know and refuse responses are coded as .d and .r, respectively. Special missing code .m is used when the response is missing for another reason. RwSOCYR is set to blank missing (.) for respondents who did not respond to the current wave.

SwSOCYR indicates whether the respondent's spouse is a member of the organisations, clubs or societies and attend at least one committee meeting in a year. It is taken from the spouse's values to RwSOCYR. In addition to the special missing codes used in RwSOCYR, SwSOCYR employs two additional special missing values, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

This variable is not available in the RAND HRS.

ELSA Variables Used

```
Wave 1 Core:
    SCORG9         no, i am not a member of any organisations, clubs or soc
    SCORGN         how many committee meetings, if any do you attend in a
Wave 2 Core:
    SCORG09        organisational membership: not a member of any organisat
    SCORGN         number of committee meetings attends in a year
Wave 3 Core:
    SCORG09        respondent is not a member of any organisations, clubs o
    SCORGN         number of committee meetings, if any, respondent has att
Wave 4 Core:
    SCORG09        respondent is not a member of any organisations, clubs o
    SCORGN         number of committee meetings, if any, respondent has att
Wave 5 Core:
    SCORG09        respondent is not a member of any organisations, clubs o
    SCORGN         number of committee meetings, if any, respondent has att
Wave 6 Core:
    SCORG09        respondent is not a member of any organisations, clubs o
    SCORGN         number of committee meetings, if any, respondent has att
```

Wave 7 Core:

SCORG09	respondent is not a member of any organisations, clubs o
SCORGN	number of committee meetings, if any, respondent has att

Section H: Employment History

Currently Working for Pay

Wave	Variable	Label	Type
1	R1WORK	r1work:w1 R working for pay	Categ
2	R2WORK	r2work:w2 R working for pay	Categ
3	R3WORK	r3work:w3 R working for pay	Categ
4	R4WORK	r4work:w4 R working for pay	Categ
5	R5WORK	r5work:w5 R working for pay	Categ
6	R6WORK	r6work:w6 R working for pay	Categ
7	R7WORK	r7work:w7 R working for pay	Categ
1	S1WORK	s1work:w1 S working for pay	Categ
2	S2WORK	s2work:w2 S working for pay	Categ
3	S3WORK	s3work:w3 S working for pay	Categ
4	S4WORK	s4work:w4 S working for pay	Categ
5	S5WORK	s5work:w5 S working for pay	Categ
6	S6WORK	s6work:w6 S working for pay	Categ
7	S7WORK	s7work:w7 S working for pay	Categ
1	R1WORK2	r1work2:w1 R Works at 2nd job	Categ
2	R2WORK2	r2work2:w2 R Works at 2nd job	Categ
3	R3WORK2	r3work2:w3 R Works at 2nd job	Categ
4	R4WORK2	r4work2:w4 R Works at 2nd job	Categ
5	R5WORK2	r5work2:w5 R Works at 2nd job	Categ
6	R6WORK2	r6work2:w6 R Works at 2nd job	Categ
7	R7WORK2	r7work2:w7 R Works at 2nd job	Categ
1	S1WORK2	s1work2:w1 S Works at 2nd job	Categ
2	S2WORK2	s2work2:w2 S Works at 2nd job	Categ
3	S3WORK2	s3work2:w3 S Works at 2nd job	Categ
4	S4WORK2	s4work2:w4 S Works at 2nd job	Categ
5	S5WORK2	s5work2:w5 S Works at 2nd job	Categ
6	S6WORK2	s6work2:w6 S Works at 2nd job	Categ
7	S7WORK2	s7work2:w7 S Works at 2nd job	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WORK	12090	0.38	0.48	0.00	1.00
R2WORK	9431	0.35	0.48	0.00	1.00
R3WORK	9768	0.40	0.49	0.00	1.00
R4WORK	11040	0.39	0.49	0.00	1.00
R5WORK	10265	0.34	0.47	0.00	1.00
R6WORK	10599	0.35	0.48	0.00	1.00
R7WORK	9665	0.34	0.47	0.00	1.00
S1WORK	8062	0.44	0.50	0.00	1.00
S2WORK	6177	0.41	0.49	0.00	1.00
S3WORK	6385	0.48	0.50	0.00	1.00
S4WORK	7394	0.45	0.50	0.00	1.00
S5WORK	6958	0.40	0.49	0.00	1.00
S6WORK	7240	0.40	0.49	0.00	1.00
S7WORK	6559	0.39	0.49	0.00	1.00
R1WORK2	11901	0.03	0.17	0.00	1.00
R2WORK2	9306	0.03	0.17	0.00	1.00
R3WORK2	9709	0.03	0.17	0.00	1.00
R4WORK2	10764	0.03	0.17	0.00	1.00
R5WORK2	9959	0.02	0.16	0.00	1.00

R6WORK2	10358	0.03	0.16	0.00	1.00
R7WORK2	9433	0.02	0.15	0.00	1.00
S1WORK2	7930	0.03	0.18	0.00	1.00
S2WORK2	6082	0.03	0.18	0.00	1.00
S3WORK2	6330	0.03	0.18	0.00	1.00
S4WORK2	7131	0.03	0.18	0.00	1.00
S5WORK2	6667	0.03	0.16	0.00	1.00
S6WORK2	7004	0.03	0.16	0.00	1.00
S7WORK2	6330	0.03	0.16	0.00	1.00

Categorical Variable Codes

Value	R1WORK	R2WORK	R3WORK	R4WORK	R5WORK	R6WORK	R7WORK
.d:DK	5			2	4		1
.m:Missing			3				
.r:Refuse	4	1		8	5	2	
0.Not working for pay	7534	6161	5822	6769	6739	6895	6402
1.Working for pay	4556	3270	3946	4271	3526	3704	3263

Value	S1WORK	S2WORK	S3WORK	S4WORK	S5WORK	S6WORK	S7WORK
.d:DK	4			2	3		1
.m:Missing			1				
.r:Refuse	4	1		6	3	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.Not working for pay	4522	3666	3324	4096	4173	4319	4008
1.Working for pay	3540	2511	3061	3298	2785	2921	2551

Value	R1WORK2	R2WORK2	R3WORK2	R4WORK2	R5WORK2	R6WORK2	R7WORK2
.d:DK	11		6	2	110	3	1
.m:Missing	2	2	1	137			
.p:proxy	175	123	49	136	201	235	225
.r:Refuse	10	1	6	11	4	5	7
0.Not working for pay	11546	9044	9423	10447	9712	10088	9214
1.Working for pay	355	262	286	317	247	270	219

Value	S1WORK2	S2WORK2	S3WORK2	S4WORK2	S5WORK2	S6WORK2	S7WORK2
.d:DK	9		5	2	97	3	1
.m:Missing	2	2	1	128			
.p:proxy	122	93	47	135	198	232	223
.r:Refuse	7	1	3	6	2	3	6
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.Not working for pay	7653	5886	6110	6898	6488	6809	6169
1.Working for pay	277	196	220	233	179	195	161

How Constructed

RwWORK is derived from a set of questions about activities done over the past month. A value of 0 indicates that the respondent is not currently doing paid work and a value of 1 indicates that the respondent is currently doing paid work. Don’t know, refused, or other missing responses of RwWORK are assigned special missing codes .d, .r, .m, respectively. RwWORK is set to plain missing (.) for respondents who did not respond to the current wave.

RwWORK2 indicates whether R is working at a second job. If RwWORK is set to 0, RwWORK2 is also set to 0 (No). ELSA surveys respondents as to working other or casual paid jobs, such as paid babysitting, mail order agent, pools agent, etc. Don’t know, refused, or other missing responses of RwWORK2 are assigned special missing codes .d, .r, .m, respectively. If the respondent's survey was conducted with a proxy, RwWORK2 is set to special missing .p. RwWORK2 is set to plain missing (.) for respondents who did not respond to the current wave.

Using a show card, ELSA asks respondents to identify all activities in which they have participated over the last month from the following list: paid work, self-employment, voluntary work, cared for sick or disabled adult, looked after home or family, attended a formal educational or training course, or none of

the above. Respondents who reported doing either paid work or self-employment over the last month were considered to be currently doing paid work. Respondents who did not report doing either paid work or self-employment were considered to be currently not doing paid work.

SwWORK indicates whether the respondent's spouse in the current wave is working for pay. It is taken from the spouse's values to RwWORK. SwWORK2 indicates whether the respondent's spouse in the current wave is working at a second job. It is taken from the spouse's values to RwWORK2. In addition to the special missing codes employed by RwWORK and RwWORK2, SwWORK and SwWORK2 employ additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

The HRS directly asks the respondents "are you doing any work for pay at the present time." Alternatively, ELSA asks the respondent to identify working for pay from a variety of employment activities. The time span of ELSA is specific to the last month, whereas the HRS refers to the present time. HRS also does not separate out working for pay and self-employment, whereas ELSA identifies these as two separate paid work activities.

HRS surveys the respondent about a second job by asking, "are you doing any other work for pay now, such as (another) business of your own, a second job, or the military reserve." Unlike the HRS, ELSA uses paid babysitting, mail order agent, or pool agent as examples of secondary work.

ELSA Variables Used

```
Wave 1 Core:
    ASKPX1         whether interviewed by proxy
    WPACT1         did you do any of these activities during the last month
    WPACT2         did you do any of these activities during the last month
    WPACT3         did you do any of these activities during the last month
    WPACT4         did you do any of these activities during the last month
    WPACT5         did you do any of these activities during the last month
    WPACT6         did you do any of these activities during the last month
    WPMOJ          do you currently earn any money from any work apart from
Wave 2 Core:
    ASKPX1         whether interviewed by proxy
    WPACT1         activities during the last month (1st mention)
    WPACT2         activities during the last month (2nd mention)
    WPACT3         activities during the last month (3rd mention)
    WPACT4         activities during the last month (4th mention)
    WPACT5         activities during the last month (5th mention)
    WPACT6         activities during the last month (6th mention)
    WPMOJ          earns money from [work apart from main job/any work done
Wave 3 Core:
    WPACT96        activities during last month: none of these
    WPACTCA        activities during last month: cared for someone
    WPACTED        activities during last month: attended a formal educatio
    WPACTLO        activities during last month: looked after home or famil
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPACTVW        activities during last month: voluntary work
    WPMOJ          do you earn money from [work apart from main job/work do
Wave 4 Core:
    ASKPX          whether respondent had an interview by proxy
    WPACT96        activities during last month: none of these
    WPACTCA        activities during last month: cared for someone
    WPACTED        activities during last month: attended a formal educatio
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    WPACTLO         activities during last month: looked after home or famil
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPACTVW         activities during last month: voluntary work
    WPMOJ           do you earn money from [work apart from main job/work do
Wave 5 Core:
    ASKPX           whether respondent had an interview by proxy
    WPACT96         activities during last month: none of these
    WPACTCA         activities during last month: cared for someone
    WPACTED         activities during last month: attended a formal educatio
    WPACTLO         activities during last month: looked after home or famil
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPACTVW         activities during last month: voluntary work
    WPMOJ           do you earn money from [work apart from main job/work do
Wave 6 Core:
    ASKPX           whether respondent had an interview by proxy
    WPACT96         activities during last month: none of these
    WPACTCA         activities during last month: cared for someone
    WPACTED         activities during last month: attended a formal educatio
    WPACTLO         activities during last month: looked after home or famil
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPACTVW         activities during last month: voluntary work
    WPMOJ           do you earn money from [work apart from main job/work do
Wave 7 Core:
    ASKPX           whether respondent had an interview by proxy
    WPACT96         activities during last month: none of these
    WPACTCA         activities during last month: cared for someone
    WPACTED         activities during last month: attended a formal educatio
    WPACTLO         activities during last month: looked after home or famil
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPMOJ           do you earn money from [work apart from main job/work do
```

Whether Self-Employed

Wave	Variable	Label	Type
1	R1SLFEMP	r1slfemp:w1 r Whether Self-Employed	Categ
2	R2SLFEMP	r2slfemp:w2 r Whether Self-Employed	Categ
3	R3SLFEMP	r3slfemp:w3 r Whether Self-Employed	Categ
4	R4SLFEMP	r4slfemp:w4 r Whether Self-Employed	Categ
5	R5SLFEMP	r5slfemp:w5 r Whether Self-Employed	Categ
6	R6SLFEMP	r6slfemp:w6 r Whether Self-Employed	Categ
7	R7SLFEMP	r7slfemp:w7 r Whether Self-Employed	Categ
1	S1SLFEMP	s1slfemp:w1 s Whether Self-Employed	Categ
2	S2SLFEMP	s2slfemp:w2 s Whether Self-Employed	Categ
3	S3SLFEMP	s3slfemp:w3 s Whether Self-Employed	Categ
4	S4SLFEMP	s4slfemp:w4 s Whether Self-Employed	Categ
5	S5SLFEMP	s5slfemp:w5 s Whether Self-Employed	Categ
6	S6SLFEMP	s6slfemp:w6 s Whether Self-Employed	Categ
7	S7SLFEMP	s7slfemp:w7 s Whether Self-Employed	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SLFEMP	12073	0.07	0.26	0.00	1.00
R2SLFEMP	9423	0.07	0.25	0.00	1.00
R3SLFEMP	9759	0.08	0.27	0.00	1.00
R4SLFEMP	11031	0.08	0.27	0.00	1.00
R5SLFEMP	10258	0.08	0.27	0.00	1.00
R6SLFEMP	10588	0.08	0.27	0.00	1.00
R7SLFEMP	9658	0.08	0.27	0.00	1.00
S1SLFEMP	8055	0.08	0.28	0.00	1.00
S2SLFEMP	6174	0.08	0.27	0.00	1.00
S3SLFEMP	6382	0.09	0.28	0.00	1.00
S4SLFEMP	7390	0.09	0.29	0.00	1.00
S5SLFEMP	6956	0.09	0.29	0.00	1.00
S6SLFEMP	7233	0.10	0.30	0.00	1.00
S7SLFEMP	6555	0.09	0.29	0.00	1.00

Categorical Variable Codes

Value	R1SLFEMP	R2SLFEMP	R3SLFEMP	R4SLFEMP	R5SLFEMP	R6SLFEMP	R7SLFEMP
.d:DK	7	5	7	10	10	10	7
.m:Missing			3				
.r:Refuse	19	4	2	9	6	3	1
0.Not self-employed	11186	8777	8998	10144	9447	9717	8880
1.Self-employed	887	646	761	887	811	871	778

Value	S1SLFEMP	S2SLFEMP	S3SLFEMP	S4SLFEMP	S5SLFEMP	S6SLFEMP	S7SLFEMP
.d:DK	5	3	3	6	5	7	5
.m:Missing			1				
.r:Refuse	10	1		6	3	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.Not self-employed	7389	5682	5818	6692	6311	6532	5939
1.Self-employed	666	492	564	698	645	701	616

How Constructed

RwSLFEMP is taken from an ELSA derived variable which identifies self-employed respondents based on several other ELSA employment questions including “are you self-employed in your main job” and “are you working for yourself.” RwSLFEMP has a value of 0 if the respondent is not self-employed and a value of 1 if the respondent is self-employed. Don’t know, refused, or other missing responses of RwSLFEMP are assigned special missing codes .d, .r, .m respectively. RwSLFEMP is set to plain missing (.) for respondents who did not respond to the current wave.

SwSLFEMP indicates whether the respondent’s spouse in the current wave is self-employed. It is taken from the spouse's values to RwSLFEMP. In addition to the special missing codes used in RwSLFEMP, SwSLFEMP employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Similar to the RAND HRS, RwSLFEMP in the Harmonized ELSA is derived from several survey questions including, “are you self-employed in your main job” and “are you working for yourself.” Differences exist between the questions used to derive RwSLFEMP in the RAND HRS and in the Harmonized ELSA. Refer to RAND HRS Codebook and ELSA documentation for further analysis of this difference.

ELSA Variables Used

```
Wave 1 Core:
    WPACT1         did you do any of these activities during the last month
    WPACT2         did you do any of these activities during the last month
    WPACT3         did you do any of these activities during the last month
    WPACT4         did you do any of these activities during the last month
    WPACT5         did you do any of these activities during the last month
    WPACT6         did you do any of these activities during the last month
    WPES           derived: 1=employee, 2=self-employed
    WPSTJ          is the job you had in last interview your main job?
Wave 2 Core:
    WPACT1         activities during the last month (1st mention)
    WPACT2         activities during the last month (2nd mention)
    WPACT3         activities during the last month (3rd mention)
    WPACT4         activities during the last month (4th mention)
    WPACT5         activities during the last month (5th mention)
    WPACT6         activities during the last month (6th mention)
    WPES           derived: employee or self-employed
    WPSTJ          is the job you had last time you were interviewed your m
Wave 3 Core:
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPES           derived: employee or self-employed
    WPSTJ          is the job you had last time you were interviewed [still
Wave 4 Core:
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPES           derived: employee or self-employed
    WPSTJ          is the job you had last time you were interviewed [still
Wave 5 Core:
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPES           derived: employee or self-employed
    WPSTJ          is the job you had last time you were interviewed [still
Wave 6 Core:
    WPACTPW        activities during last month: paid work
```

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    WPACTSE         activities during last month: self-employment
    WPES            derived: employee or self-employed
    WPSTJ           is the job you had last time you were interviewed [still
Wave 7 Core:
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPES            derived: employee or self-employed
    WPSTJ           is the job you had last time you were interviewed [still
```

Labor Force Status

Wave	Variable	Label	Type
1	R1LBRF_E	r1lbrf_e:w1 R labor force status	Categ
2	R2LBRF_E	r2lbrf_e:w2 R labor force status	Categ
3	R3LBRF_E	r3lbrf_e:w3 R labor force status	Categ
4	R4LBRF_E	r4lbrf_e:w4 R labor force status	Categ
5	R5LBRF_E	r5lbrf_e:w5 R labor force status	Categ
6	R6LBRF_E	r6lbrf_e:w6 R labor force status	Categ
7	R7LBRF_E	r7lbrf_e:w7 R labor force status	Categ
1	S1LBRF_E	s1lbrf_e:w1 S labor force status	Categ
2	S2LBRF_E	s2lbrf_e:w2 S labor force status	Categ
3	S3LBRF_E	s3lbrf_e:w3 S labor force status	Categ
4	S4LBRF_E	s4lbrf_e:w4 S labor force status	Categ
5	S5LBRF_E	s5lbrf_e:w5 S labor force status	Categ
6	S6LBRF_E	s6lbrf_e:w6 S labor force status	Categ
7	S7LBRF_E	s7lbrf_e:w7 S labor force status	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LBRF_E	12034	3.93	2.11	1.00	7.00
R2LBRF_E	9400	4.04	2.06	1.00	7.00
R3LBRF_E	9745	3.75	2.12	1.00	7.00
R4LBRF_E	11036	3.78	2.05	1.00	7.00
R5LBRF_E	10233	3.93	1.96	1.00	7.00
R6LBRF_E	10554	3.88	1.96	1.00	7.00
R7LBRF_E	9628	3.93	1.92	1.00	7.00
S1LBRF_E	8038	3.73	2.20	1.00	7.00
S2LBRF_E	6159	3.84	2.17	1.00	7.00
S3LBRF_E	6373	3.49	2.20	1.00	7.00
S4LBRF_E	7393	3.56	2.11	1.00	7.00
S5LBRF_E	6940	3.73	2.05	1.00	7.00
S6LBRF_E	7212	3.70	2.03	1.00	7.00
S7LBRF_E	6542	3.76	1.99	1.00	7.00

Categorical Variable Codes

Value	R1LBRF_E	R2LBRF_E	R3LBRF_E	R4LBRF_E	R5LBRF_E	R6LBRF_E	R7LBRF_E
.d:DK	6	1	2	4	4		
.m:Missing							1
.o:Other	55	30	22	2	33	45	37
.r:Refuse	4	1	2	8	4	2	
1.employed	3427	2452	3065	3253	2613	2766	2387
2.self-employed	696	524	623	733	646	688	639
3.unemployed	126	75	85	132	114	119	92
4.partly ret	78	49	37	61	57	45	34
5.retired	5715	4775	4580	5543	5676	5898	5624
6.disabled	790	539	539	592	515	497	370
7.looking after home or fam	1202	986	816	722	612	541	482

Value	S1LBRF_E	S2LBRF_E	S3LBRF_E	S4LBRF_E	S5LBRF_E	S6LBRF_E	S7LBRF_E
.d:DK	5		1	2	3		
.o:Other	23	18	12	1	18	28	18
.r:Refuse	4	1		6	3	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.employed	2678	1890	2389	2515	2074	2170	1850

2.self-employed	531	402	470	582	517	551	511
3.unemployed	70	43	47	80	68	71	45
4.partly ret	59	33	21	34	41	32	27
5.retired	3325	2749	2580	3333	3501	3696	3567
6.disabled	477	322	275	316	267	262	173
7.looking after home or fam	898	720	591	533	472	430	369

How Constructed

RwLBRF_E summarizes the labor force status for the respondent at each wave as employed, self-employed, unemployed, partly retired, retired, disabled, or looking after home or family. Don’t know, refused, or other missing responses of RwLBRF_E are assigned special missing codes .d, .r, .m respectively. If the respondent reports a labor force status outside of the categories of RwLBRF_E, a special missing value .o indicates another labor force status. RwLBRF_E is set to plain missing (.) for respondents who did not respond to the current wave.

RwLBRF_E is determined by a direct question to the respondent asking “which of these, would you say, best describes your situation." The respondent is then shown a card with the above set of labor force statuses and asked to choose one.

SwLBRF_E summarizes the labor force status for the respondent's spouse or partner. It is taken from the spouse's values to RwLBRF_E. In addition to the missing codes used by RwLBRF_E, SwLBRF_E employs two additional special missing values, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, ELSA asks the respondent directly which labor status best describes their situation. RwLBRF in the RAND HRS is based on a combination of HRS survey questions which allow the respondent to identify his or herself with different labor statuses independently of each other.

Because of the differences in surveys and derivations, RwLBRF_E uses a slightly different set of categories than RwLBRF in the RAND HRS. Of particular note is the inclusion of self-employment and looking after home/family as separate statuses. Also of note is that RwLBRF_E does not separate out full-time and part-time work as different categories.

ELSA Variables Used

