

Harmonized LASI Documentation

VERSION A.3 (2017-2021), APRIL 2023

Sandy Chien, Codi Young, Drystan Phillips, Jenny Wilkens,
Yuxuan Wang, Alden Gross, Erik Meijer, Marco Angrisani,
& Jinkook Lee

Please cite use of dataset or documentation as:

Chien, Sandy, Codi Young, Drystan Phillips, Jenny Wilkens, Yuxuan Wang,
Alden Gross, Erik Meijer, Marco Angrisani, and Jinkook Lee.

“Harmonized LASI, Version A.3.” The Gateway to Global Aging Data, 2023.
<https://doi.org/10.25549/h-lasi>.

*We greatly appreciate support from the National Institute on Aging
(R01AGO42778, 2R01AGO30153, and 2R01AGO51125)*

Preface

The Longitudinal Aging Study in India (LASI) is a longitudinal study of individuals aged 45 and older in India. LASI collects information conceptually comparable to that gathered by the Health and Retirement Study (HRS) in the United States and its sister surveys in Asia, Europe, Mexico, and elsewhere. Part of the reason for the close connection is to allow cross-country comparisons using these data.

In order to make the data more accessible to researchers and to facilitate such comparisons, we, the USC Gateway to Global Aging team, created the Harmonized LASI, a user-friendly version of a subset of the LASI Interviews. The Harmonized LASI initiative is part of a larger set of projects. With funding and support from the National Institute on Aging, we have also created the Harmonized HRS (USA), Harmonized MHAS (Mexico), Harmonized ELSA (England), Harmonized SHARE (Europe and Israel), Harmonized CRELES (Costa Rica), Harmonized KLoSA (South Korea), Harmonized JSTAR (Japan), Harmonized TILDA (Ireland), Harmonized CHARLS (China), and Harmonized MARS (Malaysia). Further information about these Harmonized data files with questionnaires and other metadata is available on our searchable website, <https://g2aging.org/>.

In creating the Harmonized data files, we have followed the RAND HRS and Harmonized HRS conventions of variable naming and data structure. The RAND HRS is a user-friendly version of a subset of the HRS that the RAND Center for the Study of Aging created to increase usability. The RAND HRS is supplemented by the Harmonized HRS which includes additional variables not created in the RAND HRS, and is produced by the USC Gateway to Global Aging Data team. The Harmonized LASI includes variables with a similar naming convention that mimics the RAND HRS, Harmonized HRS, and other Harmonized variables. This document describes these data.

The Harmonized LASI data will be distributed through the Gateway to Global Aging Data website at <https://g2aging.org/>. We also make available a Stata script (“do file”) that generates these derived variables from the original LASI data files. Additional information about the LASI can be obtained from the LASI website at <https://lasi-india.org/>.

We are grateful for the continuing support of and funding from the National Institute of Aging. In interpreting the LASI data, we greatly benefited from the help and insights of LASI staff members, particularly the International Institute of Population Sciences (IIPS) and the Harvard School of Public Health. We have greatly benefited from the discussions with and the suggestions from our colleagues David Bloom, Arunika Agarwal, T.V. Sekher, K.S. James, Sangeeta Gupta, Mathew Varghese, Ashok Posture, P. Arokiasamy, Dipti Govil, Aparajita Chattopadhyay, Sanjay Mohanty, Sarang Pedgaonkar, Pranali Khobragade, Perry Hu, Urvashi Jain, and Albert Weerman. We would also like to acknowledge our current and former colleagues at the Gateway to Global Aging Data, Sidney Beaumaster, Samuel Lau, and Ashley Lin.

Requested Acknowledgment

We ask all users of the Harmonized LASI to please inform our team of any written analysis using data from the Harmonized LASI or information from the Harmonized LASI 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 LASI dataset and Codebook, Version A.3 as of April 2023, developed by the Gateway to Global Aging Data (DOI: <https://doi.org/10.25549/h-lasi>). The development of the Harmonized LASI was funded by the National Institute on Aging (R01 AG042778, 2R01 AG030153, 2R01 AG051125). For more information about the Harmonization project, please refer to <https://g2aging.org/>."

LASI Version and Acknowledgment

This document uses data from the 2017 – 2019 Wave 1 of LASI, Version B. LASI is a joint project of three partnering institutions: International Institute for Population Sciences (IIPS), Harvard T.H. Chan School of Public Health (HSPH), and University of Southern California (USC). LASI Wave 1 was funded by the Ministry of Health and Family Welfare, Government of India, the National Institute on Aging (R01 AG042778), and United Nations Population Fund, India.

Contents

PREFACE.....	1
LIST OF TABLES	5
WHAT’S NEW IN VERSION A.3 OF THE HARMONIZED LASI?	6
1. INTRODUCTION AND OVERVIEW	10
1.1. Gateway to Global Aging Data	11
1.2. Unit of Observations.....	12
1.3. Data File Structure	12
1.4. Variable Naming Convention	13
1.5. Missing Values, Nonresponse, and Imputations	14
1.6. Weighting and Accounting for Survey Design	15
1.6.1. Design Weights and Non-Response Adjusted Design Weights	15
1.6.2. Post-Stratification	16
1.6.3. Raking/Trimming Algorithm.....	17
1.6.4. Individual-Level Post-Stratification Weights.....	17
1.6.5. Household-Level Post-Stratification Weights	18
2. WEALTH, INCOME, AND CONSUMPTION VARIABLES.....	20
2.1. Units of observation, financial and housing respondent	20
2.2. Currency and timing	21
2.3. Differences between the Harmonized LASI and RAND HRS or Harmonized HRS	21
3. FINANCIAL VARIABLES: IMPUTATION	22
3.1. Background	22
3.2. USC Imputation Process.....	22
4. COGNITION VARIABLES: IMPUTATION.....	24
4.1. Regressors	25
4.2. Block-sequential and chained imputation	26
4.3. Other details	27
4.4. Calculation of Factor Scores	27
5. STRUCTURE OF CODEBOOK	28
6. DISTRIBUTION AND TECHNICAL NOTES.....	31
7. DATA CODEBOOK.....	32
SECTION A: DEMOGRAPHICS AND IDENTIFIERS	33