```
Wave 1 Core:
    WPDES          which one of these would you say best describes your cur
Wave 2 Core:
    WPDES          best description of current situation
Wave 3 Core:
    WPDES          best description of current situation
Wave 4 Core:
    WPDES          best description of current situation
Wave 5 Core:
    WPDES          best description of current situation
Wave 6 Core:
    WPDES          best description of current situation
Wave 7 Core:
    WPDES          best description of current situation
```

In The Labor Force

Wave	Variable	Label	Type
1	R1INLBRF	r1inlbrf:W1 =1 if r is in the labor force	Categ
2	R2INLBRF	r2inlbrf:W2 =1 if r is in the labor force	Categ
3	R3INLBRF	r3inlbrf:W3 =1 if r is in the labor force	Categ
4	R4INLBRF	r4inlbrf:W4 =1 if r is in the labor force	Categ
5	R5INLBRF	r5inlbrf:W5 =1 if r is in the labor force	Categ
6	R6INLBRF	r6inlbrf:W6 =1 if r is in the labor force	Categ
7	R7INLBRF	r7inlbrf:W7 =1 if r is in the labor force	Categ
1	S1INLBRF	s1inlbrf:W1 =1 if s is in the labor force	Categ
2	S2INLBRF	s2inlbrf:W2 =1 if s is in the labor force	Categ
3	S3INLBRF	s3inlbrf:W3 =1 if s is in the labor force	Categ
4	S4INLBRF	s4inlbrf:W4 =1 if s is in the labor force	Categ
5	S5INLBRF	s5inlbrf:W5 =1 if s is in the labor force	Categ
6	S6INLBRF	s6inlbrf:W6 =1 if s is in the labor force	Categ
7	S7INLBRF	s7inlbrf:W7 =1 if s is in the labor force	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1INLBRF	12034	0.36	0.48	0.00	1.00
R2INLBRF	9400	0.33	0.47	0.00	1.00
R3INLBRF	9745	0.39	0.49	0.00	1.00
R4INLBRF	11036	0.38	0.49	0.00	1.00
R5INLBRF	10233	0.34	0.47	0.00	1.00
R6INLBRF	10554	0.34	0.47	0.00	1.00
R7INLBRF	9628	0.33	0.47	0.00	1.00
S1INLBRF	8038	0.42	0.49	0.00	1.00
S2INLBRF	6159	0.38	0.49	0.00	1.00
S3INLBRF	6373	0.46	0.50	0.00	1.00
S4INLBRF	7393	0.43	0.50	0.00	1.00
S5INLBRF	6940	0.39	0.49	0.00	1.00
S6INLBRF	7212	0.39	0.49	0.00	1.00
S7INLBRF	6542	0.37	0.48	0.00	1.00

Categorical Variable Codes

Value	R1INLBRF	R2INLBRF	R3INLBRF	R4INLBRF	R5INLBRF	R6INLBRF	R7INLBRF
.d:DK	6	1	2	4	4		
.m:Missing							1
.o:Other	55	30	22	2	33	45	37
.r:Refuse	4	1	2	8	4	2	
0.no	7707	6300	5935	6857	6803	6936	6476
1.yes	4327	3100	3810	4179	3430	3618	3152

Value	S1INLBRF	S2INLBRF	S3INLBRF	S4INLBRF	S5INLBRF	S6INLBRF	S7INLBRF
.d:DK	5		1	2	3		
.o:Other	23	18	12	1	18	28	18
.r:Refuse	4	1		6	3	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	4700	3791	3446	4182	4240	4388	4109
1.yes	3338	2368	2927	3211	2700	2824	2433

How Constructed

RwINLBRF is an indicator for whether the respondent considered himself/herself as part of the labor force. This definition includes those who are working for pay and those who are not working but actively seeking work as part of the labor force. This variable is derived by using the question "which of these, would you say, best describes your situation." A value of 1 is assigned if the respondent describes his/her working status as employed, self-employed, unemployed or partly retired, to indicate being in the labor force. A value of 0 is assigned if the respondent describes his/her working status as retired, disabled, or looking after home or family, to indicate not being in the labor force. If the respondent reports a labor force status outside of the categories of RwINLBRF, a special missing value .o indicates another labor force status. Don’t know, refused, or other missing responses of RwINLBRF are assigned special missing codes .d, .r, .m, respectively. RwINLBRF is set to plain missing (.) for respondents who did not respond to the current wave.

SwINLBRF summarizes the labor force status for the respondent's spouse or partner. It is taken from the spouse's values to RwINLBRF. In addition to the special missing codes employed by RwINLBRF, SwINLBRF employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, ELSA asks the respondent directly which labor force status best describes their situation.

ELSA Variables Used

```
Wave 1 Core:
    WPDES          which one of these would you say best describes your cur
Wave 2 Core:
    WPDES          best description of current situation
Wave 3 Core:
    WPDES          best description of current situation
Wave 4 Core:
    WPDES          best description of current situation
Wave 5 Core:
    WPDES          best description of current situation
Wave 6 Core:
    WPDES          best description of current situation
Wave 7 Core:
    WPDES          best description of current situation
```

Unemployed

Wave	Variable	Label	Type
1	R1UNEMP	r1unemp:w1 =1 if r is unemployed	Categ
2	R2UNEMP	r2unemp:w2 =1 if r is unemployed	Categ
3	R3UNEMP	r3unemp:w3 =1 if r is unemployed	Categ
4	R4UNEMP	r4unemp:w4 =1 if r is unemployed	Categ
5	R5UNEMP	r5unemp:w5 =1 if r is unemployed	Categ
6	R6UNEMP	r6unemp:w6 =1 if r is unemployed	Categ
7	R7UNEMP	r7unemp:w7 =1 if r is unemployed	Categ
1	S1UNEMP	s1unemp:w1 =1 if s is unemployed	Categ
2	S2UNEMP	s2unemp:w2 =1 if s is unemployed	Categ
3	S3UNEMP	s3unemp:w3 =1 if s is unemployed	Categ
4	S4UNEMP	s4unemp:w4 =1 if s is unemployed	Categ
5	S5UNEMP	s5unemp:w5 =1 if s is unemployed	Categ
6	S6UNEMP	s6unemp:w6 =1 if s is unemployed	Categ
7	S7UNEMP	s7unemp:w7 =1 if s is unemployed	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1UNEMP	4327	0.03	0.17	0.00	1.00
R2UNEMP	3100	0.02	0.15	0.00	1.00
R3UNEMP	3810	0.02	0.15	0.00	1.00
R4UNEMP	4179	0.03	0.17	0.00	1.00
R5UNEMP	3430	0.03	0.18	0.00	1.00
R6UNEMP	3618	0.03	0.18	0.00	1.00
R7UNEMP	3152	0.03	0.17	0.00	1.00
S1UNEMP	3338	0.02	0.14	0.00	1.00
S2UNEMP	2368	0.02	0.13	0.00	1.00
S3UNEMP	2927	0.02	0.13	0.00	1.00
S4UNEMP	3211	0.02	0.16	0.00	1.00
S5UNEMP	2700	0.03	0.16	0.00	1.00
S6UNEMP	2824	0.03	0.16	0.00	1.00
S7UNEMP	2433	0.02	0.13	0.00	1.00

Categorical Variable Codes

Value	R1UNEMP	R2UNEMP	R3UNEMP	R4UNEMP	R5UNEMP	R6UNEMP	R7UNEMP
.d:DK	6	1	2	4	4		
.m:Missing							1
.o:Other	55	30	22	2	33	45	37
.r:Refuse	4	1	2	8	4	2	
.x:Not in the labor force	7707	6300	5935	6857	6803	6936	6476
0.no	4201	3025	3725	4047	3316	3499	3060
1.yes	126	75	85	132	114	119	92

Value	S1UNEMP	S2UNEMP	S3UNEMP	S4UNEMP	S5UNEMP	S6UNEMP	S7UNEMP
.d:DK	5		1	2	3		
.o:Other	23	18	12	1	18	28	18
.r:Refuse	4	1		6	3	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
.x:Not in the labor force	4700	3791	3446	4182	4240	4388	4109
0.no	3268	2325	2880	3131	2632	2753	2388
1.yes	70	43	47	80	68	71	45

How Constructed

RwUNEMP is an indicator for whether the respondent considered himself/herself as unemployed. This definition considers those who are not working but actively seeking work as unemployed. This variable is derived by using the question "which of these, would you say, best describes your situation." If the respondent describes his/her working status as employed, self-employed or partly retired, then RwUNEMP is set to be employed and a value of 0 is assigned. If the respondent describes his/her working status as unemployed, then a value of 1 is assigned. Special missing .x is assigned to respondents who are not working for pay or are not in the labor force. If the respondent reports a labor force status outside of the categories of RwUNEMP, a special missing value .o indicates another labor force status. Don’t know, refused, or other missing responses of RwUNEMP are assigned special missing codes .d, .r, .m, respectively. RwUNEMP is set to plain missing (.) for respondents who did not respond to the current wave.

SwUNEMP indicates if the respondent's spouse or partner is considered unemployed. The values are taken from the spouse's values to RwUNEMP. In addition to the special missing values used in RwUNEMP, SwUNEMP employs two additional special missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, ELSA asks the respondent directly which labor force status best describes their situation.

ELSA Variables Used

```
Wave 1 Core:
    WPDES          which one of these would you say best describes your cur
Wave 2 Core:
    WPDES          best description of current situation
Wave 3 Core:
    WPDES          best description of current situation
Wave 4 Core:
    WPDES          best description of current situation
Wave 5 Core:
    WPDES          best description of current situation
Wave 6 Core:
    WPDES          best description of current situation
Wave 7 Core:
    WPDES          best description of current situation
```

Hours of Work Per Week at Current Job

Wave	Variable	Label	Type
1	R1JHOURS	r1jhours:w1 r Hours worked/week main job	Cont
2	R2JHOURS	r2jhours:w2 r Hours worked/week main job	Cont
3	R3JHOURS	r3jhours:w3 r Hours worked/week main job	Cont
4	R4JHOURS	r4jhours:w4 r Hours worked/week main job	Cont
5	R5JHOURS	r5jhours:w5 r Hours worked/week main job	Cont
6	R6JHOURS	r6jhours:w6 r Hours worked/week main job	Cont
7	R7JHOURS	r7jhours:w7 r Hours worked/week main job	Cont
1	S1JHOURS	s1jhours:w1 s Hours worked/week main job	Cont
2	S2JHOURS	s2jhours:w2 s Hours worked/week main job	Cont
3	S3JHOURS	s3jhours:w3 s Hours worked/week main job	Cont
4	S4JHOURS	s4jhours:w4 s Hours worked/week main job	Cont
5	S5JHOURS	s5jhours:w5 s Hours worked/week main job	Cont
6	S6JHOURS	s6jhours:w6 s Hours worked/week main job	Cont
7	S7JHOURS	s7jhours:w7 s Hours worked/week main job	Cont
1	R1JHOUR2_E	r1jhour2_e:w1 r Hours worked/week 2nd job	Cont
2	R2JHOUR2_E	r2jhour2_e:w2 r Hours worked/week 2nd job	Cont
3	R3JHOUR2_E	r3jhour2_e:w3 r Hours worked/week 2nd job	Cont
4	R4JHOUR2_E	r4jhour2_e:w4 r Hours worked/week 2nd job	Cont
5	R5JHOUR2_E	r5jhour2_e:w5 r Hours worked/week 2nd job	Cont
6	R6JHOUR2_E	r6jhour2_e:w6 r Hours worked/week 2nd job	Cont
7	R7JHOUR2_E	r7jhour2_e:w7 r Hours worked/week 2nd job	Cont
1	S1JHOUR2_E	s1jhour2_e:w1 s Hours worked/week 2nd job	Cont
2	S2JHOUR2_E	s2jhour2_e:w2 s Hours worked/week 2nd job	Cont
3	S3JHOUR2_E	s3jhour2_e:w3 s Hours worked/week 2nd job	Cont
4	S4JHOUR2_E	s4jhour2_e:w4 s Hours worked/week 2nd job	Cont
5	S5JHOUR2_E	s5jhour2_e:w5 s Hours worked/week 2nd job	Cont
6	S6JHOUR2_E	s6jhour2_e:w6 s Hours worked/week 2nd job	Cont
7	S7JHOUR2_E	s7jhour2_e:w7 s Hours worked/week 2nd job	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JHOURS	4505	34.51	16.21	1.00	168.00
R2JHOURS	3218	32.95	15.18	1.00	150.00
R3JHOURS	3898	33.93	15.17	1.00	168.00
R4JHOURS	4005	32.86	14.86	1.00	112.00
R5JHOURS	3211	32.00	15.53	1.00	168.00
R6JHOURS	3457	32.18	15.52	1.00	168.00
R7JHOURS	3018	31.48	14.98	1.00	168.00
S1JHOURS	3499	34.65	16.27	1.00	168.00
S2JHOURS	2468	32.91	15.14	1.00	150.00
S3JHOURS	3008	34.15	15.02	1.00	150.00
S4JHOURS	3042	33.20	14.74	1.00	112.00
S5JHOURS	2490	32.30	15.48	1.00	126.00
S6JHOURS	2679	32.14	15.75	1.00	168.00
S7JHOURS	2310	31.29	14.92	1.00	90.00
R1JHOUR2_E	343	5.53	5.84	0.23	48.00
R2JHOUR2_E	250	5.99	8.31	0.23	64.62
R3JHOUR2_E	276	5.52	6.31	0.23	46.16
R4JHOUR2_E	296	5.36	7.04	0.23	60.00
R5JHOUR2_E	238	5.87	7.94	0.23	57.70

R6JHOUR2_E	262	5.33	6.77	0.23	50.77
R7JHOUR2_E	215	5.16	6.18	0.23	46.16
S1JHOUR2_E	268	5.58	6.04	0.23	48.00
S2JHOUR2_E	186	5.70	7.76	0.23	64.62
S3JHOUR2_E	211	5.73	6.63	0.23	46.16
S4JHOUR2_E	215	4.89	6.85	0.23	60.00
S5JHOUR2_E	170	5.42	7.00	0.23	55.39
S6JHOUR2_E	188	5.25	6.14	0.23	41.54
S7JHOUR2_E	157	5.61	6.88	0.23	46.16

How Constructed

RwJHOURS is the usual number of hours per week the respondent works at his/her main job, excluding meal breaks and including paid overtime.

RwJHOUR2_E is the usual number of hours per week the respondent works at a second job. RwJHOUR2_E is derived by taking the number of hours spent each month on a second job and expressing it as a weekly equivalent.

If the respondent is working for pay then he/she is asked how many hours per week he/she usually works at the main job. Don’t know, refused, or other missing responses of RwJHOURS and RwJHOUR2_E are assigned special missing codes .d, .r, .m respectively. If the respondent's survey was conducted with a proxy, RwJHOURS and RwJHOUR2_E are set to special missing .p. If the respondent is not working, they are set to a .w missing code. RwJHOURS and RwJHOUR2_E are set to plain missing (.) for respondents who did not respond to the current wave.

SwJHOURS is the number of hours the respondent’s spouse in the current wave works at their main job. It is taken from the spouse's values to RwJHOURS. SwJHOUR2_E is the number of hours the respondent’s spouse in the current wave works at their second job. It is taken from the spouse's values to RwJHOUR2. In addition to the special missing codes employed by RwJHOURS and RwJHOUR2_E, SwJHOURS and SwJHOUR2_E employ two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, ELSA did not directly survey the average number of hours a week a respondent spends at their second job. Instead, ELSA surveys the average number of hours a month a respondent spends at their second job. Unlike RwJHOUR2 in the RAND HRS, RwJHOUR2_E is based on a monthly-equivalent expressed as a weekly equivalent.

ELSA Variables Used

Wave 1 Core:

ASKPX1	whether interviewed by proxy
WPACT1	did you do any of these activities during the last month
WPACT2	did you do any of these activities during the last month
WPACT3	did you do any of these activities during the last month
WPACT4	did you do any of these activities during the last month
WPACT5	did you do any of these activities during the last month
WPACT6	did you do any of these activities during the last month
WPES	derived: 1=employee, 2=self-employed
WPHJOB	how many hours a week do you usually work in this job, e
WPHMSJ	how many hours do you usually work a month in these jobs
WPHWRK	how many hours a week do you usually work in your curren
WPMOJ	do you currently earn any money from any work apart from

Wave 2 Core:

ASKPX1	whether interviewed by proxy
WPACT1	activities during the last month (1st mention)
WPACT2	activities during the last month (2nd mention)
WPACT3	activities during the last month (3rd mention)
WPACT4	activities during the last month (4th mention)
WPACT5	activities during the last month (5th mention)
WPACT6	activities during the last month (6th mention)
WPES	derived: employee or self-employed
WPHJOB	hours worked per week in this job (exc. meal breaks, inc
WPHMSJ	hours a month usually worked in these jobs (exc meal bre
WPHWRK	hours worked per week in current job (inc. doing the boo
WPMOJ	earns money from [work apart from main job/any work done

Wave 3 Core:

ASKPX	whether respondent had a proxy interview
WPACTPW	activities during last month: paid work
WPACTSE	activities during last month: self-employment
WPES	derived: employee or self-employed
WPHJOB	hours worked per week in this job (exc. meal breaks, inc
WPHMSJ	how many hrs a mnth usually worked in these jobs (exc me
WPHWRK	hours worked per week inc. doing the books, vat etc. (se
WPMOJ	do you earn money from [work apart from main job/work do

Wave 4 Core:

ASKPX	whether respondent had an interview by proxy
WPACTPW	activities during last month: paid work
WPACTSE	activities during last month: self-employment
WPES	derived: employee or self-employed
WPHJOB	hours worked per week in this job (exc. meal breaks, inc
WPHMSJ	how many hrs a mnth usually worked in these jobs (exc me
WPHWRK	hours worked per week inc. doing the books, vat etc. (se
WPMOJ	do you earn money from [work apart from main job/work do

Wave 5 Core:

ASKPX	whether respondent had an interview by proxy
WPACTPW	activities during last month: paid work
WPACTSE	activities during last month: self-employment
WPES	derived: employee or self-employed
WPHJOB	hours worked per week in this job (exc. meal breaks, inc
WPHMSJ	how many hrs a mnth usually worked in these jobs (exc me
WPHWRK	hours worked per week inc. doing the books, vat etc. (se
WPMOJ	do you earn money from [work apart from main job/work do

Wave 6 Core:

ASKPX	whether respondent had an interview by proxy
WPACTPW	activities during last month: paid work
WPACTSE	activities during last month: self-employment
WPES	derived: employee or self-employed
WPHJOB	hours worked per week in this job (exc. meal breaks, inc
WPHMSJ	how many hrs a mnth usually worked in these jobs (exc me
WPHWRK	hours worked per week inc. doing the books, vat etc. (se
WPMOJ	do you earn money from [work apart from main job/work do

Wave 7 Core:

ASKPX	whether respondent had an interview by proxy
WPACTPW	activities during last month: paid work
WPACTSE	activities during last month: self-employment
WPES	derived: employee or self-employed
WPHJOB	hours worked per week in this job (exc. meal breaks, inc
WPHMSJ	how many hrs a mnth usually worked in these jobs (exc me
WPHWRK	hours worked per week inc. doing the books, vat etc. (se
WPMOJ	do you earn money from [work apart from main job/work do

Weeks Worked Per Year at Job

Wave	Variable	Label	Type
1	R1JWEEKS_E	r1jweeks_e:w1 r Weeks worked/year	Cont
2	R2JWEEKS_E	r2jweeks_e:w2 r Weeks worked/year	Cont
3	R3JWEEKS_E	r3jweeks_e:w3 r Weeks worked/year	Cont
4	R4JWEEKS_E	r4jweeks_e:w4 r Weeks worked/year	Cont
5	R5JWEEKS_E	r5jweeks_e:w5 r Weeks worked/year	Cont
6	R6JWEEKS_E	r6jweeks_e:w6 r Weeks worked/year	Cont
7	R7JWEEKS_E	r7jweeks_e:w7 r Weeks worked/year	Cont
1	S1JWEEKS_E	s1jweeks_e:w1 s Weeks worked/year	Cont
2	S2JWEEKS_E	s2jweeks_e:w2 s Weeks worked/year	Cont
3	S3JWEEKS_E	s3jweeks_e:w3 s Weeks worked/year	Cont
4	S4JWEEKS_E	s4jweeks_e:w4 s Weeks worked/year	Cont
5	S5JWEEKS_E	s5jweeks_e:w5 s Weeks worked/year	Cont
6	S6JWEEKS_E	s6jweeks_e:w6 s Weeks worked/year	Cont
7	S7JWEEKS_E	s7jweeks_e:w7 s Weeks worked/year	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JWEEKS_E	4848	47.43	11.30	1.00	52.00
R2JWEEKS_E	3463	47.53	11.18	1.00	52.00
R3JWEEKS_E	4120	48.50	9.87	1.00	52.00
R4JWEEKS_E	4257	47.83	10.79	1.00	52.00
R5JWEEKS_E	3478	46.79	12.15	1.00	52.00
R6JWEEKS_E	3722	46.78	12.39	1.00	52.00
R7JWEEKS_E	3225	47.44	11.43	1.00	52.00
S1JWEEKS_E	3747	47.63	11.14	1.00	52.00
S2JWEEKS_E	2655	47.75	10.98	1.00	52.00
S3JWEEKS_E	3165	48.71	9.65	1.00	52.00
S4JWEEKS_E	3225	47.95	10.75	1.00	52.00
S5JWEEKS_E	2697	46.80	12.09	1.00	52.00
S6JWEEKS_E	2872	47.01	12.10	1.00	52.00
S7JWEEKS_E	2469	47.49	11.48	1.00	52.00

How Constructed

RwJWEEKS_E is the number of weeks the respondent was employed during the last 12 months, counting paid vacation as weeks worked.

If the respondent is working for pay then he/she is asked how many weeks per year he/she usually works at the main job. Don’t know, refused, or other missing responses of RwJWEEKS_E are assigned special missing codes .d, .r, .m, respectively. If the respondent's survey was conducted with a proxy, RwJWEEKS_E is set to special missing .p. If the respondent is not working, it is set to a .w missing code. RwJWEEKS_E is set to plain missing (.) for respondents who did not respond to the current wave.

SwJWEEKS_E is the number of weeks the respondent’s spouse in the current wave was employed during the last 12 months. It is taken from the spouse's values to RwJWEEKS_E. In addition to the special missing codes employed by RwJWEEKS_E, SwJWEEKS_E employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

RwJWEEKS_E is different from the RAND HRS' RwJWEEKS in two ways. Unlike the HRS, ELSA does not ask the number of weeks worked per year in relation to a specific job (main or second), instead ELSA asks the questions more generally about any employment. ELSA also does not ask respondents to report an average, but instead surveys the exact number of weeks over the past 12 months.

ELSA Variables Used

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Wave 1 Core:
    ASKPX1         whether interviewed by proxy
    WPACT1         did you do any of these activities during the last month
    WPACT2         did you do any of these activities during the last month
    WPACT3         did you do any of these activities during the last month
    WPACT4         did you do any of these activities during the last month
    WPACT5         did you do any of these activities during the last month
    WPACT6         did you do any of these activities during the last month
    WPES           derived: 1=employee, 2=self-employed
    WPWLYM         how many weeks were you in employment or self-employment
Wave 2 Core:
    ASKPX1         whether interviewed by proxy
    WPACT1         activities during the last month (1st mention)
    WPACT2         activities during the last month (2nd mention)
    WPACT3         activities during the last month (3rd mention)
    WPACT4         activities during the last month (4th mention)
    WPACT5         activities during the last month (5th mention)
    WPACT6         activities during the last month (6th mention)
    WPES           derived: employee or self-employed
    WPWLYM         weeks in employment or self-employment in last 12 months
Wave 3 Core:
    ASKPX          whether respondent had a proxy interview
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPWLYM         weeks in employment or self-employment in last 12 months
Wave 4 Core:
    ASKPX          whether respondent had an interview by proxy
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPWLYM         weeks in employment or self-employment in last 12 months
Wave 5 Core:
    ASKPX          whether respondent had an interview by proxy
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPWLYM         weeks in employment or self-employment in last 12 months
Wave 6 Core:
    ASKPX          whether respondent had an interview by proxy
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPWLYM         weeks in employment or self-employment in last 12 months
Wave 7 Core:
    ASKPX          whether respondent had an interview by proxy
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPWLYM         weeks in employment or self-employment in last 12 months
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Wage Rate

Wave	Variable	Label	Type
1	R1WGIHR_E	r1wgihr_e:w1 r Imputed Wage Rate-Hrly	Cont
2	R2WGIHR_E	r2wgihr_e:w2 r Imputed Wage Rate-Hrly	Cont
3	R3WGIHR_E	r3wgihr_e:w3 r Imputed Wage Rate-Hrly	Cont
4	R4WGIHR_E	r4wgihr_e:w4 r Imputed Wage Rate-Hrly	Cont
5	R5WGIHR_E	r5wgihr_e:w5 r Imputed Wage Rate-Hrly	Cont
6	R6WGIHR_E	r6wgihr_e:w6 r Imputed Wage Rate-Hrly	Cont
7	R7WGIHR_E	r7wgihr_e:w7 r Imputed Wage Rate-Hrly	Cont
1	S1WGIHR_E	s1wgihr_e:w1 s Imputed Wage Rate-Hrly	Cont
2	S2WGIHR_E	s2wgihr_e:w2 s Imputed Wage Rate-Hrly	Cont
3	S3WGIHR_E	s3wgihr_e:w3 s Imputed Wage Rate-Hrly	Cont
4	S4WGIHR_E	s4wgihr_e:w4 s Imputed Wage Rate-Hrly	Cont
5	S5WGIHR_E	s5wgihr_e:w5 s Imputed Wage Rate-Hrly	Cont
6	S6WGIHR_E	s6wgihr_e:w6 s Imputed Wage Rate-Hrly	Cont
7	S7WGIHR_E	s7wgihr_e:w7 s Imputed Wage Rate-Hrly	Cont
1	R1WGIWK_E	r1wgiwk_e:w1 r Imputed Wage Rate-Wkly	Cont
2	R2WGIWK_E	r2wgiwk_e:w2 r Imputed Wage Rate-Wkly	Cont
3	R3WGIWK_E	r3wgiwk_e:w3 r Imputed Wage Rate-Wkly	Cont
4	R4WGIWK_E	r4wgiwk_e:w4 r Imputed Wage Rate-Wkly	Cont
5	R5WGIWK_E	r5wgiwk_e:w5 r Imputed Wage Rate-Wkly	Cont
6	R6WGIWK_E	r6wgiwk_e:w6 r Imputed Wage Rate-Wkly	Cont
7	R7WGIWK_E	r7wgiwk_e:w7 r Imputed Wage Rate-Wkly	Cont
1	S1WGIWK_E	s1wgiwk_e:w1 s Imputed Wage Rate-Wkly	Cont
2	S2WGIWK_E	s2wgiwk_e:w2 s Imputed Wage Rate-Wkly	Cont
3	S3WGIWK_E	s3wgiwk_e:w3 s Imputed Wage Rate-Wkly	Cont
4	S4WGIWK_E	s4wgiwk_e:w4 s Imputed Wage Rate-Wkly	Cont
5	S5WGIWK_E	s5wgiwk_e:w5 s Imputed Wage Rate-Wkly	Cont
6	S6WGIWK_E	s6wgiwk_e:w6 s Imputed Wage Rate-Wkly	Cont
7	S7WGIWK_E	s7wgiwk_e:w7 s Imputed Wage Rate-Wkly	Cont
1	R1WGFHR_E	r1wgfhr_e:w1 r Impute Flag Wage Rate-Hrly	Categ
2	R2WGFHR_E	r2wgfhr_e:w2 r Impute Flag Wage Rate-Hrly	Categ
3	R3WGFHR_E	r3wgfhr_e:w3 r Impute Flag Wage Rate-Hrly	Categ
4	R4WGFHR_E	r4wgfhr_e:w4 r Impute Flag Wage Rate-Hrly	Categ
5	R5WGFHR_E	r5wgfhr_e:w5 r Impute Flag Wage Rate-Hrly	Categ
6	R6WGFHR_E	r6wgfhr_e:w6 r Impute Flag Wage Rate-Hrly	Categ
7	R7WGFHR_E	r7wgfhr_e:w7 r Impute Flag Wage Rate-Hrly	Categ
1	S1WGFHR_E	s1wgfhr_e:w1 s Impute Flag Wage Rate-Hrly	Categ
2	S2WGFHR_E	s2wgfhr_e:w2 s Impute Flag Wage Rate-Hrly	Categ
3	S3WGFHR_E	s3wgfhr_e:w3 s Impute Flag Wage Rate-Hrly	Categ
4	S4WGFHR_E	s4wgfhr_e:w4 s Impute Flag Wage Rate-Hrly	Categ
5	S5WGFHR_E	s5wgfhr_e:w5 s Impute Flag Wage Rate-Hrly	Categ
6	S6WGFHR_E	s6wgfhr_e:w6 s Impute Flag Wage Rate-Hrly	Categ
7	S7WGFHR_E	s7wgfhr_e:w7 s Impute Flag Wage Rate-Hrly	Categ
1	R1WGFWK_E	r1wgfwk_e:w1 r Impute Flag Wage Rate-Wkly	Categ
2	R2WGFWK_E	r2wgfwk_e:w2 r Impute Flag Wage Rate-Wkly	Categ
3	R3WGFWK_E	r3wgfwk_e:w3 r Impute Flag Wage Rate-Wkly	Categ
4	R4WGFWK_E	r4wgfwk_e:w4 r Impute Flag Wage Rate-Wkly	Categ
5	R5WGFWK_E	r5wgfwk_e:w5 r Impute Flag Wage Rate-Wkly	Categ
6	R6WGFWK_E	r6wgfwk_e:w6 r Impute Flag Wage Rate-Wkly	Categ
7	R7WGFWK_E	r7wgfwk_e:w7 r Impute Flag Wage Rate-Wkly	Categ
1	S1WGFWK_E	s1wgfwk_e:w1 s Impute Flag Wage Rate-Wkly	Categ

2	S2WGFWK_E	s2wgfwk_e:w2 s	Impute Flag Wage Rate-Wkly	Categ
3	S3WGFWK_E	s3wgfwk_e:w3 s	Impute Flag Wage Rate-Wkly	Categ
4	S4WGFWK_E	s4wgfwk_e:w4 s	Impute Flag Wage Rate-Wkly	Categ
5	S5WGFWK_E	s5wgfwk_e:w5 s	Impute Flag Wage Rate-Wkly	Categ
6	S6WGFWK_E	s6wgfwk_e:w6 s	Impute Flag Wage Rate-Wkly	Categ
7	S7WGFWK_E	s7wgfwk_e:w7 s	Impute Flag Wage Rate-Wkly	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WGIHR_E	12017	2.20	5.97	0.00	365.00
R2WGIHR_E	9370	2.31	7.19	0.00	370.44
R3WGIHR_E	9652	2.97	8.18	0.00	461.89
R4WGIHR_E	10744	2.98	9.44	0.00	393.53
R5WGIHR_E	9947	2.77	12.59	0.00	712.24
R6WGIHR_E	10319	2.70	6.78	0.00	216.35
R7WGIHR_E	9410	2.90	13.50	0.00	653.85
S1WGIHR_E	8009	2.65	6.85	0.00	365.00
S2WGIHR_E	6128	2.75	8.12	0.00	370.44
S3WGIHR_E	6329	3.57	7.63	0.00	182.00
S4WGIHR_E	7183	3.29	8.98	0.00	393.53
S5WGIHR_E	6733	3.15	11.59	0.00	462.12
S6WGIHR_E	7048	3.06	6.92	0.00	166.28
S7WGIHR_E	6376	3.23	13.21	0.00	653.85
R1WGIWK_E	12099	73.01	149.48	0.00	1847.58
R2WGIWK_E	9432	72.84	173.34	0.00	4884.89
R3WGIWK_E	9720	96.92	197.99	0.00	3518.94
R4WGIWK_E	10982	94.77	197.50	0.00	3926.10
R5WGIWK_E	10202	83.33	190.80	0.00	4785.22
R6WGIWK_E	10526	88.45	194.99	0.00	2309.47
R7WGIWK_E	9602	85.98	202.28	0.00	3846.15
S1WGIWK_E	8070	87.16	160.87	0.00	1847.58
S2WGIWK_E	6178	85.76	180.08	0.00	4884.89
S3WGIWK_E	6386	117.46	216.33	0.00	3518.94
S4WGIWK_E	7402	108.92	210.65	0.00	3926.10
S5WGIWK_E	6964	97.89	205.37	0.00	4785.22
S6WGIWK_E	7242	101.84	207.64	0.00	2309.47
S7WGIWK_E	6560	97.86	216.19	0.00	3846.15
R1WGFHR_E	12099	4.56	2.32	1.00	11.00
R2WGFHR_E	9432	4.68	2.26	1.00	11.00
R3WGFHR_E	9771	4.50	2.40	1.00	11.00
R4WGFHR_E	11050	4.74	2.45	1.00	11.00
R5WGFHR_E	10274	4.98	2.36	1.00	11.00
R6WGFHR_E	10601	4.90	2.35	1.00	11.00
R7WGFHR_E	9666	4.98	2.31	1.00	11.00
S1WGFHR_E	8070	4.31	2.43	1.00	11.00
S2WGFHR_E	6178	4.45	2.38	1.00	11.00
S3WGFHR_E	6386	4.18	2.47	1.00	11.00
S4WGFHR_E	7402	4.57	2.55	1.00	11.00
S5WGFHR_E	6964	4.82	2.47	1.00	11.00
S6WGFHR_E	7242	4.75	2.44	1.00	11.00
S7WGFHR_E	6560	4.85	2.40	1.00	11.00
R1WGFWK_E	12099	4.51	2.27	1.00	7.00
R2WGFWK_E	9432	4.63	2.22	1.00	7.00
R3WGFWK_E	9771	4.44	2.34	1.00	10.00
R4WGFWK_E	11050	4.54	2.30	1.00	10.00

R5WGFWK_E	10274	4.75	2.20	1.00	10.00
R6WGFWK_E	10601	4.73	2.22	1.00	10.00
R7WGFWK_E	9666	4.79	2.17	1.00	10.00
S1WGFWK_E	8070	4.25	2.37	1.00	7.00
S2WGFWK_E	6178	4.38	2.33	1.00	7.00
S3WGFWK_E	6386	4.11	2.40	1.00	6.00
S4WGFWK_E	7402	4.30	2.34	1.00	7.00
S5WGFWK_E	6964	4.51	2.26	1.00	7.00
S6WGFWK_E	7242	4.51	2.26	1.00	7.00
S7WGFWK_E	6560	4.60	2.22	1.00	7.00

Categorical Variable Codes

Value	R1WGFHR_E	R2WGFHR_E	R3WGFHR_E	R4WGFHR_E	R5WGFHR_E	R6WGFHR_E	R7WGFHR_E
1.continuous value	3470	2483	2955	2993	2358	2531	2166
2.closed range bracket	78	54	80	72	52	59	59
3.open range bracket	9	6	6	12	6	10	4
5.no value/bracket	125	66	129	144	101	100	96
6.no income	8332	6760	6482	7518	7425	7618	7084
7.dk	3	1		5	5	1	1
11.missing hours worked	82	62	119	306	327	282	256

Value	S1WGFHR_E	S2WGFHR_E	S3WGFHR_E	S4WGFHR_E	S5WGFHR_E	S6WGFHR_E	S7WGFHR_E
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.continuous value	2722	1919	2303	2263	1823	1944	1649
2.closed range bracket	54	35	62	56	41	44	37
3.open range bracket	7	6	4	10	5	10	3
5.no value/bracket	98	47	101	112	84	81	80
6.no income	5125	4120	3859	4739	4776	4968	4606
7.dk	3	1		3	4	1	1
11.missing hours worked	61	50	57	219	231	194	184

Value	R1WGFWK_E	R2WGFWK_E	R3WGFWK_E	R4WGFWK_E	R5WGFWK_E	R6WGFWK_E	R7WGFWK_E
1.continuous value	3510	2520	2989	3152	2541	2657	2284
2.closed range bracket	82	56	83	95	73	83	86
3.open range bracket	10	6	6	15	7	16	7
5.no value/bracket	156	89	160	192	147	150	140
6.no income	8332	6760	6482	7518	7425	7618	7084
7.dk	9	1		10	9	2	1
10.institutional interview			51	68	72	75	64

Value	S1WGFWK_E	S2WGFWK_E	S3WGFWK_E	S4WGFWK_E	S5WGFWK_E	S6WGFWK_E	S7WGFWK_E
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
1.continuous value	2754	1955	2335	2412	1994	2065	1764
2.closed range bracket	58	36	65	78	60	68	63
3.open range bracket	8	6	4	13	6	16	6
5.no value/bracket	117	60	123	152	122	123	120
6.no income	5125	4120	3859	4739	4776	4968	4606
7.dk	8	1		8	6	2	1

How Constructed

RwWGIHR_E is the respondent's hourly wage rate and RwWGIWK_E is the weekly wage rate.

If the respondent reports working at an interview, he/she is asked how much the job pays. Usual hours per week for this job is also asked. The rate of pay can be reported for various periods, e.g., per hour, per week, or per year. Hourly wage rates are calculated using the usual hours worked per week and pay rate, and adjusting appropriately for the periodicity of pay reported. These variables are expressed in after tax amounts.

The wage rates are expressed in nominal pounds. If the respondent is working but is missing the pay rate for the current job, the wage rate is left as missing.

Pay rate is determined using the ELSA derived variable thpi which represents the amount of the last time take-home pay, after any deductions were made for tax, National Insurance, pensions, union dues, etc. for those in paid work, temporarily away, and employees.

Don't know, refused, or other missing responses of RwWGIHR_E and RwWGIWK_E are assigned special missing codes .d, .r, .m, respectively. If the respondent's survey was conducted with a proxy, RwWGIHR_E and RwWGIWK_E are set to special missing .p. If the respondent is not working, they are set to a .w missing code. RwWGIHR_E and RwWGIWK_E are set to plain missing (.) for respondents who did not respond to the current wave.

SwWGIHR_E is the respondent's current wave's spouse's hourly wage rate. It is taken from the spouse's values to RwWGIHR_E. SwWGIWK_E is the respondent's current wave's spouse's weekly wage rate. It is taken from the spouse's values to RwWGIWK_E. In addition to the missing codes used by RwWGIHR_E and RwWGIWK_E, SwWGIHR_E and SwWGIWK_E employ two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

The RwWGFHR_E and RwWGFWK_E variables are flags that indicate whether and how the wage rates are imputed. These flag variables combine information about the imputation of the pay rate with information on any missing reports of hours worked per week.

SwWGFHR_E is the respondent's current wave's spouse's imputation flag for hourly wage rate. It is taken from the spouse's values to RwWGFHR_E. SwWGFWK_E is the respondent's current wave's spouse's imputation flag for weekly wage rate. It is taken from the spouse's values to RwWGFWK_E. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Individual earnings in ELSA are expressed as nominal pounds, whereas the equivalent measure in RAND HRS is nominal dollars. Therefore, conversion to a common currency is necessary before comparison of these data. Also, unlike RwWGIHR and RwWGIWK in the RAND HRS, RwWGIHR_E and RwWGIWK_E reflect after tax amounts.

ELSA Variables Used

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Wave 1 Core:
    ASKPX1          whether interviewed by proxy
    WPACT1          did you do any of these activities during the last month
    WPACT2          did you do any of these activities during the last month
    WPACT3          did you do any of these activities during the last month
    WPACT4          did you do any of these activities during the last month
    WPACT5          did you do any of these activities during the last month
    WPACT6          did you do any of these activities during the last month
    WPES            derived: 1=employee, 2=self-employed
    WPHJOB          how many hours a week do you usually work in this job, e
    WPHWRK          how many hours a week do you usually work in your curren
Wave 1 Financial:
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
Wave 2 Core:
    ASKPX1          whether interviewed by proxy
    WPACT1          activities during the last month (1st mention)
    WPACT2          activities during the last month (2nd mention)
    WPACT3          activities during the last month (3rd mention)
    WPACT4          activities during the last month (4th mention)
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    WPACT5          activities during the last month (5th mention)
    WPACT6          activities during the last month (6th mention)
    WPES            derived: employee or self-employed
    WPHJOB          hours worked per week in this job (exc. meal breaks, inc
    WPHWRK          hours worked per week in current job (inc. doing the boo
Wave 2 Financial:
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
Wave 3 Core:
    ASKINST         whether respondent had an institutional interview
    ASKPX           whether respondent had a proxy interview
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPES            derived: employee or self-employed
    WPHJOB          hours worked per week in this job (exc. meal breaks, inc
    WPHWRK          hours worked per week inc. doing the books, vat etc. (se
Wave 3 Financial:
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
Wave 4 Core:
    ASKINST         whether respondent had an institutional interview
    ASKPX           whether respondent had an interview by proxy
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPES            derived: employee or self-employed
    WPHJOB          hours worked per week in this job (exc. meal breaks, inc
    WPHWRK          hours worked per week inc. doing the books, vat etc. (se
Wave 4 Financial:
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
Wave 5 Core:
    ASKINST         whether respondent had an institutional interview
    ASKPX           whether respondent had an interview by proxy
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPES            derived: employee or self-employed
    WPHJOB          hours worked per week in this job (exc. meal breaks, inc
    WPHWRK          hours worked per week inc. doing the books, vat etc. (se
Wave 5 Financial:
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
Wave 6 Core:
    ASKINST         whether respondent had an institutional interview
    ASKPX           whether respondent had an interview by proxy
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPES            derived: employee or self-employed
    WPHJOB          hours worked per week in this job (exc. meal breaks, inc
    WPHWRK          hours worked per week inc. doing the books, vat etc. (se
Wave 6 Financial:
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
Wave 7 Core:
    ASKINST         whether respondent had an institutional interview
    ASKPX           whether respondent had an interview by proxy
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPES            derived: employee or self-employed
    WPHJOB          hours worked per week in this job (exc. meal breaks, inc
    WPHWRK          hours worked per week inc. doing the books, vat etc. (se
Wave 7 Financial:
    THP_R_I         take-home pay last time (wpthp) - value (incl. imputed v
    THP_R_T         take-home pay last time (wpthp) - imputation flag
```

Level of Physical Effort at Current Job

Wave	Variable	Label	Type
1	R1JPHYSA	r1jphysa:w1 r Cur job req lots phys effort	Categ
2	R2JPHYSA	r2jphysa:w2 r Cur job req lots phys effort	Categ
3	R3JPHYSA	r3jphysa:w3 r Cur job req lots phys effort	Categ
4	R4JPHYSA	r4jphysa:w4 r Cur job req lots phys effort	Categ
5	R5JPHYSA	r5jphysa:w5 r Cur job req lots phys effort	Categ
6	R6JPHYSA	r6jphysa:w6 r Cur job req lots phys effort	Categ
7	R7JPHYSA	r7jphysa:w7 r Cur job req lots phys effort	Categ
1	S1JPHYSA	s1jphysa:w1 s Cur job req lots phys effort	Categ
2	S2JPHYSA	s2jphysa:w2 s Cur job req lots phys effort	Categ
3	S3JPHYSA	s3jphysa:w3 s Cur job req lots phys effort	Categ
4	S4JPHYSA	s4jphysa:w4 s Cur job req lots phys effort	Categ
5	S5JPHYSA	s5jphysa:w5 s Cur job req lots phys effort	Categ
6	S6JPHYSA	s6jphysa:w6 s Cur job req lots phys effort	Categ
7	S7JPHYSA	s7jphysa:w7 s Cur job req lots phys effort	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JPHYSA	4550	1.97	0.91	1.00	4.00
R2JPHYSA	3272	1.94	0.90	1.00	4.00
R3JPHYSA	3930	1.91	0.90	1.00	4.00
R4JPHYSA	4045	1.86	0.89	1.00	4.00
R5JPHYSA	3246	1.87	0.89	1.00	4.00
R6JPHYSA	3504	1.88	0.91	1.00	4.00
R7JPHYSA	3058	1.91	0.93	1.00	4.00
S1JPHYSA	3523	1.96	0.91	1.00	4.00
S2JPHYSA	2507	1.94	0.91	1.00	4.00
S3JPHYSA	3034	1.91	0.90	1.00	4.00
S4JPHYSA	3070	1.88	0.90	1.00	4.00
S5JPHYSA	2513	1.87	0.90	1.00	4.00
S6JPHYSA	2714	1.89	0.91	1.00	4.00
S7JPHYSA	2338	1.91	0.93	1.00	4.00

Categorical Variable Codes

Value	R1JPHYSA	R2JPHYSA	R3JPHYSA	R4JPHYSA	R5JPHYSA	R6JPHYSA	R7JPHYSA
.d:DK	21	3	9	5	114	3	1
.m:Missing		2	2	137			
.p:proxy	175	124	232	422	537	614	597
.r:Refuse	4	1		7	5	4	
.w:not working	7349	6030	5598	6434	6372	6476	6010
1.Sedentary occupation	1728	1285	1608	1768	1422	1524	1323
2.Standing occupation	1471	1049	1210	1235	946	996	835
3.Physical work	1125	789	953	875	764	847	757
4.Heavy manual work	226	149	159	167	114	137	143

Value	S1JPHYSA	S2JPHYSA	S3JPHYSA	S4JPHYSA	S5JPHYSA	S6JPHYSA	S7JPHYSA
.d:DK	18	2	4	5	99	3	1
.m:Missing		2	1	128			
.p:proxy	122	94	158	309	418	494	484
.r:Refuse	4	1		5	3	3	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
.w:not working	4403	3572	3189	3885	3931	4028	3737
1.Sedentary occupation	1350	996	1263	1319	1104	1185	1011

2.Standing occupation	1135	792	919	932	721	760	639
3.Physical work	853	596	723	687	599	656	569
4.Heavy manual work	185	123	129	132	89	113	119

How Constructed

RwJPHYSA indicates the extent to which the respondent says his/her job involves physical effort. A code of 1 indicates the respondent's occupation is sedentary, a code of 2 indicates the respondent's occupation requires standing, a code of 3 indicates the respondent's occupation requires physical labor, and a code of 4 indicates the respondent's occupation requires heavy manual labor.

Don't know, refused, or other missing responses of RwJPHYSA are assigned special missing codes .d, .r, .m, respectively. If the respondent's survey was conducted with a proxy, RwJPHYSA is set to special missing .p. If the respondent is not working, it is set to a .w missing code. RwJPHYSA is assigned blank missing (.) if the respondent did not participate in the current wave.

SwJPHYSA indicates the respondent's spouse's occupation's level of physical effort. It is taken from the spouse's values to RwJPHYSA. In addition to the special missing codes employed by RwJPHYSA, SwJPHYSA employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

RwJPHYSA is a very different variable from RwJPHYS in the RAND HRS. RwJPHYS indicates how often the respondent's current job requires lots of physical effort. Alternatively, RwJPHYSA does not indicate the frequency of lots of physical effort, but rather the overall level of physical effort required by the respondent's current job.