SECTION B: HEALTH	84
SECTION C: HEALTH CARE UTILIZATION AND INSURANCE	188
SECTION D: COGNITION	221
SECTION E: FINANCIAL AND HOUSING WEALTH	268
SECTION F: INCOME AND CONSUMPTION	297
SECTION G: FAMILY STRUCTURE	357
SECTION H: EMPLOYMENT HISTORY	407
SECTION I: RETIREMENT	456
SECTION J: PENSION	463
SECTION K: PHYSICAL MEASURES.....	476
SECTION L: ASSISTANCE AND CAREGIVING	517
SECTION M: STRESS	558
SECTION N: HOUSING AND ENVIRONMENT.....	577
SECTION Q: PSYCHOSOCIAL	586
REFERENCES	640

List of Tables

Table 1. Missing Codes	14
Table 2. Regressors for the cognition imputations (except the other cognition variables)	25
Table 3. Cognition items and their sum scores.	25

What's New in Version A.3 of the Harmonized LASI?

Version A.3 incorporates the latest released version of LASI data, and adds data from Sikkim. It contains 73,408 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 have added the following variables to the file:

Demographics:

- We added **RwNWTRESP**, the person-level weight for those who participated in the biomarker module.
- We added **RABCOUNTRY** which indicates whether the respondent was born in the country of interview (India).

Health:

- We added **RwNAGI8**, **RwNAGI8M**, and **RwNAGI8A** as an additional mobility summary score.

Cognition:

- We added **RwFGCP**, a general cognitive factor score that reflects the respondent's cognitive function as a latent trait using a graded response item response theory model.

Assistance and Caregiving:

- We added **RwGAPCARE_L** and **RwGABCARE_L** which indicate whether the respondent primarily provides personal care to their parent or sibling.

Psychosocial:

- We added **RwLIDEAL3**, **RwLEXCL3**, **RwLSTSF3**, **RwLIMPTT3**, and **RwLCHNOT3** to maximize comparability across Harmonized datasets.
- We added **RwSATHOME**, indicating the respondent's satisfaction with their home.
- We added variables related to the respondent's activity-related affective experience yesterday.
- We added **RwCANTRIL**, indicating the respondent's rating of their place in society.
- We added variables related to the respondent's day reconstruction.
- We added variables related to the respondent's overall experienced well-being yesterday.

We have made the following corrections to the data and documentation:

Demographics:

- We adjusted **RABPLACE** to take a value of 37 instead of special missing value .o if they were born abroad for consistency with the coding used in other Harmonized datasets.
- We renamed **RABCOUNTRY** in the previous version to **RABCOUNTRY_L** to distinguish it from the indicator for being born in the country of interview of the same name in other Harmonized datasets.

- The household weights, **HHwWTHH**, were rescaled to total the number of households rather than the number of individuals. Despite this change, the weights should produce the same results.
- We adjusted **RAEDUC_L**, **RAEDUCL**, and **RAEDYRS** to provide values for 3 observations that had missing values in the previous version using information provided in the coverscreen.
- We adjusted **RwMSTAT**, **RwMSTATH**, and **RwMNEV** provide values for 5 observations that had missing values in the previous version using information provided in the coverscreen.

Health:

- We renamed **RwADLTOT_L**, **RwADLTOTM_L**, and **RwADLTOTA_L** to **RwADLTOT6**, **RwADLTOT6M**, and **RwADLTOT6A**, respectively, to emphasize the comparability with other Harmonized datasets for this summary measure.
- We renamed **RwRXCHOL** to **RwRXHCHOL** for consistency with the naming used in other Harmonized datasets.
- We renamed **RADIAGLUNG_L** to **RADIAGRESP** in order to maximize comparability with other studies that combine chronic lung diseases and asthma.
- We corrected **RADIAGDIAB** to assign special missing .x values if the respondent has not been diagnosed with diabetes, rather than special missing .i values.
- We made a correction to **RwFALLINJ** to include a missing variable in its creation.

Healthcare Utilization and Insurance:

- All financial imputations were re-run given changes in the covariate variables which affect financial variables in medical expenditures. Additionally, the financial imputation flag variables were adjusted to better reflect the level of information known. This change more correctly assigned a flag value of 5.no value/bracket, 7.dk ownership, and 8.module not answered, in place of 2.complete bracket and 3.incomplete bracket in the case of sequential imputations.

Cognition:

- We changed **RwBWC20** to **RwBWC20A** and **RwBWC100** to **RwBWC100A** because they only allow respondents a single trial to count backwards from 20 or 100 and are coded with a 0/1, while other studies using the variable name **RwBWC20** allow two trials and are coded with a 0/1/2.
- We adjusted the naming of **RwIQSCORE#** to **RwCIQSCORE#** and **RwJORMSCORE** to **RwCJORMSCORE** so as to avoid confusion with similar variables in the Harmonized LASI-DAD.
- All cognition imputations were re-run given changes in the covariate variables which affect cognition variables.

Financial and Housing Wealth:

- We made corrections to **HHwALAND** and **HHwATOTB** to use the value of cultivated and non-cultivated land instead of the rental income from cultivated and non-cultivated land.
- All financial imputations were re-run given changes in the covariate variables which affect wealth variables. Additionally, the financial imputation flag variables were adjusted to better reflect the level of information known. This change more

correctly assigned a flag value of 5.no value/bracket, 7.dk ownership, and 8.module not answered, in place of 2.complete bracket and 3.incomplete bracket in the case of sequential imputations.

Income:

- All financial imputations were re-run given changes in the covariate variables which affect income and consumption variables. Additionally, the financial imputation flag variables were adjusted to better reflect the level of information known. This change more correctly assigned a flag value of 5.no value/bracket, 7.dk ownership, and 8.module not answered, in place of 2.complete bracket and 3.incomplete bracket in the case of sequential imputations.

Employment:

- We renamed **RwFWGIWK** and **RwFWGIWK2** to **RwWGFWK** and **RwWGFWK2** for comparability with other Harmonized datasets.
- All financial imputations were re-run given changes in the covariate variables which affect wage rate variables. Additionally, the financial imputation flag variables were adjusted to better reflect the level of information known. This change more correctly assigned a flag value of 5.no value/bracket, 7.dk ownership, and 8.module not answered, in place of 2.complete bracket and 3.incomplete bracket in the case of sequential imputations.

Retirement:

- We renamed **RwRPLNYR** to **RwRPLNYA** to maximize comparability with other Harmonized datasets.

Pension:

- We corrected **RwPUBPENI**, **RwFPUBPENI**, **RwPENAI**, **RwFPENAI**, **RwPENI**, and **RwFPENI** to replace the vast majority of .m special missing values in the previous version with .x special missing values to indicate that the respondent has never worked or is not currently working. We also added the spouse versions of these variables which were erroneously left out.
- All financial imputations were re-run given changes in the covariate variables which affect pension income variables. Additionally, the financial imputation flag variables were adjusted to better reflect the level of information known. This change more correctly assigned a flag value of 5.no value/bracket, 7.dk ownership, and 8.module not answered, in place of 2.complete bracket and 3.incomplete bracket in the case of sequential imputations.

Physical Measures:

- We corrected **RwHTCOMP**, **RwWTCOMP**, **RwWATCOMP**, and **RwHIPCOMP** to separate missing responses, including those who did not participate in any physical measures, which were previously assigned a value of 0.

Assistance and Caregiving:

- We adjusted the names of the variables indicating who the respondent provides care to. **RwGSCARE_L**, **RwGCCARE_L**, **RwGRCARE_L**, and **RwGFCARE_L** were changed to **RwGASCARE_L**, **RwGACCARE_L**, **RwGARCARE_L**, and **RwGAFCARE_L** to better distinguish the type of care provided.

- RwgCAANY was renamed to **RwGACARE** and no longer indicates whether the respondent looked after their grandchildren, but rather only indicates whether the respondent provides personal care to a family member or non-family member.

Stress:

- We reversed the coding for **RwSFHOME_L** and **RwAFWALK_L** so that a higher score indicates a higher level of stress.
- We reversed the coding for **RwLSRSPCT**, **RwPRSRVC**, **RwNOTSMRT**, **RwACTAFD**, **RwHARASS**, and **RwPRTRMT** so that a higher score indicates a higher level of stress. This change does not impact the coding for the summary score RwdSCRIM.

Psychosocial:

- We renamed RwsATLIFE to **RwSATWLIFE**, reversed its scale for comparability with other Harmonized datasets, and removed RwsATLIFEZ to distinguish satisfaction with life as a whole.

1. Introduction and Overview

This report documents the Harmonized LASI data files, a streamlined collection of variables derived from the Longitudinal Aging Study in India (LASI). The LASI is a multidisciplinary, internationally harmonized panel study designed to be nationally representative of India's population aged 45 and older. It was designed to provide policymakers with detailed, comprehensive data on the key economic, social, and health characteristics of India's older population. The survey elicits information about demographics, housing and environmental conditions, income, consumption, assets and debts, health insurance, employment history, retirement, pension, health, cognition, health care access and utilization, family and social networks, social welfare schemes, and biomarkers.

LASI is a joint project of three partnering institutions: International Institute for Population Sciences (IIPS), Harvard T.H. Chan School of Public Health (HSPH), and University of Southern California (USC). The first wave was conducted between 2017 and 2019 in 35 of India's 36 states and union territories (except Sikkim). This initial sample, as released by USC, included 42,951 households and 72,262 individuals. Interviews were conducted in Sikkim between 2020 and 2021. This sample includes 635 households and 1,146 individuals. In total, there are 43,586 households and 73,408 individuals as part of Wave 1. Please note that the India National Report and the IIPS release of the data include 72,250 individual records and 42,951 household records. In the USC-version of the data, one duplicate record was removed, 13 additional records were added to the individual data, and two additional records were included in the household data. These additional records are part of the LASI sub-study Harmonized Diagnostic Assessment of Dementia (DAD).

The LASI sampling plan was based on the 2011 Indian Census with a multistage, stratified cluster sample design. The sample design includes three distinct selection stages in rural areas and four stages in urban areas. In the first stage, primary sampling units (PSUs), that is tehsils or taluks, were chosen in each state/union territory. In the second stage, villages were selected from the rural PSUs and wards were selected from the urban PSUs. In rural areas, households were chosen from the selected villages during the third stage. In urban areas, one Census Enumeration Block (CEB) per ward was chosen in the third stage and households were selected from each CEB in the fourth stage. Eligible households were defined as those with at least one member 45 years of age or older. Eligible individuals were those in these households who were 45 years of age or older and their spouses, regardless of age. In addition to this core sample, LASI oversampled individuals aged 65 and older from all stages and major cities.

The data include any individual interviewed at least once. This includes individuals who were age-eligible (born in eligible years) and their spouses regardless of age.

The USC release of the raw LASI data is contained in three data files: coverscreen data, household data, and individual data, which includes the biomarker data. The Harmonized LASI

data file incorporates data from all three data files. It does not include any data which is not public release.

For more details on the LASI study background, design, and findings, please see “Longitudinal Aging Study in India (LASI): User Guide for 2017-2019 LASI Wave 1” on the Gateway website (<https://g2aging.org/>).

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 Costa Rican Longevity and Healthy Aging Study (CRELES), 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), the Brazilian Longitudinal Study of Ageing (ELSI), the Northern Ireland Cohort Longitudinal Study of Ageing (NICOLA), the Chilean Social Protection Survey (SPS), the Malaysia Ageing and Retirement Survey (MARS), 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, Phillips, and Wilkens (2019).

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 (Gateway) helps users understand and use these large-scale population surveys on health and retirement. The Gateway 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 Gateway 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 Gateway also includes population and sub-population estimates for key harmonized variables and present them in graphs and tables that can be downloaded.