ELSA Variables Used

Wave 1 Core:

ASKPX1	whether interviewed by proxy
WPACT1	did you do any of these activities during the last month
WPACT2	did you do any of these activities during the last month
WPACT3	did you do any of these activities during the last month
WPACT4	did you do any of these activities during the last month
WPACT5	did you do any of these activities during the last month
WPACT6	did you do any of these activities during the last month
WPJACT	which of these best describes the work that you do in yo

Wave 2 Core:

ASKPX1	whether interviewed by proxy
WPACT1	activities during the last month (1st mention)
WPACT2	activities during the last month (2nd mention)
WPACT3	activities during the last month (3rd mention)
WPACT4	activities during the last month (4th mention)
WPACT5	activities during the last month (5th mention)
WPACT6	activities during the last month (6th mention)
WPJACT	level of physical activity in main job

Wave 3 Core:

ASKPX	whether respondent had a proxy interview
WPACTPW	activities during last month: paid work
WPACTSE	activities during last month: self-employment
WPJACT	level of physical activity in main job

Wave 4 Core:

ASKPX	whether respondent had an interview by proxy
WPACTPW	activities during last month: paid work

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    WPACTSE         activities during last month: self-employment
    WPJACT          level of physical activity in main job
Wave 5 Core:
    ASKPX           whether respondent had an interview by proxy
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPJACT          level of physical activity in main job
Wave 6 Core:
    ASKPX           whether respondent had an interview by proxy
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPJACT          level of physical activity in main job
Wave 7 Core:
    ASKPX           whether respondent had an interview by proxy
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPJACT          level of physical activity in main job
```

Under Pressure Due to Workload

Wave	Variable	Label	Type
2	R2JPRESS	r2jpress:w2 r under pressure due to workload	Categ
3	R3JPRESS	r3jpress:w3 r under pressure due to workload	Categ
4	R4JPRESS	r4jpress:w4 r under pressure due to workload	Categ
5	R5JPRESS	r5jpress:w5 r under pressure due to workload	Categ
6	R6JPRESS	r6jpress:w6 r under pressure due to workload	Categ
7	R7JPRESS	r7jpress:w7 r under pressure due to workload	Categ
2	S2JPRESS	s2jpress:w2 s under pressure due to workload	Categ
3	S3JPRESS	s3jpress:w3 s under pressure due to workload	Categ
4	S4JPRESS	s4jpress:w4 s under pressure due to workload	Categ
5	S5JPRESS	s5jpress:w5 s under pressure due to workload	Categ
6	S6JPRESS	s6jpress:w6 s under pressure due to workload	Categ
7	S7JPRESS	s7jpress:w7 s under pressure due to workload	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R2JPRESS	2762	2.61	0.90	1.00	4.00
R3JPRESS	3114	2.62	0.91	1.00	4.00
R4JPRESS	3410	2.61	0.91	1.00	4.00
R5JPRESS	2887	2.63	0.91	1.00	4.00
R6JPRESS	2868	2.54	0.92	1.00	4.00
R7JPRESS	2531	2.59	0.94	1.00	4.00
S2JPRESS	2214	2.62	0.91	1.00	4.00
S3JPRESS	2506	2.61	0.91	1.00	4.00
S4JPRESS	2718	2.60	0.91	1.00	4.00
S5JPRESS	2286	2.62	0.92	1.00	4.00
S6JPRESS	2245	2.53	0.92	1.00	4.00
S7JPRESS	1988	2.60	0.95	1.00	4.00

Categorical Variable Codes

Value	R2JPRESS	R3JPRESS	R4JPRESS	R5JPRESS	R6JPRESS	R7JPRESS
.c:no self-completion quest	275	586	482	235	246	205
.d:DK				2		
.m:Missing	213	216	276	257	406	351
.p:proxy	125	232	446	537	614	597
.r:Refuse	47	35	29	6	5	3
.w:not working	6010	5588	6407	6350	6462	5979
1.strongly agree	361	391	449	377	429	367
2.agree	785	927	979	807	882	756
3.disagree	1175	1264	1436	1217	1138	953
4.strongly disagree	441	532	546	486	419	455

Value	S2JPRESS	S3JPRESS	S4JPRESS	S5JPRESS	S6JPRESS	S7JPRESS
.c:no self-completion quest	123	364	257	175	195	154
.d:DK				2		
.m:Missing	160	153	214	167	286	224
.p:proxy	95	158	333	418	494	484
.r:Refuse	35	29	19	5	5	2
.u:Unmar	2671	2708	2932	2742	2802	2548
.v:SP NR	583	677	716	568	557	558
.w:not working	3551	3176	3861	3911	4017	3708
1.strongly agree	290	320	366	311	342	290
2.agree	617	748	777	623	692	591
3.disagree	942	1016	1143	971	881	737
4.strongly disagree	365	422	432	381	330	370

How Constructed

RwJPRESS indicates the extent to which the respondent agrees to the statement "I am under constant time pressure due to a heavy workload" in the self-completion questionnaire. A code of 1 indicates the respondent strongly agrees, a code of 2 indicates the respondent agrees, a code of 3 indicates the respondent disagrees, and a code of 4 indicates the respondent strongly disagrees.

Don’t know, refused, or other missing responses of RwJPRESS are assigned special missing codes .d, .r, .m, respectively. If the respondent's survey was conducted with a proxy, RwJPRESS is set to special missing .p. If the respondent is not working, RwJPRESS is set to a .w missing code. If the respondent did not return their self-completion questionnaire, RwJPRESS is set to a .c missing code. RwJPRESS is set to blank missing (.) if the respondent did not participate in the current wave.

SwJPRESS indicates whether the respondent's spouse feels under pressure due to a heavy workload. It is taken from the spouse's values to RwJPRESS. In addition to the special missing codes employed by RwJPRESS, SwJPRESS employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

RwJPRESS is not available in wave 1.

Differences with the RAND HRS

RwJPRESS is not available in the RAND HRS.

ELSA Variables Used

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Wave 2 Core:
    ASKPX1          whether interviewed by proxy
    OUTSCW2         elsa w2 self-completion outcome
    SCWORKG         whether the respondent feels under constant pressure due
    WPACT1          activities during the last month (1st mention)
    WPACT2          activities during the last month (2nd mention)
    WPACT3          activities during the last month (3rd mention)
    WPACT4          activities during the last month (4th mention)
    WPACT5          activities during the last month (5th mention)
    WPACT6          activities during the last month (6th mention)
Wave 3 Core:
    ASKPX           whether respondent had a proxy interview
    OUTSCW3         outcome of core self completion
    SCWORKG         whether the respondent feels under constant pressure due
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
Wave 4 Core:
    ASKPX           whether respondent had an interview by proxy
    OUTSCW4         outcome of wave 4 core self completion questionnaire
    SCWORKG         whether the respondent feels under constant pressure due
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
Wave 5 Core:
    ASKPX           whether respondent had an interview by proxy
    SCWORKG         whether the respondent feels under constant pressure due
    W5SCWT          wave 5 self-completion weight
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
Wave 6 Core:
    ASKPX           whether respondent had an interview by proxy
    SCWORKG         whether the respondent feels under constant pressure due
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    W6SCWT          wave 6 main self-completion weight
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
Wave 7 Core:
    ASKPX           whether respondent had an interview by proxy
    SCWORKG         whether the respondent feels under constant pressure due
    W7SCWT          wave 7 main self-completion weight
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
```

Years of Tenure on Current Job

Wave	Variable	Label	Type
1	R1JCTEN	r1jcten:w1 r Current Job Tenure	Cont
2	R2JCTEN	r2jcten:w2 r Current Job Tenure	Cont
3	R3JCTEN	r3jcten:w3 r Current Job Tenure	Cont
4	R4JCTEN	r4jcten:w4 r Current Job Tenure	Cont
5	R5JCTEN	r5jcten:w5 r Current Job Tenure	Cont
6	R6JCTEN	r6jcten:w6 r Current Job Tenure	Cont
7	R7JCTEN	r7jcten:w7 r Current Job Tenure	Cont
1	S1JCTEN	s1jcten:w1 s Current Job Tenure	Cont
2	S2JCTEN	s2jcten:w2 s Current Job Tenure	Cont
3	S3JCTEN	s3jcten:w3 s Current Job Tenure	Cont
4	S4JCTEN	s4jcten:w4 s Current Job Tenure	Cont
5	S5JCTEN	s5jcten:w5 s Current Job Tenure	Cont
6	S6JCTEN	s6jcten:w6 s Current Job Tenure	Cont
7	S7JCTEN	s7jcten:w7 s Current Job Tenure	Cont
1	R1FJCTEN	r1fjcten:w1 r Flag Current Job Tenure	Categ
2	R2FJCTEN	r2fjcten:w2 r Flag Current Job Tenure	Categ
3	R3FJCTEN	r3fjcten:w3 r Flag Current Job Tenure	Categ
4	R4FJCTEN	r4fjcten:w4 r Flag Current Job Tenure	Categ
5	R5FJCTEN	r5fjcten:w5 r Flag Current Job Tenure	Categ
6	R6FJCTEN	r6fjcten:w6 r Flag Current Job Tenure	Categ
7	R7FJCTEN	r7fjcten:w7 r Flag Current Job Tenure	Categ
1	S1FJCTEN	s1fjcten:w1 s Flag Current Job Tenure	Categ
2	S2FJCTEN	s2fjcten:w2 s Flag Current Job Tenure	Categ
3	S3FJCTEN	s3fjcten:w3 s Flag Current Job Tenure	Categ
4	S4FJCTEN	s4fjcten:w4 s Flag Current Job Tenure	Categ
5	S5FJCTEN	s5fjcten:w5 s Flag Current Job Tenure	Categ
6	S6FJCTEN	s6fjcten:w6 s Flag Current Job Tenure	Categ
7	S7FJCTEN	s7fjcten:w7 s Flag Current Job Tenure	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JCTEN	4446	11.66	10.80	0.00	60.90
R2JCTEN	3296	12.77	11.33	0.00	65.00
R3JCTEN	2972	12.04	11.37	0.00	66.80
R4JCTEN	2620	11.80	11.30	0.00	68.60
R5JCTEN	2248	11.94	11.37	0.00	64.00
R6JCTEN	1992	11.54	11.50	0.00	65.90
R7JCTEN	1736	11.57	11.89	0.00	64.50
S1JCTEN	3450	11.67	10.76	0.00	59.00
S2JCTEN	2526	12.72	11.14	0.00	65.00
S3JCTEN	2288	12.00	11.24	0.00	66.80
S4JCTEN	2003	11.83	11.22	0.00	68.60
S5JCTEN	1756	11.94	11.27	0.00	60.60
S6JCTEN	1574	11.49	11.37	0.00	62.40
S7JCTEN	1374	11.64	11.92	0.00	64.50
R1FJCTEN	4446	0.19	0.76	0.00	5.00
R2FJCTEN	3296	0.19	0.77	0.00	5.00
R3FJCTEN	2972	0.15	0.69	0.00	5.00
R4FJCTEN	2620	0.14	0.69	0.00	5.00
R5FJCTEN	2248	0.12	0.64	0.00	5.00

R6FJCTEN	1992	0.12	0.63	0.00	5.00
R7FJCTEN	1736	0.13	0.66	0.00	5.00
S1FJCTEN	3450	0.19	0.76	0.00	5.00
S2FJCTEN	2526	0.19	0.77	0.00	5.00
S3FJCTEN	2288	0.15	0.70	0.00	5.00
S4FJCTEN	2003	0.15	0.70	0.00	5.00
S5FJCTEN	1756	0.12	0.64	0.00	5.00
S6FJCTEN	1574	0.11	0.61	0.00	5.00
S7FJCTEN	1374	0.13	0.66	0.00	5.00

Categorical Variable Codes

Value	R1FJCTEN	R2FJCTEN	R3FJCTEN	R4FJCTEN	R5FJCTEN	R6FJCTEN	R7FJCTEN
.m:Missing	7653	6136	6799	8430	8026	8609	7930
0.used year and month	4159	3093	2821	2494	2157	1914	1663
1.used year only, job began	29	17	17	15	11	10	6
2.used year only, job began	82	51	38	30	22	21	21
3.used year only, job began	95	69	50	40	27	20	20
4.used year only, job began	57	46	30	26	18	16	14
5.used year only, job began	24	20	16	15	13	11	12

Value	S1FJCTEN	S2FJCTEN	S3FJCTEN	S4FJCTEN	S5FJCTEN	S6FJCTEN	S7FJCTEN
.m:Missing	4620	3652	4098	5399	5208	5668	5186
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.used year and month	3222	2370	2177	1905	1687	1519	1317
1.used year only, job began	26	14	13	11	8	7	4
2.used year only, job began	62	37	22	22	16	13	18
3.used year only, job began	79	55	41	33	21	14	15
4.used year only, job began	42	35	21	20	12	11	10
5.used year only, job began	19	15	14	12	12	10	10

How Constructed

RwJCTEN is the respondent's years of tenure on the current job in Wave 'w'.

Current work status, reported job changes, current job start year and current interview date are used to derive the current job tenure for each interview. It is calculated in years, rounded to the nearest tenth, using current interview date minus current job start date.

If the respondent reports a job for the first time, RwJCTEN is calculated by subtracting the interview date from the date they reported starting the job. In following interviews, if the respondent reports that he/she has not changed jobs or employers since the previously reported job, RwJCTEN is calculated using the originally reported start date and the current interview date.

Don’t know, refused, or other missing responses of RwJCTEN are assigned special missing codes .d, .r, .m, respectively. If the respondent's survey was conducted with a proxy, RwJCTEN is set to special missing .p. If the respondent is not working, it is set to a .w missing code. RwJCTEN is set to blank missing (.) if the respondent did not participate in the current wave.

RwFJCTEN is a flag variable for respondent's years of tenure on the current job which indicates if job tenure was calculated from the year and month current job started or if job tenure was calculated just using year current job started. A code of 0 indicates that tenure was calculated from the year and month current job started. A code of 1 indicates job tenure was calculated just using year current job started, but that the respondent specified he/she started the job in the beginning of that year. A code of 2 indicates job tenure was calculated just using year current job started, but that the respondent specified he/she started the job in the spring of that year. A code of 3 indicates job tenure was calculated just using year current job started, but that the respondent specified he/she started the job in the summer of that year. A code of 4 indicates job tenure was calculated just using year current job started, but that the respondent specified he/she started the job in the autumn of that year. A code of 5 indicates job tenure was calculated just using year current job started, but that the respondent specified he/she started the job at the end of that year.

SwJCTEN is the respondent’s spouse’s years of tenure on current job. SwJCTEN is taken from the spouse's values to RwJCTEN. SwFJCTEN is a flag variable for respondent's spouse's years of tenure on the current job. SwFJCTEN is taken from the spouse's values to RwFJCTEN. In addition to the special missing codes employed by RwJCTEN and RwFJCTEN, SwJCTEN and SwFJCTEN employ two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike in the RAND HRS, RwJCTEN in the Harmonized ELSA always computes tenure using the originally reported start date of the job, rather than using reported job start date at the current interview if the respondent continues to hold the same job.

ELSA Variables Used

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Index File:
    FINSTATW1      final status after wave 1 fieldwork
    FINSTATW2      final status after wave 2 fieldwork
    FINSTATW3      final status after wave 3 fieldwork
    FINSTATW4      final status after wave 4 fieldwork
    FINSTATW5      final status after w5 fieldwork (from outcome file used
Wave 1 Core:
    ASKPX1         whether interviewed by proxy
    IINTDTM        month of individual interview: month of date: today~s da
    IINTDTY        year of individual interview: year of date: today~s date
    WPACT1         did you do any of these activities during the last month
    WPACT2         did you do any of these activities during the last month
    WPACT3         did you do any of these activities during the last month
    WPACT4         did you do any of these activities during the last month
    WPACT5         did you do any of these activities during the last month
    WPACT6         did you do any of these activities during the last month
    WPSJOBM        when did you start your current job (month)?
    WPSJOBY        when did you start your current job (year)?
Wave 2 Core:
    ASKPX1         whether interviewed by proxy
    IINTDTM        month of individual interview
    IINTDTY        year of individual interview
    WPACT1         activities during the last month (1st mention)
    WPACT2         activities during the last month (2nd mention)
    WPACT3         activities during the last month (3rd mention)
    WPACT4         activities during the last month (4th mention)
    WPACT5         activities during the last month (5th mention)
    WPACT6         activities during the last month (6th mention)
    WPEMP          are you still working for the same employer?
    WPSJOBM        month started current job
    WPSJOBY        year started current job
Wave 3 Core:
    ASKPX          whether respondent had a proxy interview
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPEMP          are you still working for the same employer?
    WPSJOBM        month started current job
    WPSJOBY        year started current job
Wave 4 Core:
    ASKPX          whether respondent had an interview by proxy
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    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPEMP          are you still working for the same employer?
    WPSJOBM        month started current job
    WPSJOBY        year started current job
Wave 5 Core:
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPEMP          are you still working for the same employer?
    WPSJOBM        month started current job
    WPSJOBY        year started current job
Wave 6 Core:
    FINSTATW6      final status after wave 6 fieldwork
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPEMP          are you still working for the same employer?
    WPSJOBM        month started current job
    WPSJOBY        year started current job
Wave 7 Core:
    ASKPX          whether respondent had an interview by proxy
    FINSTATW7      final status after w7 fieldwork
    IINTDATM       month of individual interview
    IINTDATY       year of individual interview
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPEMP          are you still working for the same employer?
    WPSJOBM        month started current job
    WPSJOBY        year started current job
```

Occupation Code for Current Job

Wave	Variable	Label	Type
2	R2JCOCC_E	r2jcocc_e:w2 r Current Job Occupation	Categ
3	R3JCOCC_E	r3jcocc_e:w3 r Current Job Occupation	Categ
4	R4JCOCC_E	r4jcocc_e:w4 r Current Job Occupation	Categ
5	R5JCOCC_E	r5jcocc_e:w5 r Current Job Occupation	Categ
6	R6JCOCC_E	r6jcocc_e:w6 r Current Job Occupation	Categ
7	R7JCOCC_E	r7jcocc_e:w7 r Current Job Occupation	Categ
2	S2JCOCC_E	s2jcocc_e:w2 s Current Job Occupation	Categ
3	S3JCOCC_E	s3jcocc_e:w3 s Current Job Occupation	Categ
4	S4JCOCC_E	s4jcocc_e:w4 s Current Job Occupation	Categ
5	S5JCOCC_E	s5jcocc_e:w5 s Current Job Occupation	Categ
6	S6JCOCC_E	s6jcocc_e:w6 s Current Job Occupation	Categ
7	S7JCOCC_E	s7jcocc_e:w7 s Current Job Occupation	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R2JCOCC_E	9215	8.42	3.57	1.00	13.00
R3JCOCC_E	9531	8.28	3.57	1.00	13.00
R4JCOCC_E	10486	8.17	3.58	1.00	13.00
R5JCOCC_E	9909	8.12	3.59	1.00	13.00
R6JCOCC_E	10229	8.06	3.61	1.00	13.00
R7JCOCC_E	10410	8.08	3.61	1.00	13.00
S2JCOCC_E	6046	8.19	3.60	1.00	13.00
S3JCOCC_E	6232	8.06	3.60	1.00	13.00
S4JCOCC_E	6989	7.99	3.59	1.00	13.00
S5JCOCC_E	6685	7.94	3.60	1.00	13.00
S6JCOCC_E	3868	8.04	3.54	1.00	13.00
S7JCOCC_E	3878	8.06	3.54	1.00	13.00

Categorical Variable Codes

Value	R2JCOCC_E	R3JCOCC_E	R4JCOCC_E	R5JCOCC_E	R6JCOCC_E	R7JCOCC_E
.m:Missing	43	51	444	265	276	584
.n:never worked	146	127	105	87	85	79
.p:proxy	28	62	15	13	11	250
1.employers in large organi	10	11	16	19	21	16
2.higher managerial occupat	345	349	399	368	397	409
3.higher professional occup	482	555	637	646	712	721
4.lower professional & high	1209	1331	1553	1487	1566	1573
5.lower managerial occupati	474	485	556	516	531	534
6.higher supervisory occupa	351	375	412	392	391	407
7.intermediate	1304	1343	1439	1378	1400	1403
8.employers in small organi	246	258	251	231	217	220
9.own account workers	735	821	980	934	990	1046
10.lower supervisory occupa	669	661	666	630	622	621
11.lower technical	326	352	360	332	318	321
12.semi-routine	1675	1662	1831	1674	1734	1782
13.routine	1389	1328	1386	1302	1330	1357

Value	S2JCOCC_E	S3JCOCC_E	S4JCOCC_E	S5JCOCC_E	S6JCOCC_E	S7JCOCC_E
.m:Missing	42	47	364	240	25	82
.n:never worked	63	47	43	33	23	21
.p:proxy	27	60	6	6	2	31
.u:Unmar	2671	2708	2932	2742	2671	2671
.v:SP NR	583	677	716	568	583	583
1.employers in large organi	8	9	12	15	9	8

2.higher managerial occupat	267	272	311	291	154	152
3.higher professional occup	367	421	480	501	254	259
4.lower professional & high	816	902	1042	1003	561	557
5.lower managerial occupati	352	357	401	368	214	211
6.higher supervisory occupa	230	232	256	257	131	134
7.intermediate	822	835	925	897	553	554
8.employers in small organi	162	177	172	160	113	112
9.own account workers	531	563	728	686	406	412
10.lower supervisory occupa	421	435	435	409	246	241
11.lower technical	210	226	238	224	129	126
12.semi-routine	1040	997	1146	1059	652	658
13.routine	820	806	843	815	446	454

How Constructed

RwJCOCC_E is the respondent's occupation code for the current job in Wave 'w', or the occupation code of the respondent's most recent job if no longer working.

RwJCOCC_E is currently only available for Wave 2 in the Derived Variables file and Wave 3 and onward in the Core data. ELSA offers several different NS-SEC classifications. RwJCOCC_E is based on the long NS-SEC version which includes unclassified and non-workers. This set of classifications also includes sub classifications for the following classifications: higher professional occupations, lower professional & higher technical, intermediate, employers in small organizations, own account workers, lower technical, semi-routine, and routine. These sub classifications are not represented in RwJCOCC_E.

In wave 7, values of RwJCOCC_E are carried forward from wave 6 if the respondent was not assigned a NS-SEC classification in the wave 7 raw data and reported not changing jobs between this wave and the previous wave. Where available, RwJCOCC_E values were assigned based on the wave 7 NS-SEC classification.

Don’t know, refused, or other missing responses of RwJCOCC_E are assigned special missing codes .d, .r, .m, respectively. If the respondent has never worked, this variable is set to a .n missing code. If the respondent's survey was conducted with a proxy, RwJCOCC_E is set to special missing .p. RwJCOCC_E is set to blank missing (.) if the respondent did not participate in the current wave.

SwJCOCC_E indicates the respondent’s spouse’s occupation code. It is taken from the spouse's values to RwJCOCC_E in the current wave. In addition to the special missing codes employed by RwJCOCC_E, SwJCOCC_E employs two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

RwJCOCC_E is not available for wave 1.

Occupation is determined in ELSA from a number of sources. The Wave 2 ELSA data is the only data in which ELSA offers a full occupation measure. ELSA also included an occupation measure in Wave 6, with the caveat that the measure is not finalized and only includes values for respondents who have changed jobs since the last interview or for those respondents with missing information.

In wave 7, values of RwJCOCC_E are carried forward from wave 6 if the respondent was not assigned a NS-SEC classification in the wave 7 raw data and reported not changing jobs between this wave and the previous wave. Where available, RwJCOCC_E values were assigned based on the wave 7 NS-SEC classification.

Differences with the RAND HRS

RwJCOCC_E is based on a very different set of occupation codes than RwJCOCC in the RAND HRS. While some comparisons are possible, complete harmonization of the two sets of codes is not possible.

ELSA Variables Used

Wave 2 Derived:

W2NSSEC	(d) final ns-sec - long version (including unclassifiabl

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    W2NSSECMIS      (d) reason respondent has no ns-sec code
Wave 3 Core:
    W3NSSEC         (d) final ns-sec - long version (including unclassifiabl
    W3NSSECMIS      (d) reason respondent has no ns-sec code
Wave 4 Core:
    ASKPX           whether respondent had an interview by proxy
    W4NSSEC         (d) final w4 ns-sec - long version (including unclassifi
Wave 5 Core:
    ASKPX           whether respondent had an interview by proxy
    W5NSSEC         (d) final w5 ns-sec - long version (including unclassifi
Wave 6 Core:
    ASKPX           whether respondent had an interview by proxy
    W6NSSEC13       (d) final w6 ns-sec - long version
    W6NSSEC8        (d) final w6 ns-sec 8 category classification (individua
Wave 7 Core:
    ASKPX           whether respondent had an interview by proxy
    NSSEC           ns-sec (long version)
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPEVER          have you ever done any paid work?
    WPSTJ           is the job you had last time you were interviewed [still
```

Month and Year Last Job Ended

Wave	Variable	Label	Type
1	R1JLASTM	r1jlastm:w1 r Month Last Worked/not workng	Categ
2	R2JLASTM	r2jlastm:w2 r Month Last Worked/not workng	Categ
3	R3JLASTM	r3jlastm:w3 r Month Last Worked/not workng	Categ
4	R4JLASTM	r4jlastm:w4 r Month Last Worked/not workng	Categ
5	R5JLASTM	r5jlastm:w5 r Month Last Worked/not workng	Categ
6	R6JLASTM	r6jlastm:w6 r Month Last Worked/not workng	Categ
7	R7JLASTM	r7jlastm:w7 r Month Last Worked/not workng	Categ
1	S1JLASTM	s1jlastm:w1 s Month Last Worked/not workng	Categ
2	S2JLASTM	s2jlastm:w2 s Month Last Worked/not workng	Categ
3	S3JLASTM	s3jlastm:w3 s Month Last Worked/not workng	Categ
4	S4JLASTM	s4jlastm:w4 s Month Last Worked/not workng	Categ
5	S5JLASTM	s5jlastm:w5 s Month Last Worked/not workng	Categ
6	S6JLASTM	s6jlastm:w6 s Month Last Worked/not workng	Categ
7	S7JLASTM	s7jlastm:w7 s Month Last Worked/not workng	Categ
1	R1JLASTY	r1jlasty:w1 r Year Last Worked/not workng	Cont
2	R2JLASTY	r2jlasty:w2 r Year Last Worked/not workng	Cont
3	R3JLASTY	r3jlasty:w3 r Year Last Worked/not workng	Cont
4	R4JLASTY	r4jlasty:w4 r Year Last Worked/not workng	Cont
5	R5JLASTY	r5jlasty:w5 r Year Last Worked/not workng	Cont
6	R6JLASTY	r6jlasty:w6 r Year Last Worked/not workng	Cont
7	R7JLASTY	r7jlasty:w7 r Year Last Worked/not workng	Cont
1	S1JLASTY	s1jlasty:w1 s Year Last Worked/not workng	Cont
2	S2JLASTY	s2jlasty:w2 s Year Last Worked/not workng	Cont
3	S3JLASTY	s3jlasty:w3 s Year Last Worked/not workng	Cont
4	S4JLASTY	s4jlasty:w4 s Year Last Worked/not workng	Cont
5	S5JLASTY	s5jlasty:w5 s Year Last Worked/not workng	Cont
6	S6JLASTY	s6jlasty:w6 s Year Last Worked/not workng	Cont
7	S7JLASTY	s7jlasty:w7 s Year Last Worked/not workng	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JLASTM	3529	7.20	4.00	1.00	17.00
R2JLASTM	3224	7.13	3.95	1.00	17.00
R3JLASTM	3113	6.99	3.86	1.00	17.00
R4JLASTM	3312	7.02	3.84	1.00	17.00
R5JLASTM	3629	6.97	3.77	1.00	17.00
R6JLASTM	3805	6.97	3.70	1.00	17.00
R7JLASTM	3742	7.01	3.66	1.00	17.00
S1JLASTM	2441	7.06	3.91	1.00	17.00
S2JLASTM	2170	7.06	3.87	1.00	17.00
S3JLASTM	2006	6.92	3.77	1.00	17.00
S4JLASTM	2153	7.00	3.78	1.00	17.00
S5JLASTM	2431	7.02	3.71	1.00	17.00
S6JLASTM	2573	7.00	3.66	1.00	17.00
S7JLASTM	2513	7.03	3.63	1.00	17.00
R1JLASTY	6987	1988.34	11.80	1919.00	2003.00
R2JLASTY	5659	1990.21	11.75	1919.00	2005.00
R3JLASTY	5028	1991.75	11.82	1919.00	2007.00
R4JLASTY	4833	1994.11	11.73	1919.00	2009.00
R5JLASTY	4811	1996.81	11.19	1919.00	2011.00