The Gateway can be accessed at <https://g2aging.org/>. For more information about using the Gateway, visit the Help page. For more information about obtaining the Harmonized LASI or downloading the Stata file used to create the Harmonized LASI using the Gateway, see “Chapter 4. Distribution and Technical Notes.”

1.2. Unit of Observations

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 the LASI, 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 45 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 LASI, a household may consist of more than one "couple".

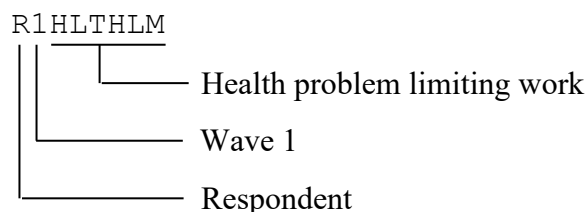
LASI provides a limited amount of information about household members who are not interviewed. The coverscreen respondent reports a complete household roster and for each household member, age, sex, marital or partner status, and identity of the spouse or partner are recorded. Only individuals aged 45 or older 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 LASI data are contained in a single file which includes the sample from the first wave of LASI. The data are stored in a “fat format” where each observation represents one respondent. The unit of observation is the respondent. Each individual is uniquely identified by the unique identifier *prim_key*. Households are identified by *hhid*. 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 LASI can include multiple couples, so respondents in the Harmonized LASI data with the same household ID can have different values for *hWcoupid*. This file may be merged with other LASI data using *prim_key*.

1.4. Variable Naming Convention

With few exceptions, variable names in the Harmonized LASI data follow a consistent pattern. The first character indicates whether the variable refers to the reference person (“R”), spouse (“S”), the couple (“H”), or the full household (“HH”).¹ The second character indicates the wave to which the variable pertains: “1” or “A”. The “A” indicates “all,” i.e., the variable is not specific to any single wave. An example is `RABYEAR`, the birth year of the respondent. The remaining characters describe the concept that the variable captures. For example:



Variable **R1HLTHLM** captures whether the respondent experiences an impairment or health problem that limits the kind or amount of paid work they can do.

In the text below, we may refer to variables, such as `RwHlTHLM` for example, without specifying the wave. This reference points at the group of variables that follow the pattern of `R1HlTHLM`.

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) follows. The remainder of the label describes the concept that the variable captures. For example, the variable label of `R1HLTHLM` is:

r1hlthlm:w1 r 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 suppress the variable name and instead use its label in the presentation of results.

Variable names in the Harmonized LASI are generally based on the variable name used in the RAND HRS or in the Harmonized HRS for the same measure. Measures that are exactly or near-exactly comparable between the Harmonized LASI and RAND HRS or Harmonized HRS use the exact same name. For instance, RABYEAR is the variable name for the respondent's birth year in both the Harmonized LASI as well as the RAND HRS. If the Harmonized LASI measure is deemed only somewhat comparable with the RAND HRS or Harmonized HRS version of that measure, the variable name in the Harmonized LASI will often end in "_L." For instance, the Harmonized LASI variable for labor force status is named RwlBRF_L, while the RAND HRS variable for labor

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.

force status is named `RwLBRF`. The reason for this difference in variable name is that the LASI used a different set of labor force statuses than the HRS. Other reasons for Harmonized LASI-specific variable names include: differences in survey questions, differences in survey routing, and whether both sets of variables use imputed values. Harmonized LASI-specific variable names are used to notify the user that there are substantial differences between the RAND HRS or Harmonized HRS and Harmonized LASI measure and clean harmonization between these measures is not possible.

The Harmonized LASI includes some variables without Harmonized LASI-specific variable names even though the Harmonized LASI measure is significantly different from the RAND HRS or Harmonized HRS measure of the same name. In particular, wealth and income measures in the Harmonized LASI will not use Harmonized LASI-specific variable names even though wealth and income measures in the Harmonized LASI are expressed in nominal rupees while income and wealth measures in the RAND HRS are always expressed in nominal dollars. Users should always check the “Differences with RAND HRS/Harmonized HRS” section of each measure before comparing any Harmonized LASI measure to the RAND HRS or Harmonized HRS version of the same measure 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, SAS, and SPSS offer the capability to distinguish between 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
.m	Other Missing
.s	Skipped
.l	Illiterate
.a	Age ineligible
.u	Reference person is not married (for spouse variables)
.v	Spouse did not respond this wave (for spousal variables)
.p	Proxy
.w	Not working

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

Item nonresponse for many variables is handled by imputation. The LASI Wave 1 data includes two sets of imputed financial variables based on two different approaches, one by IIPS and one by USC. Financial variables in the Harmonized LASI are based on the USC imputations. Please refer to Section 5 in the LASI Wave 1 User Guide (2021) for a detailed technical description of the two approaches. The Harmonized LASI also provides imputations for cognitive variables.

1.6. Weighting and Accounting for Survey Design

Harmonized LASI weights are provided at the individual and at the household level. They are constructed in two steps. In a first step, a *design weight* is created to account for unequal selection probabilities of households, and therefore, individuals within selected households. In a second step, *post-stratification weights* are generated to correct for differential non-response rates and to bring the sample in line with the reference population as far as the distribution of key socio-demographic variables is concerned.

A weight is also provided for those who participated in the biomarker sample of the LASI.

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

```
svyset [pweight=r1wtresp]
```

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: proportion r1smoken
```

If we wanted to estimate the frequency of smoking for those aged 50 to 70 we could use the following svy command:

```
svy, subpop(inrange(r1agey,50,70)): proportion r1smoken
```

1.6.1. Design Weights and Non-Response Adjusted Design Weights

LASI adopted the following sampling design. In each state, the Primary Sampling Units (PSUs), namely sub-districts, were selected. Within a selected PSU, the Secondary Sampling Units (SSUs), namely villages in rural areas and wards in urban areas, were selected. Next, 32 households were sampled within each selected village in rural areas and 35 households were

sampled within each selected ward in urban areas. Within a selected household, all adults aged 45 and above and their spouses irrespective of age were included in the sample.

We denote the design weight for a household h by w_h^{des} . This is defined as the inverse of the inclusion probability of household h . Based on the sampling design above, the inclusion probability of household h in State= s , PSU= j , and SSU= k is given by:

$$\pi_h = Pr(PSU = j | State = s) \times Pr(SSU = k | PSU = j) \times Pr(selection\ of\ h | SSU = k)$$

Hence, the design weight for a household h is:

$$w_h^{des} = 1/\pi_h$$

The design weight of individual i residing in household h , w_i^{des} is the same as the design weight of the household:

$$w_i^{des} = w_h^{des} = 1/\pi_h$$

The household-level response rate, rr_h , is defined as the number of households that participated in the survey divided by the total number of age-eligible sampled households within a SSU (households with at least one member age 45 or older). A household was considered as participating in the survey if at least one of its members participated in the survey. The individual-level response rate, rr_i , is defined as the number of individuals that participated in the survey divided by the total number of eligible sampled individuals within a SSU.

Non-response adjusted design weights are calculated as follows:

$$\begin{aligned} w_h^{des_rr} &= w_h^{des} / rr_h \\ w_i^{des_rr} &= w_i^{des} / rr_i \end{aligned}$$

1.6.2. Post-Stratification

To account for differential coverage and response rates across LASI respondents and households, we perform a second layer of weighting to align the final survey sample to the reference population as far as the distribution of key variables is concerned.

This second step involves **raking weighting** (also known as iterative marginal weighting), starting from the non-response-adjusted design weights. Specifically, we assign post-stratification weights to survey respondents/households such that the weighted distributions of specific socio-demographic variables in the survey sample match their population counterparts. Benchmark distributions used for post-stratification are derived from the 2011 Indian Census.

1.6.3. Raking/Trimming Algorithm

We adopt a **raking algorithm** to generate post-stratification weights. It involves the comparison of target population relative frequencies and actually achieved sample relative frequencies on a number of socio-demographic variables independently and sequentially. More precisely, starting from the non-response-adjusted design weights, at each iteration of the algorithm, weights are proportionally adjusted so that the distance between survey and population marginal distributions of each selected socio-demographic variable (or raking factor) decreases. The algorithm stops when survey and population distributions are perfectly aligned. In our case, convergence is achieved within a maximum of 50 iterations.

Our raking algorithm trims extremely large weights (top 1%) in order to limit variability and improve efficiency of estimators. We follow the general weight trimming and redistribution procedure described by Valliant, Dever and Kreuter (2013). We briefly describe this procedure for individual-level weights; the same logic applies to household-level weights.

Indicating with w_i^{rak} the raking weight for respondent $i = 1, \dots, N$, and with $\bar{w}^{rak} = \frac{1}{N} \sum_{i=1}^N w_i^{rak}$ the sample average of raked weights,

- I. We set the upper bound (U) on weights equal to the 99th percentile of the w_i^{rak} distribution.
- II. We reset any weights larger than the upper bound to U :

$$w_i^{trim} = \begin{cases} w_i^{rak} & \text{if } w_i^{rak} < U \\ U & \text{if } w_i^{rak} \geq U \end{cases}$$

- III. We compute the amount of weight lost by trimming as $w^{lost} = \sum_{i=1}^N (w_i^{rak} - w_i^{trim})$ and distribute it equally among the respondents whose weights are not trimmed.
- IV. If these new weights are all below U , no further adjustment is performed. If any of these new weights are above U , the trimming procedure is repeated iteratively until all weights are smaller than U .

While raking weights can match population distributions of selected variables, trimmed weights typically do not. We therefore iterate the raking algorithm and the trimming procedure until post-stratification weights are obtained that respect the weight bounds and align sample and population distributions of selected variables. We use a maximum of 5 iterations. If an exact alignment respecting the weight bounds cannot be achieved within 5 iterations, the raked weights will ensure an exact match of (weighted) survey relative frequencies to their population counterparts, but the weights will not be within the pre-determined bounds.

1.6.4. Individual-Level Post-Stratification Weights

For individual-level post-stratification weights, we use the following set of raking factors:

- *Gender* [Male; Female] × *Age* [<50; 50-59; 60-69; 70+]
- *Rural Indicator* [Rural; Urban]
- *Gender* [Male; Female] × *Education* [No School; Primary or less; Middle; Secondary or more]

The use of two-way marginals – gender × age and gender × education – allows us to account for discrepancies between sample and population distributions of age and education by gender, which would not be accounted for using one-way marginals alone (gender, age, and education as separate raking factors). At the same time, by matching the distributions of gender × age and gender × education, we ensure that the overall distributions of gender, age, and education align with their population counterparts.

Population benchmarks for the three raking factors described above are taken from the 2011 Indian Census. The reference population is the population of Indian adults aged 45 and older.

We indicate by w_i^{post} the post-stratification weight for individual i . This is obtained by applying the raking/trimming procedure described above to the non-response-adjusted design weights $w_i^{des_rr}$. We perform the raking/trimming procedure separately for each state and then scale up the resulting weights to the size of the Indian population age 45 and older. Thus, the provided individual-level post-stratification weights make the LASI sample representative (as far as gender, age, education, and urbanicity are concerned) of each state, when the analysis is restricted to a specific state, and of the overall population age 45 and older, when the analysis uses the entire sample.

Individual-level post-stratification weights are expressed relative to their sample mean. Formally:

$$w_i^{final} = \frac{w_i^{post}}{\left(\frac{1}{N_I} \sum_{j=1}^{N_I} w_j^{post}\right)}$$

where N_I is the number of individuals in the LASI sample. Hence, they sum to N_I and average to 1 within the entire sample of LASI respondents.

1.6.5. Household-Level Post-Stratification Weights