R6JLASTY	4756	1999.12	11.06	1919.00	2013.00
R7JLASTY	4460	2000.95	10.92	1947.00	2015.00
S1JLASTY	4235	1990.05	10.69	1919.00	2003.00
S2JLASTY	3371	1992.03	10.59	1919.00	2005.00
S3JLASTY	2890	1993.76	10.51	1919.00	2007.00
S4JLASTY	2846	1996.15	10.54	1919.00	2009.00
S5JLASTY	2987	1998.60	10.41	1919.00	2011.00
S6JLASTY	3014	2000.87	10.24	1919.00	2013.00
S7JLASTY	2849	2002.67	9.98	1949.00	2015.00

Categorical Variable Codes

Value	R1JLASTM	R2JLASTM	R3JLASTM	R4JLASTM	R5JLASTM	R6JLASTM	R7JLASTM
.d:DK	190	129	118	114	136	130	126
.f:doing unpaid work for fa	15	12	9	6	5	5	4
.h:missing hse value			189	1157	1537	833	686
.j:entering/training for jo	14	6	5	6	7	7	7
.m:Missing		14	19	36	158	350	324
.n:never worked	214	146	107	95	68	57	40
.p:proxy	175	147	253	485	590	682	664
.r:Refuse	18	12	13	15	17	15	9
.t:temporarily out of work	53	42	50	63	40	51	26
.w:currently working	4513	3326	4034	4296	3591	3783	3378
.y:ended on or before 1990,	3378	2374	1861	1465	1122	883	660
1.January	210	202	201	217	231	249	229
2.February	212	191	191	195	215	216	202
3.March	358	322	312	338	364	384	369
4.April	301	271	269	276	306	302	302
5.May	241	230	233	245	273	277	274
6.June	343	321	308	317	341	343	345
7.July	328	301	299	307	372	397	405
8.August	227	214	221	250	276	306	300
9.September	279	241	234	240	257	298	304
10.October	236	212	197	207	238	251	247
11.November	196	185	169	200	219	235	218
12.December	309	306	287	340	366	398	404
13.Winter (start of year)	24	15	15	14	13	12	11
14.Spring	69	56	49	44	42	41	45
15.Summer	91	69	64	56	51	43	36
16.Autumn	41	41	28	30	30	28	27
17.Winter (end of year)	64	47	36	36	35	25	24

Value	S1JLASTM	S2JLASTM	S3JLASTM	S4JLASTM	S5JLASTM	S6JLASTM	S7JLASTM
.d:DK	77	64	60	64	84	80	77
.f:doing unpaid work for fa	10	7	4	3	4	4	4
.h:missing hse value			105	787	603	528	402
.j:entering/training for jo	10	5	3	3	4	2	2
.m:Missing		13	18	33	37	147	137
.n:never worked	104	61	36	36	26	24	17
.p:proxy	122	112	172	362	459	551	543
.r:Refuse	11	6	5	9	8	9	7
.t:temporarily out of work	38	34	30	46	30	37	14
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
.w:currently working	3499	2538	3094	3246	2755	2879	2541
.y:ended on or before 1990,	1758	1168	853	660	523	408	303
1.January	149	128	117	128	138	156	152
2.February	146	129	122	127	134	135	119
3.March	249	222	215	230	247	270	248
4.April	223	190	177	185	206	206	206
5.May	175	166	162	169	196	194	193
6.June	227	208	185	179	206	209	218
7.July	234	206	201	211	266	290	291
8.August	165	155	154	173	201	220	213
9.September	201	161	147	144	169	195	198
10.October	159	133	124	133	156	163	156
11.November	140	132	118	144	154	163	144

12.December	206	204	175	227	253	280	284
13.Winter (start of year)	13	9	9	9	7	7	6
14.Spring	45	39	34	28	30	26	34
15.Summer	44	34	28	29	26	25	20
16.Autumn	26	26	16	19	20	17	15
17.Winter (end of year)	39	28	22	18	22	17	16

How Constructed

RwJLASTM and RwJLASTY are the month and year, respectively, when the respondent last worked. A respondent is asked about past jobs retrospectively at his/her first interview. If R reports ever having worked, then the end year of the most recent job is asked. If the end year was after 1990, then the respondent was asked the last month worked at the most recent job. For month, respondents can specify the calendar month or report whether they ended their job at the beginning of the year, in the spring, in the summer, in the autumn, or at the end of year. Seasonal responses are given codes 13-17. After the first interview, the respondent is asked when their last job ended if R reports having a paid job since the last interview or if R reports that the job reported during the last interview is not the most recent.

Don’t know, refused, or other missing responses of RwJLASTM and RwJLASTY are assigned special missing codes .d, .r, .m, respectively. If the respondent's survey was conducted with a proxy, RwJLASTM and RwJLASTY are set to special missing .p. If R is working then RwJLASTM and RwJLASTY are set to a .w missing code. If R never worked, RwJLASTM and RwJLASTY are set to a .n missing code. If the month and year the respondent last worked are missing because the respondent previously reported his/her last month/year working in a HSE survey which is not currently provided by ELSA, RwJLASTM and RwJLASTY are assigned special missing code .h. If respondent's month/year last worked was not asked because the respondent reported he/she was only temporarily out of work, RwJLASTM and RwJLASTY are assigned special missing code .t. If respondent's month/year last worked was not asked because the respondent reported he/she was going to school, in employment training, or waiting to take up paid work already obtained, RwJLASTM and RwJLASTY are assigned special missing code .j. If respondent's month/year last worked was not asked because the respondent reported he/she was doing unpaid work for family, RwJLASTM and RwJLASTY are assigned special missing code .f. If the respondent reported the last year they worked was on or before 1990, month last worked was not asked and RwJLASTM is given the special missing value .y. RwJLASTM and RwJLASTY are set to blank missing (.) if the respondent did not participate in the current wave.

SwJLASTM and SwJLASTY are the month and year, respectively, when the respondent’s spouse last worked. They are taken from the spouse's values to RwJLASTM and RwJLASTY, respectively. In addition to the special missing codes employed by RwJLASTM and RwJLASTY, SwJLASTM and SwJLASTY employ two additional special missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value of .v is used.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike in the RAND HRS, RwJLASTM and RwJLASTY in the Harmonized ELSA do not use the months and years given for retirement, disability, unemployment, and temporary layoff to fill in missing job stop dates.

ELSA Variables Used

Index File:
- FINSTATW1 final status after wave 1 fieldwork
- FINSTATW2 final status after wave 2 fieldwork
- FINSTATW3 final status after wave 3 fieldwork
- FINSTATW4 final status after wave 4 fieldwork
- FINSTATW5 final status after w5 fieldwork (from outcome file used

Wave 1 Core:
- AEVERJOB hse feed forward: hse ever had a job
- ANACTIV hse feed forward: hse activity last week
- ASKPX1 whether interviewed by proxy

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    WPACT1          did you do any of these activities during the last month
    WPACT2          did you do any of these activities during the last month
    WPACT3          did you do any of these activities during the last month
    WPACT4          did you do any of these activities during the last month
    WPACT5          did you do any of these activities during the last month
    WPACT6          did you do any of these activities during the last month
    WPAWAY          were you not in paid work or self-employment during the
    WPEVER          have you ever done any paid work?
    WPLLJM          when did your last job end (month)?
    WPLLJY          when did your last job end (year)?
Wave 2 Core:
    ASKPX1          whether interviewed by proxy
    INDAGER         definitive age variable collapsed at 90 plus. priority:
    WPACT1          activities during the last month (1st mention)
    WPACT2          activities during the last month (2nd mention)
    WPACT3          activities during the last month (3rd mention)
    WPACT4          activities during the last month (4th mention)
    WPACT5          activities during the last month (5th mention)
    WPACT6          activities during the last month (6th mention)
    WPAWAY          were you not in paid work during the last month due to a
    WPEVER          have you ever done any paid work?
    WPJOB           have you had a paid job since last time we interviewed y
    WPJOBL          is the job you had last time you were interviewed your m
    WPLLJM          month last job ended
    WPLLJY          year last job ended
Wave 3 Core:
    ASKPX           whether respondent had a proxy interview
    INDAGER         definitive age variable collapsed at 90 plus. priority:
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPAWAY          were you not in paid work during the last month due to a
    WPEVER          have you ever done any paid work?
    WPJOB           have you had a paid job since last time we interviewed y
    WPJOBL          is the job you had last time you were interviewed your m
    WPLLJM          when did your last job end? month
    WPLLJY          when did your last job end? year
Wave 4 Core:
    ASKPX           whether respondent had an interview by proxy
    INDAGER         definitive age variable collapsed at 90 plus. priority:
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPAWAY          were you not in paid work during the last month due to a
    WPEVER          have you ever done any paid work?
    WPJOB           have you had a paid job since last time we interviewed y
    WPJOBL          is the job you had last time you were interviewed your m
    WPLLJM          when did your last job end? month
    WPLLJY          when did your last job end? year
Wave 5 Core:
    INDAGER         definitive age variable collapsed at 90+ to avoid disclo
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPAWAY          were you not in paid work during the last month due to a
    WPEVER          have you ever done any paid work?
    WPJOB           have you had a paid job since last time we interviewed y
    WPJOBL          is the job you had last time you were interviewed your m
    WPLLJM          when did your last job end? month
    WPLLJY          when did your last job end? year
Wave 6 Core:
    FINSTATW6       final status after wave 6 fieldwork
    INDAGER         definitive age variable collapsed at 90+ to avoid disclo
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPAWAY          were you not in paid work during the last month due to a
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    WPEVER          have you ever done any paid work?
    WPJOB           have you had a paid job since last time we interviewed y
    WPJOBL          is the job you had last time you were interviewed your m
    WPLLJM          when did your last job end? month
    WPLLJY          when did your last job end? year
Wave 7 Core:
    ASKPX           whether respondent had an interview by proxy
    FINSTATW7       final status after w7 fieldwork
    INDAGER         definitive age variable collapsed at 90+ to avoid disclo
    WPACTPW         activities during last month: paid work
    WPACTSE         activities during last month: self-employment
    WPAWAY          were you not in paid work during the last month due to a
    WPEVER          have you ever done any paid work?
    WPJOB           have you had a paid job since last time we interviewed y
    WPJOBL          is the job you had last time you were interviewed your m
    WPLLJM          when did your last job end? month
    WPLLJY          when did your last job end? year
```

Section I: Retirement & Expectations

Whether Retired: Considers Self-Retired

Wave	Variable	Label	Type
1	R1RETEMP	r1retemp:w1 whether R retired	Categ
2	R2RETEMP	r2retemp:w2 whether R retired	Categ
3	R3RETEMP	r3retemp:w3 whether R retired	Categ
4	R4RETEMP	r4retemp:w4 whether R retired	Categ
5	R5RETEMP	r5retemp:w5 whether R retired	Categ
6	R6RETEMP	r6retemp:w6 whether R retired	Categ
7	R7RETEMP	r7retemp:w7 whether R retired	Categ
1	S1RETEMP	s1retemp:w1 whether S retired	Categ
2	S2RETEMP	s2retemp:w2 whether S retired	Categ
3	S3RETEMP	s3retemp:w3 whether S retired	Categ
4	S4RETEMP	s4retemp:w4 whether S retired	Categ
5	S5RETEMP	s5retemp:w5 whether S retired	Categ
6	S6RETEMP	s6retemp:w6 whether S retired	Categ
7	S7RETEMP	s7retemp:w7 whether S retired	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RETEMP	12089	0.48	0.50	0.00	1.00
R2RETEMP	9430	0.51	0.50	0.00	1.00
R3RETEMP	9767	0.47	0.50	0.00	1.00
R4RETEMP	11038	0.51	0.50	0.00	1.00
R5RETEMP	10266	0.56	0.50	0.00	1.00
R6RETEMP	10599	0.56	0.50	0.00	1.00
R7RETEMP	9666	0.59	0.49	0.00	1.00
S1RETEMP	8061	0.42	0.49	0.00	1.00
S2RETEMP	6177	0.45	0.50	0.00	1.00
S3RETEMP	6385	0.41	0.49	0.00	1.00
S4RETEMP	7394	0.46	0.50	0.00	1.00
S5RETEMP	6958	0.51	0.50	0.00	1.00
S6RETEMP	7240	0.51	0.50	0.00	1.00
S7RETEMP	6560	0.55	0.50	0.00	1.00

Categorical Variable Codes

Value	R1RETEMP	R2RETEMP	R3RETEMP	R4RETEMP	R5RETEMP	R6RETEMP	R7RETEMP
.d:DK	6	1	2	4	4		
.r:Refuse	4	1	2	8	4	2	
0.no	6296	4606	5150	5434	4533	4656	4008
1.yes	5793	4824	4617	5604	5733	5943	5658

Value	S1RETEMP	S2RETEMP	S3RETEMP	S4RETEMP	S5RETEMP	S6RETEMP	S7RETEMP
.d:DK	5		1	2	3		
.r:Refuse	4	1		6	3	2	
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	4677	3395	3784	4027	3416	3512	2966
1.yes	3384	2782	2601	3367	3542	3728	3594

How Constructed

RwRETEMP identifies whether the respondent is retired. RwRETEMP is captured by the question "Which one of these, would you say best describes your current situation?" The user could choose between the following list: retired, employed, self-employed, unemployed, permanently sick or disabled, looking after home or

family, or other. The respondent was also allowed to report they were semi-retired. A value of 0 indicates the respondent is not retired or semi-retired. A value of 1 indicates the respondent is retired or semi-retired. Don’t know, refused, or other missing responses of RwRETEMP are assigned special missing codes .d, .r, .m, respectively. RwRETEMP is set to plain missing (.) for respondents who did not respond to the current wave.

SwRETEMP identifies whether the current wave's spouse is retired or semi-retired, and its values are taken from RwRETEMP. In addition to the special missing codes used in RwRETEMP, SwRETEMP employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the ELSA, HRS asks the respondent directly whether he/she is retired.

ELSA Variables Used

```
Wave 1 Core:
    WPDES          which one of these would you say best describes your cur
Wave 2 Core:
    WPDES          best description of current situation
Wave 3 Core:
    WPDES          best description of current situation
Wave 4 Core:
    WPDES          best description of current situation
Wave 5 Core:
    WPDES          best description of current situation
Wave 6 Core:
    WPDES          best description of current situation
Wave 7 Core:
    WPDES          best description of current situation
```

Whether Retired: Retirement Age

Wave	Variable	Label	Type
1	R1RETAGE	r1retage:w1 R retirement age	Cont
2	R2RETAGE	r2retage:w2 R retirement age	Cont
3	R3RETAGE	r3retage:w3 R retirement age	Cont
4	R4RETAGE	r4retage:w4 R retirement age	Cont
5	R5RETAGE	r5retage:w5 R retirement age	Cont
6	R6RETAGE	r6retage:w6 R retirement age	Cont
7	R7RETAGE	r7retage:w7 R retirement age	Cont
1	S1RETAGE	s1retage:w1 S retirement age	Cont
2	S2RETAGE	s2retage:w2 S retirement age	Cont
3	S3RETAGE	s3retage:w3 S retirement age	Cont
4	S4RETAGE	s4retage:w4 S retirement age	Cont
5	S5RETAGE	s5retage:w5 S retirement age	Cont
6	S6RETAGE	s6retage:w6 S retirement age	Cont
7	S7RETAGE	s7retage:w7 S retirement age	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RETAGE	5713	59.31	7.46	16.00	107.00
R2RETAGE	5341	58.88	7.63	19.00	107.00
R3RETAGE	5122	58.68	7.77	17.00	107.00
R4RETAGE	6034	58.57	7.55	17.00	107.00
R5RETAGE	6252	58.74	7.34	18.00	107.00
R6RETAGE	6417	59.01	7.17	16.00	81.00
R7RETAGE	6125	59.17	7.11	16.00	85.00
S1RETAGE	3349	59.29	7.07	16.00	107.00
S2RETAGE	3130	59.00	7.01	19.00	107.00
S3RETAGE	2922	58.73	7.25	19.00	107.00
S4RETAGE	3628	58.63	7.09	19.00	107.00
S5RETAGE	3888	58.77	7.10	18.00	107.00
S6RETAGE	4059	59.14	6.78	18.00	80.00
S7RETAGE	3893	59.38	6.63	18.00	82.00

How Constructed

RwRETAGE is the respondent's retirement age. After the respondent reported he/she was retired, the respondent was then asked the age at which he/she retired. If the respondent reported he/she retired at age 0, then the respondent is assigned special missing value .n. Don’t know, refused, or other missing responses of RwRETAGE are assigned special missing codes .d, .r, .m, respectively. RwRETAGE is set to special missing .z if the respondent is not retired. RwRETAGE is set to plain missing (.) for respondents who did not respond to the current wave.

SwRETAGE is the current wave's spouse's retirement age, and its values are taken from RwRETAGE. In addition to the special missing codes used in RwRETAGE, SwRETAGE employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, ELSA does not ask respondent's retirement month and year, but rather the age at which the respondent retired.

ELSA Variables Used

```
Wave 1 Core:
    WPRAGE         you said earlier that you were (semi)retired, at what ag
Wave 2 Core:
    WPRAGE         you said earlier that you were (semi)retired, at what ag
Wave 3 Core:
    WPRAGE         you said earlier that you were (semi-)retired, at what a
Wave 4 Core:
    WPRAGE         you said earlier that you were (semi-)retired, at what a
Wave 5 Core:
    WPRAGE         you said earlier that you were (semi-)retired, at what a
Wave 6 Core:
    WPRAGE         you said earlier that you were (semi-)retired, at what a
Wave 7 Core:
    WPRAGE         you said earlier that you were (semi-)retired, at what a
```

Self-Reported Probability of Living to a Specific Age

Wave	Variable	Label	Type
1	R1LIV10	r1liv10:w1 R probability of living to 75-120	Cont
2	R2LIV10	r2liv10:w2 R probability of living to 75-120	Cont
3	R3LIV10	r3liv10:w3 R probability of living to 75-120	Cont
4	R4LIV10	r4liv10:w4 R probability of living to 75-120	Cont
5	R5LIV10	r5liv10:w5 R probability of living to 75-120	Cont
6	R6LIV10	r6liv10:w6 R probability of living to 75-120	Cont
7	R7LIV10	r7liv10:w7 R probability of living to 75-120	Cont
1	S1LIV10	s1liv10:w1 S probability of living to 75-120	Cont
2	S2LIV10	s2liv10:w2 S probability of living to 75-120	Cont
3	S3LIV10	s3liv10:w3 S probability of living to 75-120	Cont
4	S4LIV10	s4liv10:w4 S probability of living to 75-120	Cont
5	S5LIV10	s5liv10:w5 S probability of living to 75-120	Cont
6	S6LIV10	s6liv10:w6 S probability of living to 75-120	Cont
7	S7LIV10	s7liv10:w7 S probability of living to 75-120	Cont
1	R1LIV10A	r1liv10a:w1 R age used in live 75-120	Cont
2	R2LIV10A	r2liv10a:w2 R age used in live 75-120	Cont
3	R3LIV10A	r3liv10a:w3 R age used in live 75-120	Cont
4	R4LIV10A	r4liv10a:w4 R age used in live 75-120	Cont
5	R5LIV10A	r5liv10a:w5 R age used in live 75-120	Cont
6	R6LIV10A	r6liv10a:w6 R age used in live 75-120	Cont
7	R7LIV10A	r7liv10a:w7 R age used in live 75-120	Cont
1	S1LIV10A	s1liv10a:w1 S age used in live 75-120	Cont
2	S2LIV10A	s2liv10a:w2 S age used in live 75-120	Cont
3	S3LIV10A	s3liv10a:w3 S age used in live 75-120	Cont
4	S4LIV10A	s4liv10a:w4 S age used in live 75-120	Cont
5	S5LIV10A	s5liv10a:w5 S age used in live 75-120	Cont
6	S6LIV10A	s6liv10a:w6 S age used in live 75-120	Cont
7	S7LIV10A	s7liv10a:w7 S age used in live 75-120	Cont
3	R3LIV85	r3liv85:w3 R probability of living to age 85	Cont
4	R4LIV85	r4liv85:w4 R probability of living to age 85	Cont
5	R5LIV85	r5liv85:w5 R probability of living to age 85	Cont
6	R6LIV85	r6liv85:w6 R probability of living to age 85	Cont
7	R7LIV85	r7liv85:w7 R probability of living to age 85	Cont
3	S3LIV85	s3liv85:w3 S probability of living to age 85	Cont
4	S4LIV85	s4liv85:w4 S probability of living to age 85	Cont
5	S5LIV85	s5liv85:w5 S probability of living to age 85	Cont
6	S6LIV85	s6liv85:w6 S probability of living to age 85	Cont
7	S7LIV85	s7liv85:w7 S probability of living to age 85	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LIV10	11502	56.40	28.32	0.00	100.00
R2LIV10	9111	57.40	27.66	0.00	100.00
R3LIV10	9372	58.24	27.29	0.00	100.00
R4LIV10	10421	58.85	27.42	0.00	100.00
R5LIV10	9536	59.98	26.42	0.00	100.00
R6LIV10	9754	58.84	27.52	0.00	100.00
R7LIV10	8873	59.26	27.17	0.00	100.00
S1LIV10	7705	58.96	26.63	0.00	100.00

S2LIV10	5985	59.78	25.93	0.00	100.00
S3LIV10	6146	61.34	25.19	0.00	100.00
S4LIV10	6968	61.61	25.75	0.00	100.00
S5LIV10	6436	62.49	24.78	0.00	100.00
S6LIV10	6628	60.89	26.28	0.00	100.00
S7LIV10	5965	61.59	25.83	0.00	100.00
R1LIV10A	12004	80.25	7.33	75.00	100.00
R2LIV10A	9432	81.07	7.76	75.00	100.00
R3LIV10A	9771	80.67	7.84	75.00	100.00
R4LIV10A	11050	80.54	7.59	75.00	100.00
R5LIV10A	10274	80.85	7.50	75.00	100.00
R6LIV10A	10601	80.81	7.47	75.00	100.00
R7LIV10A	9666	81.38	7.57	75.00	100.00
S1LIV10A	8060	78.89	6.22	75.00	100.00
S2LIV10A	6178	79.49	6.58	75.00	100.00
S3LIV10A	6386	79.03	6.47	75.00	100.00
S4LIV10A	7402	79.18	6.42	75.00	100.00
S5LIV10A	6964	79.74	6.63	75.00	100.00
S6LIV10A	7242	79.84	6.72	75.00	100.00
S7LIV10A	6560	80.40	6.87	75.00	100.00
R3LIV85	6377	48.52	25.85	0.00	100.00
R4LIV85	7043	49.56	25.81	0.00	100.00
R5LIV85	6125	52.34	25.12	0.00	100.00
R6LIV85	6334	49.38	26.55	0.00	100.00
R7LIV85	5465	52.20	25.99	0.00	100.00
S3LIV85	4652	49.55	25.25	0.00	100.00
S4LIV85	5157	50.46	25.24	0.00	100.00
S5LIV85	4547	53.24	24.43	0.00	100.00
S6LIV85	4698	50.06	25.83	0.00	100.00
S7LIV85	4024	53.29	25.37	0.00	100.00

How Constructed

RwLIV10 is the self-reported probability of living to 75 if the respondent is under 65; probability of living to 80 if the respondent is aged 66 to 69; probability of living to 85 if the respondent is aged 70-74; probability of living to 90 if the respondent is aged 75-79; probability of living to 95 if the respondent is aged 80-84; probability of living to 100 if the respondent is aged 85-99; probability of living to 105 if the respondent is aged 100-104; probability of living to 110 if the respondent is aged 105-109 and probability of living to 120 if the respondent is aged 110-119. Respondents were asked to report the probability from 0 to 100. Because respondent’s age is top-coded at 90 years old, all respondents who report an age of 90 or older are assigned special missing value .t for RwLIV10, as it is not possible to identify the age that was asked to the respondent for RwLIV10. Don’t know, refused, or other missing responses of RwLIV10 are assigned special missing codes .d, .r, .m, respectively. RwLIV10 is set to special missing .p if the questions were skipped because the interview was by proxy.

RwLIV10A identifies the age that was asked to the respondent for RwLIV10. RwLIV10 and RwLIV10A are set to plain missing (.) for respondents who did not respond to the current wave.

SwLIV10 is the current wave's spouse's self-reported probability of living to a specific age given the age of the respondent. SwLIV10A is the age that was asked to the current wave's spouse for SwLIV10. In addition to the special missing codes used in RwLIV10 and RwLIV10A, SwLIV10 and SwLIV10A employ two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwLIV85 is the self-reported probability of living to age 85. Respondents were asked to report the probability from 0 to 100. This question is only asked to respondents who are younger than 70 years old and reported a probability greater than 0 in RwLIV10. Respondents who are younger than 70 and reported a 0 probability in RwLIV10 are assigned a 0 value in RwLIV85. RwLIV85 is set to special missing .i if the

respondent is 70 years or older and was not asked this question. Don’t know, refused, or other missing responses of RwLIV85 are assigned special missing codes .d, .r, .m, respectively. RwLIV85 is set to special missing .p if the questions were skipped because the interview was by proxy. RwLIV85 is set to plain missing (.) for respondents who did not respond to the current wave.

SwLIV85 is the current wave's spouse's self-reported probability of living to age 85. In addition to the special missing codes used in RwLIV85, SwLIV85 employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

The self-reported probability of living to age 85 is not asked in Waves 1 and 2.

Differences with the RAND HRS

Unlike the HRS which only asked the self-reported probability of living to age 85 in Waves 1-4, in ELSA the self-reported probability of living to age 85 is asked in all waves after Wave 2. ELSA uses a different set of ages to measure the probability of living to a specific age than the HRS. In particular, the ages used by ELSA range from 75-120 while the ages used in the HRS range from 80-100.

ELSA Variables Used