For household-level post-stratification weights, we use only one raking factor:

- *Gender of the Household Head* [Male; Female] × *Rural Indicator* [Rural; Urban]

With this, we can account for discrepancies between sample and population distributions of the household head's gender by residence in a rural or urban area. At the same time, this ensures that the overall distributions of the household head's gender and urbanicity align with their population counterparts.

The population distribution of the raking factor (gender of the household head \times rural indicator) is taken from the 2011 Indian Census. The reference population is the population of Indian households.

Indicate by w_h^{post} the post-stratification weight for household h . This is obtained by applying the raking/trimming procedure described above to the non-response-adjusted design weights $w_h^{des_rr}$. We perform the raking/trimming procedure separately for each state and then scale up the resulting weights to the size of the Indian population of households. Thus, the provided household-level post-stratification weights make the LASI sample representative (as far as household head's gender and urbanicity are concerned) of each state, when the analysis is restricted to a specific state, and of the overall population of households, when the analysis uses the entire sample.

Post-stratification weights are expressed relative to their sample mean. Formally:

$$w_h^{final} = \frac{w_h^{post}}{\left(\frac{1}{N_H} \sum_{j=1}^{N_H} w_j^{post} \right)}$$

where N_H is the number of households in the LASI sample. Hence, household-level post-stratification weights sum to N_H and average to 1 within the entire sample of LASI households.

2. Wealth, Income, and Consumption Variables

2.1. Units of observation, financial and housing respondent

It is important to distinguish the unit of observation for LASI wealth and income measures because financial questions can be asked about the individual or about the full household. In LASI, all age-eligible household members and their spouses or partners were eligible for interviewing.

As part of the coverscreen interview, the coverscreen respondent was asked to identify two household members to answer different parts of the LASI interview on behalf of the household. The coverscreen respondent could select any household member aged 18 or older. To answer the Housing & Environment (HE) and Household Consumption (CO) modules, the coverscreen respondent was asked to select a housing respondent who would be the most knowledgeable household member to answer questions about housing, the surrounding physical environment, and household consumption. To answer the Household Assets and Debts (AD), Household Income (IN), and Health Insurance (HI) modules, the coverscreen respondent was asked to select a financial respondent who would be the most knowledgeable household member to answer questions about household income, assets and debts, health insurance schemes, and other financial matters.

LASI asked asset questions (and asset income questions) at the household level to the financial respondent. The financial respondent was asked to report the asset amounts for the household.

LASI asked income questions about individual earnings and individual pension income at the individual level to the financial respondent. The financial respondent was asked to report individual income amounts for each household member who received wages or salaries from employment or odd jobs, including both agricultural and non-agricultural work, in the past 12 months. The financial respondent was asked to report individual pension income amounts for each household member who received pension income (work related/ contributory/ commercially purchased) in the past 12 months. LASI asked all other income questions at the household level to the financial respondent. The financial respondent was asked to report the income amounts for the full household.

LASI asked consumption questions at the household level to the housing respondent. The housing respondent was asked to report the consumption amounts for the full household.

In order to distinguish whether a value corresponds to the respondent, the spouse, or to the full household, financial variable names either begin with "R", "S", or "HH". If the value corresponds to individual level, the variable names begin with "R" for respondent or "S" for

spouse. On the other hand, if the value corresponds to the full household, then the name of the variable will start with "HH".

For harmonization purposes, it is preferable to use the same unit of observation in different harmonized data sets. Since the RAND HRS neither has information on wealth and income of household members outside the couple and LASI only asks a few income questions (earnings and pension income) at the individual level, Harmonized LASI wealth and income variables rarely share the same unit as RAND HRS wealth and income variables.

2.2. Currency and timing

All LASI financial variables are expressed in nominal rupees.

LASI asset questions ask about current asset values.

LASI income questions ask for the best estimate of the total income in the last 12 months.

LASI consumption questions use more than one type of timing. Some consumptions questions ask for expenditure amounts in the last 7 days, some ask for expenditure amounts in the last 30 days, and others ask for expenditure amounts in the last 12 months. As LASI uses different timings when asking consumption questions, the Harmonized LASI variable that groups different sets of expenditures are expressed in the timing that was asked in the LASI survey. To produce aggregated total consumption variables, the timing of each component is adjusted so that the total household consumption variables are expressed in yearly equivalents.

2.3. Differences between the Harmonized LASI and RAND HRS or Harmonized HRS

The Harmonized LASI is intended to be as comparable to the RAND HRS and Harmonized HRS as possible. See Bugliari et al. (2023) for the documentation of the RAND HRS and Wilkens et al. (2023) for the documentation of the Harmonized 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 LASI and the corresponding variables in the RAND HRS or Harmonized HRS are indicated on a per variable basis. For a full list of those RAND HRS and Harmonized HRS measures which are not available in the Harmonized LASI, see <https://g2aging.org/>.

3. Financial Variables: Imputation

3.1. Background

The LASI Wave 1 data includes two sets of imputed financial variables that are based on two different imputation methods, one by IIPS and one by USC. The Harmonized LASI is based on the USC-imputed financial variables. For a detailed explanation of the two imputation approaches, please refer to Section 5 in the LASI Wave 1 Data User Guide (2021).

Most LASI financial questions follow the same pattern. “Unfolding bracket” questions help respondents provide more information about their financial assets, earnings, and expenditures. In the case that a respondent is not able to provide an exact financial value, unfolding bracket questions ask the respondent to indicate whether the amount in question is above or below a certain threshold, randomly chosen from a set of five thresholds. These thresholds were derived from India’s National Sample Survey (NSS) to reflect the distribution of various financial variables in rural and urban settings across the country. Respondents typically proceed through three brackets until an upper and lower bound can be identified by deduction.

The LASI also contains a number of blocks of survey questions which ask about related financial values and then ask an “altogether” value question to help respondents provide more information about their financial assets, earnings, and expenditures. After a block of related financial value questions, the “altogether” value question asks the total value of all related components, in the case that the respondent was not able to provide a value for each question. The answers to these “altogether” questions can be used to narrow the possible range of values for each related component question or to provide an approximate value of the total value for the group.

3.2. USC Imputation Process

A brief summary of USC’s imputation strategy is provided in this section. For complete details, please refer to Section 5.6 in the LASI Wave 1 Data User Guide (2021).

The USC imputation process focuses on using the additional information that respondents provided to LASI in the unfolding bracket questions and the “altogether value” questions to assign values in the case that a respondent was not able to provide an exact value. The USC imputation procedure also uses information provided by similar individuals/households to assign values. By working to assign values for every individual/household, researchers have access to complete data. When provided with complete data, researchers are able to appropriately apply the LASI country and state-level weights and generate accurate population estimates. When researchers do not have access to complete data, missing values can easily lead to incorrect and misleading estimates even when using weights because the provided weights are not generated to account for item-level missingness inside of the study data.

All USC imputed variables use the predictive mean matching imputation method (PMM; Little, 1988) to assign a value. The USC LASI PMM method uses all reported values, treating “no ownership” as a zero value, and estimates a linear regression model for the inverse hyperbolic sine of this value with a small set of covariates. The imputed value is then the reported value of the household/individual with the closest predicted value, where the donor pool consists of the households/individuals who reported a value that is consistent with the reported information from the household/ individual that needs imputation. For instance, if a household reported having a value between 10,000 and 50,000 in the unfolding bracket sequence, the donor pool would consist of households who reported a value between 10,000 and 50,000. As part of the imputation process, imputation flag variables are also created, which allow data users to know whether the value was reported or imputed and, if imputed, what information was known (regarding ownership and bracket values). In addition to the value, ownership is also taken from the donor household/individual, so both are jointly imputed. (Note that LASI allows ownership with a zero value, so the two are not equivalent.) For more information about this PMM model, refer to Lee, Meijer, and Phillips (2015).

The LASI Wave 1 data provides USC imputed variables for household consumption, household assets and debts, household income, health insurance, work, retirement, and pension, health care access and utilization, and family and social networks.

4. Cognition Variables: Imputation

We have imputed missing observations in the cognition items. The goal of imputation is to replace the missing values with random draws from a conditional distribution such that the estimated joint distribution from the completed (imputed) data is an unbiased estimator of the true joint distribution of these variables (e.g., Little & Rubin, 2002, sec. 10.2.1; Lee et al., 2015, sec. 2).

We have imputed most cognition variables for most missing cases. However, in certain cases, we have not imputed them. In case of proxy interviews, where an informant such as a household member answers the questions instead of the individual of interest, no cognitive test items have been administered and we have not imputed them for these interviews. Furthermore, two test items (read and follow a command, and writing a sentence) were only administered to literate respondents. We have not imputed these for illiterate respondents. The imputations respect skip patterns and other patterns in the nonimputed data. For example, backwards counting from 100 was only administered if backwards counting from 20 was done correctly; if backwards counting from 20 was incorrect, backwards counting from 100 was also set to incorrect, and the imputations follow this logic. For the cognitive test items, we have recoded “don't know” (.d) as incorrect (0), except for the number of incorrect responses in the animal naming, for which 0 does not reflect the worst outcome. We have imputed backwards counting and serial 7s for individuals who cannot count, even though strictly speaking the individual gave no correct answers and would not be able to do this. These tests were intended to measure processing speed and attention, not numerical ability, and a score of 0 for such individuals would not reflect their cognitive status well. Based on information from the field, the number series test was problematic and we have not imputed it.

The imputation method we have implemented was inspired by the imputations of cognition variables in the HRS (Fisher et al., 2017). It is also similar to the method used in SHARE (De Luca et al., 2015, although they use a simpler method for variables with few missing values). We specified a regression model for each cognition variable as a function of the other cognition variables and a rich set of background variables: health, demographics, and socio-economic characteristics. The regression model specifies the conditional distribution of the variable that must be imputed as a function of the regressors, and the imputations are pseudo-random draws from this conditional distribution. Take, for example, a binary variable such as whether the respondent correctly answered the question about what year it is. Let this variable be y and the regressors be collected in the vector \mathbf{x} . We specified a logistic regression model for y as a function of \mathbf{x} :

$$\Pr(y_i = 1 \mid \mathbf{x}_i) = p_i = \frac{e^{\mathbf{x}_i' \boldsymbol{\beta}}}{1 + e^{\mathbf{x}_i' \boldsymbol{\beta}}}.$$

This was estimated on the sample where y_i is observed. Then we generated a pseudo-random draw u_i from a uniform distribution on the interval (0,1) and for the sample where y_i was missing, we computed p_i and imputed $y_i = 1$ if $u_i \leq p_i$ and $y_i = 0$ otherwise. For binary

variables, we used (binary) logistic regression (i.e., logit) models; for ordinal variables, we used ordered logit; for count variables, we used negative binomial regression or zero-inflated negative binomial regression; and for unordered categorical variables, we used multinomial logit.

4.1. Regressors

The vector \mathbf{x} consists of (1) demographics, (2) socio-economic variables, (3) health, and (4) (other) cognition variables. The regressors from categories 1-3 are listed in Table 2.

Table 2. Regressors for the cognition imputations (except the other cognition variables)

Demographics	Socio-economic	Health
Female	Education (years)	Self-reported health
State	Education (cat.)	Distant vision
Rural	Mother's education	Near vision
Interview language	Father's education	Hearing
Age (categories)	Caste	#Chronic conditions ^a
Couple status	Income quintile	#Mobility limitations
	Wealth quintile	#ADLs
		#IADLs
		Depressive symptoms (CESD)

^aAmong High blood pressure, Heart disease, Diabetes, Stroke, and Alzheimer's/Dementia