```
Wave 1 Core:
    ASKPX1         whether interviewed by proxy
    EXLO80         what are the chances that you will live to be [75/80/85/
    INDAGER        age variable combined info from hh grid and individual d
Wave 2 Core:
    ASKPX1         whether interviewed by proxy
    EXLO80         expectation (%) that they will live to [age] [depends on
    INDAGER        definitive age variable collapsed at 90 plus. priority:
Wave 3 Core:
    ASKPX          whether respondent had a proxy interview
    EXLO80         expectation (%) that they will live to [age] [depends on
    EXLO90         expectation (%) that they will live to 85 years or more
    INDAGER        definitive age variable collapsed at 90 plus. priority:
Wave 4 Core:
    ASKPX          whether respondent had an interview by proxy
    EXLO80         expectation (%) that they will live to [age] [depends on
    EXLO90         expectation (%) that they will live to be 85 years old o
    INDAGER        definitive age variable collapsed at 90 plus. priority:
Wave 5 Core:
    ASKPX          whether respondent had an interview by proxy
    EXLO80         expectation (%) that they will live to [age] [depends on
    EXLO90         expectation (%) that they will live to be 85 years old o
    INDAGER        definitive age variable collapsed at 90+ to avoid disclo
Wave 6 Core:
    ASKPX          whether respondent had an interview by proxy
    EXLO80         expectation (%) that they will live to [age] [depends on
    EXLO90         expectation (%) that they will live to be 85 years old o
    INDAGER        definitive age variable collapsed at 90+ to avoid disclo
Wave 7 Core:
    ASKPX          whether respondent had an interview by proxy
    EXLO80         expectation (%) that they will live to [age] [depends on
    EXLO90         expectation (%) that they will live to be 85 years old o
    INDAGER        definitive age variable collapsed at 90+ to avoid disclo
```

Self-Reported Probability of Receiving an Inheritance

Wave	Variable	Label	Type
1	R1INHER	r1inher:w1 R probability of receiving an inheritance	Cont
2	R2INHER	r2inher:w2 R probability of receiving an inheritance	Cont
3	R3INHER	r3inher:w3 R probability of receiving an inheritance	Cont
4	R4INHER	r4inher:w4 R probability of receiving an inheritance	Cont
5	R5INHER	r5inher:w5 R probability of receiving an inheritance	Cont
6	R6INHER	r6inher:w6 R probability of receiving an inheritance	Cont
7	R7INHER	r7inher:w7 R probability of receiving an inheritance	Cont
1	S1INHER	s1inher:w1 S probability of receiving an inheritance	Cont
2	S2INHER	s2inher:w2 S probability of receiving an inheritance	Cont
3	S3INHER	s3inher:w3 S probability of receiving an inheritance	Cont
4	S4INHER	s4inher:w4 S probability of receiving an inheritance	Cont
5	S5INHER	s5inher:w5 S probability of receiving an inheritance	Cont
6	S6INHER	s6inher:w6 S probability of receiving an inheritance	Cont
7	S7INHER	s7inher:w7 S probability of receiving an inheritance	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1INHER	11614	17.62	31.02	0.00	100.00
R2INHER	9171	16.77	30.24	0.00	100.00
R3INHER	7485	23.63	34.07	0.00	100.00
R4INHER	8502	22.70	34.04	0.00	100.00
R5INHER	7496	22.92	33.72	0.00	100.00
R6INHER	7591	23.29	34.39	0.00	100.00
R7INHER	6725	23.48	34.26	0.00	100.00
S1INHER	7735	20.52	32.63	0.00	100.00
S2INHER	5996	19.37	31.74	0.00	100.00
S3INHER	5336	26.09	34.92	0.00	100.00
S4INHER	6068	24.40	34.68	0.00	100.00
S5INHER	5449	24.61	34.51	0.00	100.00
S6INHER	5548	24.65	35.00	0.00	100.00
S7INHER	4874	24.42	34.58	0.00	100.00

How Constructed

RwINHER is the self-reported probability of receiving an inheritance during the next 10 years. Respondents were asked to report the probability from 0 to 100. Don’t know, refused, or other missing responses of RwINHER are assigned special missing codes .d, .r, .m respectively. RwINHER is set to special missing .p if the question was skipped because the interview was by proxy. Starting in wave 3, RwINHER is set to special missing .i if the respondent was not asked the question due to a skip pattern which skipped this question for respondents older than 75. RwINHER is set to plain missing (.) for respondents who did not respond to the current wave.

SwINHER is the current wave's spouse's self-reported probability of receiving an inheritance during the next 10 years. In addition to the special missing codes used in RwINHER, SwINHER employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

Starting in Wave 3, ELSA only asked the self-reported probability of receiving an inheritance if the respondent was younger than 75 years old.

Differences with the RAND HRS

The self-reported probability of receiving an inheritance was asked to all respondents in HRS, regardless of age.

This question is dropped after HRS Wave 9.

ELSA Variables Used

```
Wave 1 Core:
    ASKPX1         whether interviewed by proxy
    EXAINH         including property and valuables, what are the chances t
    INDAGER        age variable combined info from hh grid and individual d
Wave 2 Core:
    ASKPX1         whether interviewed by proxy
    EXAINH         expectation (%) that they will receive inheritance durin
    INDAGER        definitive age variable collapsed at 90 plus. priority:
Wave 3 Core:
    ASKPX          whether respondent had a proxy interview
    EXAINH         expectation (%) that they will receive inheritance durin
    INDAGER        definitive age variable collapsed at 90 plus. priority:
Wave 4 Core:
    ASKPX          whether respondent had an interview by proxy
    EXAINH         expectation (%) that they will receive inheritance durin
    INDAGER        definitive age variable collapsed at 90 plus. priority:
Wave 5 Core:
    ASKPX          whether respondent had an interview by proxy
    EXAINH         expectation (%) that they will receive inheritance durin
    INDAGER        definitive age variable collapsed at 90+ to avoid disclo
Wave 6 Core:
    ASKPX          whether respondent had an interview by proxy
    EXAINH         expectation (%) that they will receive inheritance durin
    INDAGER        definitive age variable collapsed at 90+ to avoid disclo
Wave 7 Core:
    ASKPX          whether respondent had an interview by proxy
    EXAINH         expectation (%) that they will receive inheritance durin
    INDAGER        definitive age variable collapsed at 90+ to avoid disclo
```

Self-Reported Probability of Leaving a Bequest

Wave	Variable	Label	Type
1	R1BEQ50P	r1beq50p:w1 R probability of leaving bequest 50K+	Cont
2	R2BEQ50P	r2beq50p:w2 R probability of leaving bequest 50K+	Cont
3	R3BEQ50P	r3beq50p:w3 R probability of leaving bequest 50K+	Cont
4	R4BEQ50P	r4beq50p:w4 R probability of leaving bequest 50K+	Cont
5	R5BEQ50P	r5beq50p:w5 R probability of leaving bequest 50K+	Cont
6	R6BEQ50P	r6beq50p:w6 R probability of leaving bequest 50K+	Cont
7	R7BEQ50P	r7beq50p:w7 R probability of leaving bequest 50K+	Cont
1	S1BEQ50P	s1beq50p:w1 S probability of leaving bequest 50K+	Cont
2	S2BEQ50P	s2beq50p:w2 S probability of leaving bequest 50K+	Cont
3	S3BEQ50P	s3beq50p:w3 S probability of leaving bequest 50K+	Cont
4	S4BEQ50P	s4beq50p:w4 S probability of leaving bequest 50K+	Cont
5	S5BEQ50P	s5beq50p:w5 S probability of leaving bequest 50K+	Cont
6	S6BEQ50P	s6beq50p:w6 S probability of leaving bequest 50K+	Cont
7	S7BEQ50P	s7beq50p:w7 S probability of leaving bequest 50K+	Cont
1	R1BEQ150P	r1beq150p:w1 R probability of leaving bequest 150K+	Cont
2	R2BEQ150P	r2beq150p:w2 R probability of leaving bequest 150K+	Cont
3	R3BEQ150P	r3beq150p:w3 R probability of leaving bequest 150K+	Cont
4	R4BEQ150P	r4beq150p:w4 R probability of leaving bequest 150K+	Cont
5	R5BEQ150P	r5beq150p:w5 R probability of leaving bequest 150K+	Cont
6	R6BEQ150P	r6beq150p:w6 R probability of leaving bequest 150K+	Cont
7	R7BEQ150P	r7beq150p:w7 R probability of leaving bequest 150K+	Cont
1	S1BEQ150P	s1beq150p:w1 S probability of leaving bequest 150K+	Cont
2	S2BEQ150P	s2beq150p:w2 S probability of leaving bequest 150K+	Cont
3	S3BEQ150P	s3beq150p:w3 S probability of leaving bequest 150K+	Cont
4	S4BEQ150P	s4beq150p:w4 S probability of leaving bequest 150K+	Cont
5	S5BEQ150P	s5beq150p:w5 S probability of leaving bequest 150K+	Cont
6	S6BEQ150P	s6beq150p:w6 S probability of leaving bequest 150K+	Cont
7	S7BEQ150P	s7beq150p:w7 S probability of leaving bequest 150K+	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1BEQ50P	11539	64.36	41.34	0.00	100.00
R2BEQ50P	9129	68.87	39.50	0.00	100.00
R3BEQ50P	9330	71.00	38.35	0.00	100.00
R4BEQ50P	10381	71.52	37.81	0.00	100.00
R5BEQ50P	9540	71.44	37.11	0.00	100.00
R6BEQ50P	9756	71.22	37.36	0.00	100.00
R7BEQ50P	8862	71.27	37.38	0.00	100.00
S1BEQ50P	7697	70.87	38.04	0.00	100.00
S2BEQ50P	5967	75.45	35.17	0.00	100.00
S3BEQ50P	6108	77.21	33.75	0.00	100.00
S4BEQ50P	6937	77.26	33.38	0.00	100.00
S5BEQ50P	6436	77.08	32.69	0.00	100.00
S6BEQ50P	6614	76.65	33.06	0.00	100.00
S7BEQ50P	5948	76.17	33.64	0.00	100.00
R1BEQ150P	11437	39.91	42.44	0.00	100.00
R2BEQ150P	9055	51.26	42.93	0.00	100.00
R3BEQ150P	9259	56.42	42.27	0.00	100.00
R4BEQ150P	10330	56.65	41.65	0.00	100.00
R5BEQ150P	9486	56.13	41.04	0.00	100.00

R6BEQ150P	9681	54.10	41.46	0.00	100.00
R7BEQ150P	8807	55.79	41.47	0.00	100.00
S1BEQ150P	7635	45.93	42.59	0.00	100.00
S2BEQ150P	5925	58.44	41.23	0.00	100.00
S3BEQ150P	6069	63.68	39.77	0.00	100.00
S4BEQ150P	6909	63.06	39.29	0.00	100.00
S5BEQ150P	6405	62.20	38.83	0.00	100.00
S6BEQ150P	6571	59.78	39.49	0.00	100.00
S7BEQ150P	5922	61.11	39.47	0.00	100.00

How Constructed

RwBEQ50P and RwBEQ150P are self-reported probabilities that the respondent will leave a bequest. Respondents were asked to report the probability from 0 to 100. RwBEQ50P indicates the probability that the respondent will leave a bequest of 50,000 pounds or more. If the respondent reported a probability greater than 0, the respondent is then asked the probability of leaving 150,000 pounds or more. RwBEQ150P indicates the probability that the respondent will leave a bequest of 150,000 pounds or more. If the respondent was not asked whether they would leave 150,000 pounds because they reported a 0 probability of leaving 50,000 pounds, he/she is assigned a 0 value for RwBEQ150P. Don’t know, refused, or other missing responses of RwBEQ50P and RwBEQ150P are assigned special missing codes .d, .r, .m, respectively. RwBEQ50P and RwBEQ150P are set to special missing .p if the questions were skipped because the interview was by proxy. RwBEQ50P and RwBEQ150P are set to plain missing (.) for respondents who did not respond to the current wave.

SwBEQ50P and SwBEQ150P are the current wave's spouse's self-reported probabilities of leaving a bequest in the next 10 years. In addition to the special missing codes used in RwBEQ50P and RwBEQ150P, SwBEQ50P and SwBEQ150P employ two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike the HRS, ELSA asks bequest amounts using the British pound, rather than the U.S. dollar.

ELSA Variables Used

```
Wave 1 Core:
    ASKPX1         whether interviewed by proxy
    EXCIN          including property and other valuables that you [and you
    EXCPIN         what are the chances that you [and your husband/wife/par
Wave 2 Core:
    ASKPX1         whether interviewed by proxy
    EXCIN          expectation (%) that they [& partner] will leave inherit
    EXCPIN         expectation (%) that they [& partner] will leave inherit
Wave 3 Core:
    ASKPX          whether respondent had a proxy interview
    EXCIN          expectation (%) that they [& partner] will leave inherit
    EXCPIN         expectation (%) that they [& partner] will leave inherit
Wave 4 Core:
    ASKPX          whether respondent had an interview by proxy
    EXCIN          expectation (%) that they [& partner] will leave inherit
    EXCPIN         expectation (%) that they [& partner] will leave inherit
Wave 5 Core:
    ASKPX          whether respondent had an interview by proxy
    EXCIN          expectation (%) that they [& partner] will leave inherit
    EXCPIN         expectation (%) that they [& partner] will leave inherit
Wave 6 Core:
```

```
    ASKPX          whether respondent had an interview by proxy
    EXCIN          expectation (%) that they [& partner] will leave inherit
    EXCPIN         expectation (%) that they [& partner] will leave inherit
Wave 7 Core:
    ASKPX          whether respondent had an interview by proxy
    EXCIN          expectation (%) that they [& partner] will leave inherit
    EXCPIN         expectation (%) that they [& partner] will leave inherit
```

Self -Reported Probability of Working Full-Time After a Specific Age

Wave	Variable	Label	Type
1	R1WORKAT	r1workat:w1 R probability of working full time after age	Cont
2	R2WORKAT	r2workat:w2 R probability of working full time after age	Cont
3	R3WORKAT	r3workat:w3 R probability of working full time after age	Cont
4	R4WORKAT	r4workat:w4 R probability of working full time after age	Cont
5	R5WORKAT	r5workat:w5 R probability of working full time after age	Cont
6	R6WORKAT	r6workat:w6 R probability of working full time after age	Cont
7	R7WORKAT	r7workat:w7 R probability of working full time after age	Cont
1	S1WORKAT	s1workat:w1 S probability of working full time after age	Cont
2	S2WORKAT	s2workat:w2 S probability of working full time after age	Cont
3	S3WORKAT	s3workat:w3 S probability of working full time after age	Cont
4	S4WORKAT	s4workat:w4 S probability of working full time after age	Cont
5	S5WORKAT	s5workat:w5 S probability of working full time after age	Cont
6	S6WORKAT	s6workat:w6 S probability of working full time after age	Cont
7	S7WORKAT	s7workat:w7 S probability of working full time after age	Cont
1	R1WORKATA	r1workata:w1 R age used in probability of working full time	Cont
2	R2WORKATA	r2workata:w2 R age used in probability of working full time	Cont
3	R3WORKATA	r3workata:w3 R age used in probability of working full time	Cont
4	R4WORKATA	r4workata:w4 R age used in probability of working full time	Cont
5	R5WORKATA	r5workata:w5 R age used in probability of working full time	Cont
6	R6WORKATA	r6workata:w6 R age used in probability of working full time	Cont
7	R7WORKATA	r7workata:w7 R age used in probability of working full time	Cont
1	S1WORKATA	s1workata:w1 S age used in probability of working full time	Cont
2	S2WORKATA	s2workata:w2 S age used in probability of working full time	Cont
3	S3WORKATA	s3workata:w3 S age used in probability of working full time	Cont
4	S4WORKATA	s4workata:w4 S age used in probability of working full time	Cont
5	S5WORKATA	s5workata:w5 S age used in probability of working full time	Cont
6	S6WORKATA	s6workata:w6 S age used in probability of working full time	Cont
7	S7WORKATA	s7workata:w7 S age used in probability of working full time	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WORKAT	5511	49.32	40.45	0.00	100.00
R2WORKAT	3800	48.97	39.35	0.00	100.00
R3WORKAT	4458	55.70	39.42	0.00	100.00
R4WORKAT	4502	54.54	40.57	0.00	100.00
R5WORKAT	3511	52.92	40.11	0.00	100.00
R6WORKAT	3579	56.87	40.57	0.00	100.00
R7WORKAT	2868	57.89	40.28	0.00	100.00
S1WORKAT	4230	49.49	40.16	0.00	100.00
S2WORKAT	2894	49.57	38.92	0.00	100.00
S3WORKAT	3365	56.70	38.77	0.00	100.00
S4WORKAT	3429	55.12	40.11	0.00	100.00
S5WORKAT	2735	53.73	39.82	0.00	100.00
S6WORKAT	2730	57.18	40.29	0.00	100.00
S7WORKAT	2180	57.97	40.08	0.00	100.00
R1WORKATA	5666	62.53	2.50	60.00	65.00
R2WORKATA	3868	62.61	2.50	60.00	65.00
R3WORKATA	4576	62.56	2.50	60.00	65.00
R4WORKATA	4738	62.71	2.49	60.00	65.00
R5WORKATA	3927	62.77	2.49	60.00	65.00

R6WORKATA	4063	62.69	2.49	60.00	65.00
R7WORKATA	3311	62.75	2.49	60.00	65.00
S1WORKATA	4357	62.64	2.50	60.00	65.00
S2WORKATA	2957	62.71	2.49	60.00	65.00
S3WORKATA	3466	62.67	2.49	60.00	65.00
S4WORKATA	3640	62.78	2.48	60.00	65.00
S5WORKATA	2976	62.87	2.47	60.00	65.00
S6WORKATA	3021	62.83	2.48	60.00	65.00
S7WORKATA	2455	62.87	2.47	60.00	65.00

How Constructed

RwWORKAT is the self-reported probability of working full-time after a specific age. Respondents were asked to report the probability from 0 to 100. If the respondent is female and younger than 55, she will be asked the probability of working full-time after 55. If respondent is female and younger than 60, she will be asked the probability of working full-time after 60. If respondent is male and younger than 60, he will be asked the probability of working full-time after 60. If respondent is male and younger than 65, he will be asked the probability of working full-time after 65. RwWORKAT is set to special missing .i if the respondent is not asked the question because of the respondent's age. Don’t know, refused, or other missing responses of RwWORKAT are assigned special missing codes .d, .r, .m, respectively. RwWORKAT is set to special missing .p if the questions were skipped because the interview was by proxy.

RwWORKATA is the age used in the self-reported probability of working full-time. RwWORKAT and RwWORKATA are set to plain missing (.) for respondents who did not respond to the current wave.

SwWORKAT and SwWORKATA are the current wave's spouse's self-reported probability of working FT after a specific age, and the age that was used. In addition to the special missing codes used in RwWORKAT and RwWORKATA, SwWORKAT and SwWORKATA employ two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

This variable is not included in the RAND HRS.

ELSA Variables Used

```
Wave 1 Core:
    ASKPX1         whether interviewed by proxy
    EXPW           thinking about paid work in general [and not just your p
    INDAGER        age variable combined info from hh grid and individual d
    INDSEX         sex - priority: disex, dhsex
Wave 2 Core:
    ASKPX1         whether interviewed by proxy
    EXPW           expectation (%) that that they will be working after [ag
    INDAGER        definitive age variable collapsed at 90 plus. priority:
    INDSEX         definitive sex variable. priority: disex, dhsex
Wave 3 Core:
    ASKPX          whether respondent had a proxy interview
    EXPW           expectation (%) that that they will be working after [ag
    INDAGER        definitive age variable collapsed at 90 plus. priority:
    INDSEX         definitive sex variable. priority: disex, dhsex
Wave 4 Core:
    ASKPX          whether respondent had an interview by proxy
    EXPW           expectation (%) that that they will be working after [ag
    INDAGER        definitive age variable collapsed at 90 plus. priority:
```

```
    INDSEX          definitive sex variable. priority: disex, dhsex
Wave 5 Core:
    ASKPX           whether respondent had an interview by proxy
    EXPW            expectation (%) that that they will be working after [ag
    INDAGER         definitive age variable collapsed at 90+ to avoid disclo
    INDSEX          definitive sex variable
Wave 6 Core:
    ASKPX           whether respondent had an interview by proxy
    EXPW            expectation (%) that that they will be working after [ag
    INDAGER         definitive age variable collapsed at 90+ to avoid disclo
    INDSEX          definitive sex variable: priority disex, dhsex
Wave 7 Core:
    ASKPX           whether respondent had an interview by proxy
    EXPW            expectation (%) that that they will be working after [ag
    INDAGER         definitive age variable collapsed at 90+ to avoid disclo
    INDSEX          definitive sex variable: priority disex, dhsex
```

Self-Reported Probability of Having a Work Limiting Health Problem Before Age 65

Wave	Variable	Label	Type
1	R1WORKL65	r1workl65:w1 R work limit health problem after age 65	Cont
2	R2WORKL65	r2workl65:w2 R work limit health problem after age 65	Cont
3	R3WORKL65	r3workl65:w3 R work limit health problem after age 65	Cont
4	R4WORKL65	r4workl65:w4 R work limit health problem after age 65	Cont
5	R5WORKL65	r5workl65:w5 R work limit health problem after age 65	Cont
6	R6WORKL65	r6workl65:w6 R work limit health problem after age 65	Cont
7	R7WORKL65	r7workl65:w7 R work limit health problem after age 65	Cont
1	S1WORKL65	s1workl65:w1 S work limit health problem after age 65	Cont
2	S2WORKL65	s2workl65:w2 S work limit health problem after age 65	Cont
3	S3WORKL65	s3workl65:w3 S work limit health problem after age 65	Cont
4	S4WORKL65	s4workl65:w4 S work limit health problem after age 65	Cont
5	S5WORKL65	s5workl65:w5 S work limit health problem after age 65	Cont
6	S6WORKL65	s6workl65:w6 S work limit health problem after age 65	Cont
7	S7WORKL65	s7workl65:w7 S work limit health problem after age 65	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WORKL65	4071	38.54	27.94	0.00	100.00
R2WORKL65	2905	35.78	26.82	0.00	100.00
R3WORKL65	3572	37.74	27.41	0.00	100.00
R4WORKL65	3658	34.36	27.16	0.00	100.00
R5WORKL65	2834	33.88	27.11	0.00	100.00
R6WORKL65	2918	33.88	27.12	0.00	100.00
R7WORKL65	2451	33.68	26.84	0.00	100.00
S1WORKL65	3180	38.55	27.75	0.00	100.00
S2WORKL65	2251	36.00	26.55	0.00	100.00
S3WORKL65	2779	38.23	27.48	0.00	100.00
S4WORKL65	2829	34.46	26.86	0.00	100.00
S5WORKL65	2243	34.40	27.11	0.00	100.00
S6WORKL65	2274	33.72	27.05	0.00	100.00
S7WORKL65	1894	32.89	26.76	0.00	100.00

How Constructed

RwWORKL65 is the self-reported probability of having a work limiting health problem before age 65. Respondents were asked to report the probability from 0 to 100. This question is only asked to respondents who are currently working (paid work or self-employed) and younger than 65. RwWORKL65 is set to special missing .i if the respondent was not asked the question because he/she is 65 or older. RwWORKL65 is set to special missing .w if the respondent was not asked this question because he/she is not currently working. Don’t know, refused, or other missing responses of RwWORKL65 are assigned special missing codes .d, .r, .m, respectively. RwWORKL65 is set to special missing .p if the question was skipped because the interview was by proxy. RwWORKL65 is set to plain missing (.) for respondents who did not respond to the current wave.

SwWORKL65 is the current wave's spouse's self-reported probability of having a work limiting health problem before age 65. In addition to the special missing codes used in RwWORKL65, SwWORKL65 employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

Unlike ELSA, HRS asks the respondent the probability of having a work limiting health problem in the next 10 years.

ELSA Variables Used

```
Wave 1 Core:
    ASKPX1         whether interviewed by proxy
    EXHLIM         what are the chances that your health will limit your ab
    INDAGER        age variable combined info from hh grid and individual d
    WPACT1         did you do any of these activities during the last month
    WPAWAY         were you not in paid work or self-employment during the
Wave 2 Core:
    ASKPX1         whether interviewed by proxy
    EXHLIM         expectation (%) that their health will limit their abili
    INDAGER        definitive age variable collapsed at 90 plus. priority:
    WPACT1         activities during the last month (1st mention)
    WPAWAY         were you not in paid work during the last month due to a
Wave 3 Core:
    ASKPX          whether respondent had a proxy interview
    EXHLIM         expectation (%) that their health will limit their abili
    INDAGER        definitive age variable collapsed at 90 plus. priority:
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPAWAY         were you not in paid work during the last month due to a
Wave 4 Core:
    ASKPX          whether respondent had an interview by proxy
    EXHLIM         expectation (%) that their health will limit their abili
    INDAGER        definitive age variable collapsed at 90 plus. priority:
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPAWAY         were you not in paid work during the last month due to a
Wave 5 Core:
    ASKPX          whether respondent had an interview by proxy
    EXHLIM         expectation (%) that their health will limit their abili
    INDAGER        definitive age variable collapsed at 90+ to avoid disclo
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPAWAY         were you not in paid work during the last month due to a
Wave 6 Core:
    ASKPX          whether respondent had an interview by proxy
    EXHLIM         expectation (%) that their health will limit their abili
    INDAGER        definitive age variable collapsed at 90+ to avoid disclo
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPAWAY         were you not in paid work during the last month due to a
Wave 7 Core:
    ASKPX          whether respondent had an interview by proxy
    EXHLIM         expectation (%) that their health will limit their abili
    INDAGER        definitive age variable collapsed at 90+ to avoid disclo
    WPACTPW        activities during last month: paid work
    WPACTSE        activities during last month: self-employment
    WPAWAY         were you not in paid work during the last month due to a
```

Self-Reported Probability of Moving to Nursing Home in Next 5 Years

Wave	Variable	Label	Type
2	R2PNHM5Y	r2pnhm5y:w2 R probability move to nursing home in next 5 yea	Cont
6	R6PNHM5Y	r6pnhm5y:w6 R probability move to nursing home in next 5 yea	Cont
7	R7PNHM5Y	r7pnhm5y:w7 R probability move to nursing home in next 5 yea	Cont
2	S2PNHM5Y	s2pnhm5y:w2 S probability move to nursing home in next 5 yea	Cont
6	S6PNHM5Y	s6pnhm5y:w6 S probability move to nursing home in next 5 yea	Cont
7	S7PNHM5Y	s7pnhm5y:w7 S probability move to nursing home in next 5 yea	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R2PNHM5Y	5991	13.69	21.88	0.00	100.00
R6PNHM5Y	5330	12.27	18.28	0.00	100.00
R7PNHM5Y	5234	12.35	17.78	0.00	100.00
S2PNHM5Y	3614	12.58	20.26	0.00	100.00
S6PNHM5Y	3634	10.60	16.28	0.00	100.00
S7PNHM5Y	3548	10.80	15.62	0.00	100.00

How Constructed

RwPNHM5Y is the self-reported probability of moving to a nursing home in the next 5 years. This question is only asked to respondents who are 60 and older and not currently in an institution. RwPNHM5Y is set to special missing .i if the respondent is not asked this question because they are younger than 60. RwPNHM5Y is set to special missing .g if the respondent is not asked this question because we are able to identify that they were in an institution at the time of the interview. Don’t know, refused, or other missing responses of RwPNHM5Y are assigned special missing codes .d, .r, .m, respectively. RwPNHM5Y is set to special missing .p if the question was skipped because the interview was by proxy. RwPNHM5Y is set to plain missing (.) for respondents who did not respond to the current wave.

SwPNHM5Y is the current wave's spouse's self-reported probability of moving to a nursing home in the next 5 years. In addition to the special missing codes used in RwPNHM5Y, SwPNHM5Y employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in ELSA

The question is only asked in Wave 2 and in Waves 6 and onward. ELSA does not currently provide an indicator of whether an interview was conducted in an institution in the ELSA Wave 2 datasets, therefore R2PNHM5Y does not include special missing .g to identify those respondents.

Differences with the RAND HRS

In HRS, this question is only asked to respondents who are older than 65, while ELSA asks all respondents who are older than 60.

ELSA Variables Used

Wave 2 Core:
- ASKPX1 — whether interviewed by proxy
- EXMOVNB — expectation (%) that they will move to a nusing home in
- INDAGER — definitive age variable collapsed at 90 plus. priority:

Wave 6 Core:
- ASKINST — whether respondent had an institutional interview

```
    ASKPX           whether respondent had an interview by proxy
    EXMOVNB         expectation (%) that they will move to a nursing home in
    INDAGER         definitive age variable collapsed at 90+ to avoid disclo
Wave 7 Core:
    ASKINST         whether respondent had an institutional interview
    ASKPX           whether respondent had an interview by proxy
    EXMOVNB         expectation (%) that they will move to a nursing home in
    INDAGER         definitive age variable collapsed at 90+ to avoid disclo
```

Section J: Pension

Receives Any Public Pension

Wave	Variable	Label	Type
1	R1PUBPEN	r1pubpen:w1 r receives public pension	Categ
2	R2PUBPEN	r2pubpen:w2 r receives public pension	Categ
3	R3PUBPEN	r3pubpen:w3 r receives public pension	Categ
4	R4PUBPEN	r4pubpen:w4 r receives public pension	Categ
5	R5PUBPEN	r5pubpen:w5 r receives public pension	Categ
6	R6PUBPEN	r6pubpen:w6 r receives public pension	Categ
7	R7PUBPEN	r7pubpen:w7 r receives public pension	Categ
1	S1PUBPEN	s1pubpen:w1 s receives public pension	Categ
2	S2PUBPEN	s2pubpen:w2 s receives public pension	Categ
3	S3PUBPEN	s3pubpen:w3 s receives public pension	Categ
4	S4PUBPEN	s4pubpen:w4 s receives public pension	Categ
5	S5PUBPEN	s5pubpen:w5 s receives public pension	Categ
6	S6PUBPEN	s6pubpen:w6 s receives public pension	Categ
7	S7PUBPEN	s7pubpen:w7 s receives public pension	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PUBPEN	11964	0.26	0.44	0.00	1.00
R2PUBPEN	9407	0.29	0.45	0.00	1.00
R3PUBPEN	9629	0.26	0.44	0.00	1.00
R4PUBPEN	10879	0.28	0.45	0.00	1.00
R5PUBPEN	10198	0.31	0.46	0.00	1.00
R6PUBPEN	10545	0.32	0.46	0.00	1.00
R7PUBPEN	9619	0.33	0.47	0.00	1.00
S1PUBPEN	7992	0.35	0.48	0.00	1.00
S2PUBPEN	6160	0.41	0.49	0.00	1.00
S3PUBPEN	6305	0.36	0.48	0.00	1.00
S4PUBPEN	7302	0.38	0.48	0.00	1.00
S5PUBPEN	6918	0.43	0.50	0.00	1.00
S6PUBPEN	7202	0.44	0.50	0.00	1.00
S7PUBPEN	6536	0.46	0.50	0.00	1.00

Categorical Variable Codes

Value	R1PUBPEN	R2PUBPEN	R3PUBPEN	R4PUBPEN	R5PUBPEN	R6PUBPEN	R7PUBPEN
.d:DK	8	4	38	35	8		2
.m:Missing	97	21	94	121	53	42	40
.p:proxy			1	1	1		
.r:Refuse	30		9	14	14	14	5
0.no	8810	6707	7124	7858	7029	7212	6441
1.yes	3154	2700	2505	3021	3169	3333	3178

Value	S1PUBPEN	S2PUBPEN	S3PUBPEN	S4PUBPEN	S5PUBPEN	S6PUBPEN	S7PUBPEN
.d:DK		4	9	4	8		2
.m:Missing	60	14	66	89	24	26	18
.r:Refuse	18		6	7	14	14	4
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	5167	3620	4062	4540	3932	4040	3513
1.yes	2825	2540	2243	2762	2986	3162	3023

How Constructed

RwPUBPEN indicates whether the respondent is currently receiving a public pension without disability. Public pension without disability is comprised of state pension and widow's pension. For more information on state pension, widow's pension, or public pension without disability, please refer to "Section F. Income: Public Pension Income". A value of 0 indicates the respondent is not receiving a state pension or widow's pension. A value of 1 indicates the respondent is receiving a state pension and/or a widow's pension. Don’t know, refused, or other missing responses of RwPUBPEN are assigned special missing codes .d, .r, .m, respectively. RwPUBPEN is assigned a special missing code .p if the information is not available because the interview was done by proxy. RwPUBPEN is set to plain missing (.) for respondents who did not respond to the current wave.

SwPUBPEN indicates whether the current wave's spouse is currently receiving a public pension, and is taken from the spouse's values to RwPUBPEN. In addition to the special missing codes used in RwPUBPEN, SwPUBPEN employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Please note that pension questions are asked only to the financial respondent about the financial respondent's pension income and, if married, the financial respondent's spouse's pension income. If the respondent is the financial respondent, then measures concerning the financial respondent are assigned to the respondent and those about the financial respondent's spouse are assigned to the respondent's spouse. However, if the respondent's spouse is the financial respondent, then measures about the financial respondent are assigned to the respondent's spouse and those concerning the financial respondent's spouse are assigned to the respondent.

Cross Wave Differences in ELSA

No differences known.

Differences with the RAND HRS

RwPUBPEN in the ELSA is comparable to RASSRECV in the RAND HRS. While RwPUBPEN indicates whether the respondent to ELSA is receiving a public pension at each wave, RASSRECV indicates whether the respondent to HRS received social security income at any wave. Please note that ELSA has a value for each wave of the study, while the HRS has a single value that encompasses all waves.

Components included in Harmonized ELSA and RAND HRS are slightly different for public pensions representing different institutional arrangements in each country. However, we kept the concepts included as comparable as possible.

ELSA Variables Used

```
Wave 1 Core:
    IABEB          have you (or your spouse) received any of these benefits
    IABER1         which of these benefits have you received in the last ye
    IABER2         which of these benefits have you received in the last ye
    IABER3         which of these benefits have you received in the last ye
    IABER4         which of these benefits have you received in the last ye
    IAPID          person who answered ia for financial unit
    IASPEN         did you (or your spouse) receive any money from a state
    IASPW          which of you received the state pension in the last year
    PERID          person id (same as person number in household grid)
Wave 2 Core:
    IABEB          have you (or your spouse) received any of these benefits
    IABER1         benefits received in the last year: respondent (1st ment
    IABER2         benefits received in the last year: respondent (2nd ment
    IABER3         benefits received in the last year: respondent (3rd ment
    IABER4         benefits received in the last year: respondent (4th ment
    IAPID          person number of person who answered ia
    IASPEN         did respondent (or spouse) receive any money from the st
    IASPW          was it respondent or spouse who received the state pensi
    PERSNO         person number
Wave 3 Core:
```

```
    ASKPX          whether respondent had a proxy interview
    IABEB          have you (or your spouse) received any of these benefits
    IABERMWP       benefits received in last yr: widow or bereavement allow
    IAPID          person number of person who answered ia
    IASPEN         did respondent (or spouse) receive any money from the st
    IASPW          was it respondent or spouse who received the state pensi
    PERID          person number in the household
Wave 4 Core:
    ASKPX          whether respondent had an interview by proxy
    IABEB          have you (or your spouse) received any of these benefits
    IABERMWP       benefits received in last yr: widow or bereavement allow
    IAPID          person number of person who answered ia
    IASPEN         did respondent (or spouse) receive any money from the st
    IASPW          was it respondent or spouse who received the state pensi
    PERID          household number (persno)
Wave 5 Core:
    ASKPX          whether respondent had an interview by proxy
    IABEBC         show card f2 areis[pnum] youandhw[pnum] receiving any of
    IABENMWP       benefits receiving now: respondent widow or bereavement
    IAPID          person number of person who answered ia
    IASPEN         did respondent (or spouse) receive any money from the st
    IASPW          was it respondent or spouse who received the state pensi
    PERID          household number (persno)
Wave 6 Core:
    IAASK          whether asking for partner in hh too
    IABENMWP       benefits receiving now: respondent widow or bereavement
    IAPID          person number of person who answered ia
    IASPEN         did respondent (or spouse) receive any money from the st
    IASPW          was it respondent or spouse who received the state pensi
    PERID          household number (persno)
Wave 7 Core:
    IAASK          whether asking for partner in hh too
    IABENMWP       benefits receiving now: respondent widow or bereavement
    IAPID          person number of person who answered ia
    IASPEN         did respondent (or spouse) receive any money from the st
    IASPW          was it respondent or spouse who received the state pensi
    PERID          person number (persno)
```

Currently Receiving Any Private Pension

Wave	Variable	Label	Type
1	R1PENINC	r1peninc:w1 r current receiving private pension income	Categ
2	R2PENINC	r2peninc:w2 r current receiving private pension income	Categ
3	R3PENINC	r3peninc:w3 r current receiving private pension income	Categ
4	R4PENINC	r4peninc:w4 r current receiving private pension income	Categ
5	R5PENINC	r5peninc:w5 r current receiving private pension income	Categ
6	R6PENINC	r6peninc:w6 r current receiving private pension income	Categ
7	R7PENINC	r7peninc:w7 r current receiving private pension income	Categ
1	S1PENINC	s1peninc:w1 s current receiving private pension income	Categ
2	S2PENINC	s2peninc:w2 s current receiving private pension income	Categ
3	S3PENINC	s3peninc:w3 s current receiving private pension income	Categ
4	S4PENINC	s4peninc:w4 s current receiving private pension income	Categ
5	S5PENINC	s5peninc:w5 s current receiving private pension income	Categ
6	S6PENINC	s6peninc:w6 s current receiving private pension income	Categ
7	S7PENINC	s7peninc:w7 s current receiving private pension income	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PENINC	12099	0.35	0.48	0.00	1.00
R2PENINC	9432	0.42	0.49	0.00	1.00
R3PENINC	9771	0.40	0.49	0.00	1.00
R4PENINC	11050	0.45	0.50	0.00	1.00
R5PENINC	10274	0.50	0.50	0.00	1.00
R6PENINC	10601	0.50	0.50	0.00	1.00
R7PENINC	9666	0.52	0.50	0.00	1.00
S1PENINC	8070	0.35	0.48	0.00	1.00
S2PENINC	6178	0.42	0.49	0.00	1.00
S3PENINC	6386	0.38	0.49	0.00	1.00
S4PENINC	7402	0.42	0.49	0.00	1.00
S5PENINC	6964	0.47	0.50	0.00	1.00
S6PENINC	7242	0.48	0.50	0.00	1.00
S7PENINC	6560	0.50	0.50	0.00	1.00

Categorical Variable Codes

Value	R1PENINC	R2PENINC	R3PENINC	R4PENINC	R5PENINC	R6PENINC	R7PENINC
0.no	7907	5503	5886	6125	5130	5299	4605
1.yes	4192	3929	3885	4925	5144	5302	5061

Value	S1PENINC	S2PENINC	S3PENINC	S4PENINC	S5PENINC	S6PENINC	S7PENINC
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
0.no	5261	3569	3966	4319	3658	3774	3278
1.yes	2809	2609	2420	3083	3306	3468	3282

How Constructed

RwPENINC indicates whether the respondent is currently receiving any private or employer pension. A value of 0 indicates that the respondent is not currently receiving any private pension. A value of 1 indicates that the respondent is currently receiving a private pension. Don’t know, refused, or other missing responses of RwPENINC are assigned special missing codes .d, .r, .m, respectively. RwPENINC is set to plain missing (.) for respondents who did not respond to the current wave.

SwPENINC indicates whether the current wave's spouse is currently receiving any private or employer pension, and is taken from the spouse's values to RwPENINC. In addition to the special missing codes used in RwPENINC, SwPENINC employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Please note that the raw variables used to derive RwPENINC are from the corresponding wave's IFS derived variables data file for all waves, rather than from the wave's core data file.

Cross Wave Differences in ELSA

In all waves, respondents are asked if they are currently receiving a pension from the pension scheme to which they had contributed. Starting in wave 2, respondents who reported receiving a pension in the previous wave are asked if they are still receiving income from the pension. In wave 2, whether the respondent is newly receiving a pension and whether the respondent is still receiving a pension are asked as different questions, whereas the questions are combined for wave 3 and onward. Only in wave 2, respondents are asked if they are currently receiving a pension from a pension scheme that they had retained rights in but weren't yet receiving at the last wave. In wave 2, all three of these questions were used to determine whether the respondent was currently receiving a pension.

Please note that the raw variables used to derive RwPENINC are from the corresponding wave's IFS derived variables data file for all waves, rather than from the wave's core data file.

Differences with the RAND HRS

Components included in Harmonized ELSA and RAND HRS are slightly different for private pensions representing different institutional arrangements in each country. However, we kept the concepts included as comparable as possible.

ELSA Variables Used

```
Wave 1 Ifs Derived:
    PP_REC         currently receiving income from a private pension
Wave 2 Ifs Derived:
    PP_REC         currently receiving income from a private pension
Wave 3 Ifs Derived:
    PP_REC         currently receiving income from a private pension
Wave 4 Ifs Derived:
    PP_REC         currently receiving income from a private pension
Wave 5 Ifs Derived:
    PP_REC         currently receiving income from a private pension
Wave 6 Ifs Derived:
    PP_REC         currently receiving income from a private pension
Wave 7 Ifs Derived:
    PP_REC         currently receiving income from a private pension
```

Number of Private Pensions Currently Receiving

Wave	Variable	Label	Type
1	R1PENINM	r1peninm:w1 # private pensions r currently receives income	Cont
2	R2PENINM	r2peninm:w2 # private pensions r currently receives income	Cont
3	R3PENINM	r3peninm:w3 # private pensions r currently receives income	Cont
4	R4PENINM	r4peninm:w4 # private pensions r currently receives income	Cont
5	R5PENINM	r5peninm:w5 # private pensions r currently receives income	Cont
6	R6PENINM	r6peninm:w6 # private pensions r currently receives income	Cont
7	R7PENINM	r7peninm:w7 # private pensions r currently receives income	Cont
1	S1PENINM	s1peninm:w1 # private pensions s currently receives income	Cont
2	S2PENINM	s2peninm:w2 # private pensions s currently receives income	Cont
3	S3PENINM	s3peninm:w3 # private pensions s currently receives income	Cont
4	S4PENINM	s4peninm:w4 # private pensions s currently receives income	Cont
5	S5PENINM	s5peninm:w5 # private pensions s currently receives income	Cont
6	S6PENINM	s6peninm:w6 # private pensions s currently receives income	Cont
7	S7PENINM	s7peninm:w7 # private pensions s currently receives income	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PENINM	12099	0.40	0.61	0.00	3.00
R2PENINM	9432	0.52	0.71	0.00	6.00
R3PENINM	9771	0.51	0.72	0.00	5.00
R4PENINM	11050	0.59	0.78	0.00	5.00
R5PENINM	10274	0.69	0.83	0.00	6.00
R6PENINM	10600	0.71	0.87	0.00	6.00
R7PENINM	9666	0.76	0.91	0.00	6.00
S1PENINM	8070	0.41	0.62	0.00	3.00
S2PENINM	6178	0.54	0.74	0.00	6.00
S3PENINM	6386	0.49	0.72	0.00	5.00
S4PENINM	7402	0.55	0.77	0.00	5.00
S5PENINM	6964	0.65	0.82	0.00	6.00
S6PENINM	7241	0.67	0.85	0.00	6.00
S7PENINM	6560	0.72	0.89	0.00	6.00

How Constructed

RwPENINM indicates how many occupational pensions the respondent is currently receiving income from. Don’t know, refused, or other missing responses of RwPENINM are assigned special missing codes .d, .r, .m, respectively. RwPENINM is set to plain missing (.) for respondents who did not respond to the current wave.

SwPENINM indicates how many occupational pensions the respondent is currently receiving income from, and is taken from the spouse's values to RwPENINM. In addition to the special missing codes used in RwPENINM, SwPENINM employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Please note that the raw variables used to derive RwPENINM are from the corresponding wave's IFS derived variables data file for all waves, rather than from the wave's core data file.

Cross Wave Differences in ELSA

In all waves, respondents are asked if they are currently receiving a pension from the pension scheme to which they had contributed. Starting in wave 2, respondents who reported receiving a pension in the

previous wave are asked if they are still receiving income from the pension. In wave 2, whether the respondent is newly receiving a pension and whether the respondent is still receiving a pension are asked as different questions, whereas the questions are combined for wave 3 and onward. Only in wave 2, respondents are asked if they are currently receiving a pension from a pension scheme that they had retained rights in but weren't yet receiving at the last wave. In wave 2, all three of these questions were used to determine whether the respondent was currently receiving a pension.

Please note that the raw variables used to derive RwPENINM are from the corresponding wave's IFS derived variables data file for all waves, rather than from the wave's core data file.

Differences with the RAND HRS

Components included in Harmonized ELSA and RAND HRS are slightly different for private pensions representing different institutional arrangements in each country. However, we kept the concepts included as comparable as possible.

ELSA Variables Used

```
Wave 1 Ifs Derived:
    PP_NREC        number of private pensions from which receiving income
Wave 2 Ifs Derived:
    PP_NREC        number of private pensions from which receiving income
Wave 3 Ifs Derived:
    PP_NREC        number of private pensions from which receiving income
Wave 4 Ifs Derived:
    PP_NREC        number of private pensions from which receiving income
Wave 5 Ifs Derived:
    PP_NREC        number of private pensions from which receiving income
Wave 6 Ifs Derived:
    PP_NREC        number of private pensions from which receiving income
Wave 7 Ifs Derived:
    PP_NREC        number of private pensions from which receiving income
```

Any Pension from Current Job

Wave	Variable	Label	Type
1	R1JCPEN	r1jcpen:w1 r any pension from current job	Categ
2	R2JCPEN	r2jcpen:w2 r any pension from current job	Categ
3	R3JCPEN	r3jcpen:w3 r any pension from current job	Categ
4	R4JCPEN	r4jcpen:w4 r any pension from current job	Categ
5	R5JCPEN	r5jcpen:w5 r any pension from current job	Categ
6	R6JCPEN	r6jcpen:w6 r any pension from current job	Categ
7	R7JCPEN	r7jcpen:w7 r any pension from current job	Categ
1	S1JCPEN	s1jcpen:w1 s any pension from current job	Categ
2	S2JCPEN	s2jcpen:w2 s any pension from current job	Categ
3	S3JCPEN	s3jcpen:w3 s any pension from current job	Categ
4	S4JCPEN	s4jcpen:w4 s any pension from current job	Categ
5	S5JCPEN	s5jcpen:w5 s any pension from current job	Categ
6	S6JCPEN	s6jcpen:w6 s any pension from current job	Categ
7	S7JCPEN	s7jcpen:w7 s any pension from current job	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JCPEN	4369	0.48	0.50	0.00	1.00
R2JCPEN	3117	0.47	0.50	0.00	1.00
R3JCPEN	3795	0.47	0.50	0.00	1.00
R4JCPEN	4118	0.45	0.50	0.00	1.00
R5JCPEN	3381	0.40	0.49	0.00	1.00
R6JCPEN	3568	0.39	0.49	0.00	1.00
R7JCPEN	3120	0.44	0.50	0.00	1.00
S1JCPEN	3383	0.49	0.50	0.00	1.00
S2JCPEN	2394	0.48	0.50	0.00	1.00
S3JCPEN	2927	0.48	0.50	0.00	1.00
S4JCPEN	3178	0.45	0.50	0.00	1.00
S5JCPEN	2675	0.40	0.49	0.00	1.00
S6JCPEN	2799	0.39	0.49	0.00	1.00
S7JCPEN	2425	0.44	0.50	0.00	1.00

Categorical Variable Codes

Value	R1JCPEN	R2JCPEN	R3JCPEN	R4JCPEN	R5JCPEN	R6JCPEN	R7JCPEN
.w:currently not working	7730	6315	5976	6932	6893	7033	6546
0.no	2262	1654	2019	2263	2029	2176	1744
1.yes	2107	1463	1776	1855	1352	1392	1376

Value	S1JCPEN	S2JCPEN	S3JCPEN	S4JCPEN	S5JCPEN	S6JCPEN	S7JCPEN
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
.w:currently not working	4687	3784	3459	4224	4289	4443	4135
0.no	1722	1247	1519	1735	1611	1719	1370
1.yes	1661	1147	1408	1443	1064	1080	1055

How Constructed

RwJCPEN indicates whether or not the respondent is a member of an occupational pension scheme, assumed to be through their current job. A value of 0 indicates the respondent is not a member of a pension scheme through their current job. A value of 1 indicates the respondent is a member of a pension scheme through their current job. Don’t know, refused, or other missing responses of RwJCPEN are assigned special missing codes .d, .r, .m, respectively. If the respondent is not currently working, RwJCPEN is assigned

special missing code .w. RwJCPEN is set to plain missing (.) for respondents who did not respond to the current wave.

SwJCPEN indicates whether the current wave's spouse is a member of a pension scheme through their current job, and is taken from the spouse's values to RwJCPEN. In addition to the special missing codes used in RwJCPEN, SwJCPEN employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Please note that the raw variables used to derive RwJCPEN are from the corresponding wave's IFS derived variables data file for all waves, rather than from the wave's core data file.

Cross Wave Differences in ELSA

Please note that the raw variables used to derive RwJCPEN are from the corresponding wave's IFS derived variables data file for all waves, rather than from the wave's core data file.

Differences with the RAND HRS

No differences known.

ELSA Variables Used

```
Wave 1 Core:
    WPDES          which one of these would you say best describes your cur
Wave 1 Ifs Derived:
    PP_OCC         currently contributing to an occupational pension (any t
Wave 2 Core:
    WPDES          best description of current situation
Wave 2 Ifs Derived:
    PP_OCC         currently contributing to an occupational pension (any t
Wave 3 Core:
    WPDES          best description of current situation
Wave 3 Ifs Derived:
    PP_OCC         currently contributing to an occupational pension (any t
Wave 4 Core:
    WPDES          best description of current situation
Wave 4 Ifs Derived:
    PP_OCC         currently contributing to an occupational pension (any t
Wave 5 Core:
    WPDES          best description of current situation
Wave 5 Ifs Derived:
    PP_OCC         currently contributing to an occupational pension (any t
Wave 6 Core:
    WPDES          best description of current situation
Wave 6 Ifs Derived:
    PP_OCC         currently contributing to an occupational pension (any t
Wave 7 Core:
    WPDES          best description of current situation
Wave 7 Ifs Derived:
    PP_OCC         currently contributing to an occupational pension (any t
```

Number of Pensions from Current Job

Wave	Variable	Label	Type
1	R1PENCT	r1penct:w1 # pensions from current job	Cont
2	R2PENCT	r2penct:w2 # pensions from current job	Cont
3	R3PENCT	r3penct:w3 # pensions from current job	Cont
4	R4PENCT	r4penct:w4 # pensions from current job	Cont
5	R5PENCT	r5penct:w5 # pensions from current job	Cont
6	R6PENCT	r6penct:w6 # pensions from current job	Cont
7	R7PENCT	r7penct:w7 # pensions from current job	Cont
1	S1PENCT	s1penct:w1 # pensions from current job	Cont
2	S2PENCT	s2penct:w2 # pensions from current job	Cont
3	S3PENCT	s3penct:w3 # pensions from current job	Cont
4	S4PENCT	s4penct:w4 # pensions from current job	Cont
5	S5PENCT	s5penct:w5 # pensions from current job	Cont
6	S6PENCT	s6penct:w6 # pensions from current job	Cont
7	S7PENCT	s7penct:w7 # pensions from current job	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PENCT	4369	0.49	0.52	0.00	2.00
R2PENCT	3111	0.49	0.53	0.00	2.00
R3PENCT	3795	0.47	0.51	0.00	2.00
R4PENCT	4118	0.45	0.51	0.00	2.00
R5PENCT	3381	0.40	0.50	0.00	2.00
R6PENCT	3567	0.39	0.49	0.00	2.00
R7PENCT	3120	0.45	0.51	0.00	2.00
S1PENCT	3383	0.50	0.52	0.00	2.00
S2PENCT	2389	0.50	0.53	0.00	2.00
S3PENCT	2927	0.49	0.51	0.00	2.00
S4PENCT	3178	0.46	0.51	0.00	2.00
S5PENCT	2675	0.40	0.49	0.00	2.00
S6PENCT	2798	0.39	0.49	0.00	2.00
S7PENCT	2425	0.44	0.50	0.00	2.00

How Constructed

RwPENCT indicates the number of pensions which the respondent is a member of, though not currently receiving, through their current job. The ELSA first asks whether the respondent is currently contributing to the specific pension plan and then asks if the pension is employer provided. A value of 0 indicates that the respondent is not currently contributing, is not a member of the pension through their current job, or both of these. Don’t know, refused, or other missing responses of RwPENCT are assigned special missing codes .d, .r, .m, respectively. If the respondent is not currently working, RwPENCT is assigned a special missing code .w. RwPENCT is set to plain missing (.) for respondents who did not respond to the current wave.

SwPENCT indicates the number of private pensions the current wave's spouse is a member of, though not currently receiving, through their current job, and is taken from the spouse's values to RwPENCT. In addition to the special missing codes used in RwPENCT, SwPENCT employs two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Please note that the raw variables used to derive RwPENCT are from the corresponding wave's IFS derived variables data file for all waves, rather than from the wave's core data file.

Cross Wave Differences in ELSA

Please note that the raw variables used to derive RwPENCT are from the corresponding wave's IFS derived variables data file for all waves, rather than from the wave's core data file.

Differences with the RAND HRS

Whereas HRS asks respondents directly about the number of pension plans from their current job, in ELSA, RwPENCT is calculated by adding each pension the respondent reports being a member of.

ELSA Variables Used

```
Wave 1 Core:
    WPDES          which one of these would you say best describes your cur
Wave 1 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
Wave 2 Core:
    WPDES          best description of current situation
Wave 2 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
Wave 3 Core:
    WPDES          best description of current situation
Wave 3 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
Wave 4 Core:
    WPDES          best description of current situation
Wave 4 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
Wave 5 Core:
    WPDES          best description of current situation
Wave 5 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
Wave 6 Core:
    WPDES          best description of current situation
Wave 6 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
Wave 7 Core:
    WPDES          best description of current situation
Wave 7 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
```

Type of Pension from Current Job

Wave	Variable	Label	Type
1	R1PTYP1_E	r1ptyp1_e:w1 r current pension type #1	Categ
2	R2PTYP1_E	r2ptyp1_e:w2 r current pension type #1	Categ
3	R3PTYP1_E	r3ptyp1_e:w3 r current pension type #1	Categ
4	R4PTYP1_E	r4ptyp1_e:w4 r current pension type #1	Categ
5	R5PTYP1_E	r5ptyp1_e:w5 r current pension type #1	Categ
6	R6PTYP1_E	r6ptyp1_e:w6 r current pension type #1	Categ
7	R7PTYP1_E	r7ptyp1_e:w7 r current pension type #1	Categ
1	S1PTYP1_E	s1ptyp1_e:w1 s current pension type #1	Categ
2	S2PTYP1_E	s2ptyp1_e:w2 s current pension type #1	Categ
3	S3PTYP1_E	s3ptyp1_e:w3 s current pension type #1	Categ
4	S4PTYP1_E	s4ptyp1_e:w4 s current pension type #1	Categ
5	S5PTYP1_E	s5ptyp1_e:w5 s current pension type #1	Categ
6	S6PTYP1_E	s6ptyp1_e:w6 s current pension type #1	Categ
7	S7PTYP1_E	s7ptyp1_e:w7 s current pension type #1	Categ
1	R1PTYP2_E	r1ptyp2_e:w1 r current pension type #2	Categ
2	R2PTYP2_E	r2ptyp2_e:w2 r current pension type #2	Categ
3	R3PTYP2_E	r3ptyp2_e:w3 r current pension type #2	Categ
4	R4PTYP2_E	r4ptyp2_e:w4 r current pension type #2	Categ
5	R5PTYP2_E	r5ptyp2_e:w5 r current pension type #2	Categ
6	R6PTYP2_E	r6ptyp2_e:w6 r current pension type #2	Categ
7	R7PTYP2_E	r7ptyp2_e:w7 r current pension type #2	Categ
1	S1PTYP2_E	s1ptyp2_e:w1 s current pension type #2	Categ
2	S2PTYP2_E	s2ptyp2_e:w2 s current pension type #2	Categ
3	S3PTYP2_E	s3ptyp2_e:w3 s current pension type #2	Categ
4	S4PTYP2_E	s4ptyp2_e:w4 s current pension type #2	Categ
5	S5PTYP2_E	s5ptyp2_e:w5 s current pension type #2	Categ
6	S6PTYP2_E	s6ptyp2_e:w6 s current pension type #2	Categ
7	S7PTYP2_E	s7ptyp2_e:w7 s current pension type #2	Categ
2	R2PTYP3_E	r2ptyp3_e:w2 r current pension type #3	Categ
6	R6PTYP3_E	r6ptyp3_e:w6 r current pension type #3	Categ
2	S2PTYP3_E	s2ptyp3_e:w2 s current pension type #3	Categ
6	S6PTYP3_E	s6ptyp3_e:w6 s current pension type #3	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PTYP1_E	2107	1.82	0.58	1.00	3.00
R2PTYP1_E	1463	1.82	0.56	1.00	3.00
R3PTYP1_E	1776	1.80	0.56	1.00	3.00
R4PTYP1_E	1855	1.77	0.55	1.00	3.00
R5PTYP1_E	1352	1.73	0.55	1.00	3.00
R6PTYP1_E	1392	1.71	0.57	1.00	3.00
R7PTYP1_E	1376	1.69	0.64	1.00	3.00
S1PTYP1_E	1661	1.81	0.57	1.00	3.00
S2PTYP1_E	1147	1.81	0.55	1.00	3.00
S3PTYP1_E	1408	1.78	0.55	1.00	3.00
S4PTYP1_E	1443	1.75	0.53	1.00	3.00
S5PTYP1_E	1064	1.72	0.54	1.00	3.00
S6PTYP1_E	1080	1.69	0.57	1.00	3.00
S7PTYP1_E	1055	1.67	0.64	1.00	3.00

R1PTYP2_E	53	1.96	0.65	1.00	3.00
R2PTYP2_E	59	1.95	0.63	1.00	3.00
R3PTYP2_E	18	1.83	0.62	1.00	3.00
R4PTYP2_E	16	1.94	0.44	1.00	3.00
R5PTYP2_E	8	2.25	0.46	2.00	3.00
R6PTYP2_E	12	2.00	0.60	1.00	3.00
R7PTYP2_E	15	2.07	0.70	1.00	3.00
S1PTYP2_E	41	1.93	0.65	1.00	3.00
S2PTYP2_E	47	1.96	0.62	1.00	3.00
S3PTYP2_E	15	1.93	0.59	1.00	3.00
S4PTYP2_E	13	1.85	0.38	1.00	2.00
S5PTYP2_E	6	2.17	0.41	2.00	3.00
S6PTYP2_E	11	2.09	0.54	1.00	3.00
S7PTYP2_E	10	2.10	0.74	1.00	3.00
R2PTYP3_E	6	1.50	0.55	1.00	2.00
R6PTYP3_E	1	2.00	.	2.00	2.00
S2PTYP3_E	5	1.40	0.55	1.00	2.00
S6PTYP3_E	1	2.00	.	2.00	2.00

Categorical Variable Codes

Value	R1PTYP1_E	R2PTYP1_E	R3PTYP1_E	R4PTYP1_E	R5PTYP1_E	R6PTYP1_E	R7PTYP1_E
.w:currently not working	7730	6315	5976	6932	6893	7033	6546
.x:no pension through job	2262	1654	2019	2263	2029	2176	1744
1.DC	585	389	494	543	434	495	562
2.DB	1326	951	1152	1198	849	812	684
3.DC or DB	196	123	130	114	69	85	130

Value	S1PTYP1_E	S2PTYP1_E	S3PTYP1_E	S4PTYP1_E	S5PTYP1_E	S6PTYP1_E	S7PTYP1_E
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
.w:currently not working	4687	3784	3459	4224	4289	4443	4135
.x:no pension through job	1722	1247	1519	1735	1611	1719	1370
1.DC	459	304	407	431	343	391	444
2.DB	1061	756	909	942	672	629	515
3.DC or DB	141	87	92	70	49	60	96

Value	R1PTYP2_E	R2PTYP2_E	R3PTYP2_E	R4PTYP2_E	R5PTYP2_E	R6PTYP2_E	R7PTYP2_E
.w:currently not working	7730	6315	5976	6932	6893	7033	6546
.x:no pension through job	4316	3058	3777	4102	3373	3556	3105
1.DC	12	13	5	2		2	3
2.DB	31	36	11	13	6	8	8
3.DC or DB	10	10	2	1	2	2	4

Value	S1PTYP2_E	S2PTYP2_E	S3PTYP2_E	S4PTYP2_E	S5PTYP2_E	S6PTYP2_E	S7PTYP2_E
.u:Unmar	3561	2671	2708	2932	2742	2802	2548
.v:SP NR	468	583	677	716	568	557	558
.w:currently not working	4687	3784	3459	4224	4289	4443	4135
.x:no pension through job	3342	2347	2912	3165	2669	2788	2415
1.DC	10	10	3	2		1	2
2.DB	24	29	10	11	5	8	5
3.DC or DB	7	8	2		1	2	3

Value	R2PTYP3_E	R6PTYP3_E
.w:currently not working	6315	7033
.x:no pension through job	3111	3567
1.DC	3	
2.DB	3	1

Value	S2PTYP3_E	S6PTYP3_E
.u:Unmar	2671	2802
.v:SP NR	583	557
.w:currently not working	3784	4443

.x:no pension through job	2389	2798
1.DC	3	
2.DB	2	1

How Constructed

RwPTYP1_E, RwPTYP2_E and RwPTYP3_E indicate the type of pension the respondent has from their current job. Respondents who are members of their employer's pension schemes are asked whether their pension is more similar to a defined contribution or money purchase pension, described as "Type A: My pension contributions are put into a fund which grows over time and my pension will depend on the size of this fund when I retire," or a defined benefit pension, described as "Type B: My pension will be based on a formula involving age, years of service and salary." A value of 1 indicates that the respondent has a defined contribution or money purchase pension (Type A) through their current job. A value of 2 indicates that the respondent has a defined benefit pension (Type B) through their current job. A value of 3 indicates that the respondent has a defined contribution or defined benefit pension. Don’t know, refused, or other missing responses of RwPTYP1_E, RwPTYP2_E and RwPTYP3_E are assigned special missing codes .d, .r, .m, respectively. RwPTYP1_E, RwPTYP2_E and RwPTYP3_E are set to special missing .s if the pension information is unavailable. RwPTYP1_E, RwPTYP2_E, and RwPTYP3_E are set to special missing .w if the respondent is not currently working. RwPTYP1_E, RwPTYP2_E, and RwPTYP3_E are set to special missing .x if the respondent is not a member of any current pension schemes through their job. RwPTYP1_E, RwPTYP2_E and RwPTYP3_E are set to plain missing (.) for respondents who did not respond to the current wave.

SwPTYP1_E, SwPTYP2_E and SwPTYP3_E indicate the type of pension the current wave's spouse has from their current job, and is taken from the spouse's values to RwPTYP1_E, RwPTYP2_E and RwPTYP3_E. In addition to the special missing codes used in RwPTYP1_E, RwPTYP2_E and RwPTYP3_E, SwPTYP1_E, SwPTYP2_E and SwPTYP3_E employ two other missing codes, .u and .v. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Please note that the ELSA original variables used to derive RwPTYP1_E, RwPTYP2_E and RwPTYP3_E are from the corresponding wave's IFS derived variables data file for all waves, rather than from the wave's core data file.

Cross Wave Differences in ELSA

Please note that the ELSA original variables used to derive RwPTYP1_E, RwPTYP2_E and RwPTYP3_E are from the corresponding wave's IFS derived variables data file for all waves, rather than from the wave's core data file.

Differences with the RAND HRS

While ELSA asks the type of pension for only employer provided pensions, the HRS asks about the type of pension for 3 to an unlimited number of pensions depending on the wave, and reports the type of up to 4 pensions.

While ELSA describes pensions as Type A:defined contribution and Type B:defined benefit, the HRS has the opposite naming, specifically that pensions are Type A:defined benefit and Type B:defined contribution.

ELSA Variables Used

```
Wave 1 Core:
    WPDES          which one of these would you say best describes your cur
Wave 1 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
    PP_OCCDB       currently contributing to a db occupational pension
    PP_OCCDC       currently contributing to a dc occupational pension
    PP_OCCNK       currently contribution to an occupational pension, db/dc
Wave 2 Core:
    WPDES          best description of current situation
Wave 2 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
    PP_NOCCDB      number of db occupational pensions currently contributin
```

```
    PP_NOCCDC      number of dc occupational pensions currently contributin
    PP_NOCCNK      number of occupational pensions (db/dc not known) curren
    PP_OCCDB       currently contributing to a db occupational pension
    PP_OCCDC       currently contributing to a dc occupational pension
    PP_OCCNK       currently contribution to an occupational pension, db/dc
Wave 3 Core:
    WPDES          best description of current situation
Wave 3 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
    PP_OCCDB       currently contributing to a db occupational pension
    PP_OCCDC       currently contributing to a dc occupational pension
    PP_OCCNK       currently contribution to an occupational pension, db/dc
Wave 4 Core:
    WPDES          best description of current situation
Wave 4 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
    PP_OCCDB       currently contributing to a db occupational pension
    PP_OCCDC       currently contributing to a dc occupational pension
    PP_OCCNK       currently contribution to an occupational pension, db/dc
Wave 5 Core:
    WPDES          best description of current situation
Wave 5 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
    PP_OCCDB       currently contributing to a db occupational pension
    PP_OCCDC       currently contributing to a dc occupational pension
    PP_OCCNK       currently contribution to an occupational pension, db/dc
Wave 6 Core:
    WPDES          best description of current situation
Wave 6 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
    PP_NOCCDB      number of db occupational pensions currently contributin
    PP_NOCCDC      number of dc occupational pensions currently contributin
    PP_NOCCNK      number of occupational pensions (db/dc not known) curren
    PP_OCCDB       currently contributing to a db occupational pension
    PP_OCCDC       currently contributing to a dc occupational pension
    PP_OCCNK       currently contribution to an occupational pension, db/dc
Wave 7 Core:
    WPDES          best description of current situation
Wave 7 Ifs Derived:
    PP_NOCC        number of occupational pensions curr contributing to (an
    PP_OCCDB       currently contributing to a db occupational pension
    PP_OCCDC       currently contributing to a dc occupational pension
    PP_OCCNK       currently contribution to an occupational pension, db/dc
```

Appendix A

ELSA Qualifications	Years	Categorical Summary
Degree/degree level qualification (including higher degree)	16+	College Graduate
Teaching qualification	16+	College Graduate
Nursing qualifications SRN, SCM, SEN, RGN, RM, RHV, Midwife	16+	College Graduate
HNC/HND, BEC/TEC Higher, BTEC Higher/SCOTECH Higher	13	Some College
ONC/OND/BEC/TEC/BTEC not higher	13	Some College
City and Guilds Full Technological Certificate	13	Some College
City and Guilds Advanced/Final Level	13	Some College
City and Guilds Craft/Ordinary Level	11	Highschool Graduate
A-levels/Higher School Certificate	13	Some College
AS level	13	Some College
SLC/SCE/SUPE at Higher Grade or Certificate of Sixth Year St	13	Some College
O-level passes taken in 1975 or earlier	11	Highschool Graduate
O-level passes taken after 1975 GRADES A-C	11	Highschool Graduate
O-level passes taken after 1975 GRADES D-E	11	Highschool Graduate
GCSE GRADES A-C	11	Highschool Graduate
GCSE GRADES D-G	11	Highschool Graduate
CSE GRADE 1/SCE BANDS A-C/Standard Grade LEVEL 1-3	11	Less than Highschool
CSE GRADES 2-5/SCE Ordinary BANDS D-E	11	Less than Highschool
CSE Ungraded	11	Less than Highschool
SLC Lower	11	Less than Highschool
SUPE Lower or Ordinary	11	Less than Highschool
School Certificate or Matric	11	Less than Highschool
NVQ Level 5	16+	College Graduate
NVQ Level 4	16+	College Graduate
NVQ Level 3/Advanced level GNVQ	13	Some College
NVQ Level 2/Intermediate level GNVQ	11	Highschool Graduate
NVQ Level 1/Foundation level GNVQ	11	Less than Highschool
Recognised Trade Apprenticeship completed	Other	Other
Clerical or Commercial Qualification (eg typing/book-keeping	Other	Other
Other qualifications	Other	Other