The variables that we imputed are listed in Table 3. For the imputation of a variable from this list, the other variables in this list are also included among the regressors. However, because the large number of variables and their high correlations would create numerical problems, we primarily used aggregate scores instead of individual items, as indicated in the last column. This also likely filters out measurement error and guards against capitalizing on chance.

Table 3. Cognition items and their sum scores

Items	#items	Description	Summary score
r1dy, r1dw, r1mo, r1yr	4	Time orientation	r1orient4t
r1city, r1dist, r1place, r1address	4	Place orientation	r1orient4p
r1imrc, r1dlrc	2	10-Word recall	r1recall10
r1draw, r1drawcl	2	Drawing picture	r1drawpic
r1bwc20, r1bwc100	2	Backward counting	r1bwc
r1ser7	1	Serial 7s	
r1object1, r1object2	2	Object naming	r1object
r1action	1	3-Stages task	
r1verbf	1	Verbal fluency: #correct	
r1verbf_inc	1	Verbal fluency: #incorrect	
r1task	1	Read and follow a command	
r1write	1	Write sentence	

r1compu1, r1compu2

2 Computing

r1compu

In some cases, the items that were used as covariates were transformed versions of the raw items. Specifically, the two verbal fluency (animal naming) measures (number correct and number incorrect) were censored at a maximum of 35 when used as a covariate, and the reading and writing items were set to zero for illiterate individuals, and an illiteracy dummy added.

Also, because of a mechanical dependency, backward counting from 20 and 100 were excluded from each other's models. Note that the imputations themselves also respect such dependencies, for example, if backward counting from 20 was imputed as incorrect, backward counting from 100 was set to incorrect as well, and such observations were not included in the imputations for these items.

4.2. Block-sequential and chained imputation

One or more of the regressors in \mathbf{x} could themselves be missing and thus need to be imputed as well. Following the HRS (Fisher et al., 2017), we imputed variables in a sequence of blocks: (1) baseline (time-invariant) demographics and socio-economic variables; (2) wave-specific demographics and socio-economic variables; (3) health; (4) cognition. The imputation of steps 1-3 uses a similar (though generally slightly simpler) approach as the one for cognition.² For some of the demographics, we were able to use information from the coverscreen data without the need for imputation.

Like HRS and SHARE, we used chained imputation (also known as fully conditional specification; Raghunathan et al., 2001; Van Buuren et al., 2006) for the cognition variables (and for some of the variables in categories 1-3). This cycles over the cognition variables, in which each of them is imputed in turn, with the other cognition variables and background variables as regressors, and then repeats this cycle multiple times. We used one cycle to initialize the chain and up to 10 cycles (iterations) to update the imputations, although imputations always converged within 7 iterations.

With each imputed variable, the dataset also includes an imputation flag, which has the same code as the nonimputed variable if the latter was missing, and 1 if the nonimputed variable was not missing. Hence, users who do not want to use our imputations, or who wish to perform nonresponse analyses, can reconstruct the nonimputed variables from these.

² We computed the income and wealth quintiles using the imputed income and wealth measures as documented elsewhere in this codebook. For a small number of cases, imputations were not available. For these, we constructed relatively simple imputations of the quintiles (but not the continuous amounts).

4.3. Other details

The imputation models did not always converge, due to a high degree of collinearity among some of the regressors. Specifically, interview language often caused problems. This has many categories and, therefore, is more likely to occasionally lead to "perfect" predictions and it is also strongly related to state. Hence, as a fallback, we dropped language in case such problems occurred, re-estimated the model, and imputed using the adapted model.

There are more implementation details that are not discussed here. We will provide these upon request. The Stata code used is included with the distributed data.

4.4. Calculation of Factor Scores

We calculated general cognitive scores to reflect cognitive function as a latent trait using a graded response item response theory model (Muthén & Muthén, 2017). To ensure optimal performance of this model, we incorporated intensive neuropsychological tests and geriatric assessments from a sub-study of 4,096 LASI respondents in the harmonized Diagnostic Assessment of Dementia for the LASI (LASI-DAD) study (Lee & Dey, 2020). Using the 11 common and 42 non-common items between LASI and LASI-DAD, we created an overall general cognitive score that is scaled to have a mean of 0 and variance of 1 within the LASI-DAD population. We assessed the precision of our score using model-estimated standard errors for each observation and observed that 97% of observations had marginal reliabilities above 70%, a level which is generally accepted for epidemiologic research (Nunnally, 1978). Importantly, our derived cognitive scores were not sensitive to inclusion of items dependent on literacy (the correlation between scores using literacy vs scores using non-literacy items was 0.995).

5. Structure of Codebook

The Data Codebook contains the codebook documenting all variables in the Harmonized LASI 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.

Self-Report of Health					
Wave	Variable	Label		Type	
1	R1SHLT	r1shlt:w1 r self-report of health		Categ	
1	S1SHLT	s1shlt:w1 s self-report of health			
Descriptive Statistics					
Variable	N	Mean	Std Dev	Minimum	Maximum
R1SHLT	72453	3.18	0.99	1.00	5.00
S1SHLT	49751	3.12	0.99	1.00	5.00
Categorical Variable Code					
Value-----		R1SHLT			
.d:DK		2			
.m:Missing		939			
.r:Refuse		2			
1.Excellent		2972			
2.Very good		13889			
3.Good		28162			
4.Fair		19361			
5.Poor		6935			
Value-----		S1SHLT			
.d:DK		2			
.m:Missing		399			
.u:Unmar		16594			
.v:SP NR		6662			
1.Excellent		2234			
2.Very good		10733			
3.Good		19987			
4.Fair		12624			
5.Poor		4173			

7 How Constructed

LASI asks all respondents to self-report their current health condition using two scales. One scale ranges from 1 for Excellent to 5 for Poor and the other scale ranges from 1 for Very Good to 5 for Very Poor. LASI randomly chose half the sample to answer the Excellent to Poor scale at the beginning of the Health module and the Very Good to Very Poor scale at the end of the Health module. The other randomly selected half of the sample received the scales in the opposite order. This way each individual answered each of the two scales.

RwSHLT indicates the respondent's self-reported general health status using the scale ranging from 1 for Excellent to 5 for Poor. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwSHLT is set to plain missing (.) for respondents who did not participate in the current wave.

SwSHLT indicates the respondent's current wave's spouse's self-reported general health status, and its values are taken from RwSHLT. In addition to the special missing codes employed by RwSHLT, SwSHLT employs two additional special missing codes. 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.

8 → Cross-Wave Differences in LASI

No differences known.

9 → Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, LASI also employs an alternative 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 Poor.

10 → LASI Variables Used

Wave 1 Core:	
HT001_A	Health status
HT001_B	Overall general health status

-
- 1 **Title:** The variables are documented in groups according to the concept that they measure. For example, there are two variables related to self-reported health, corresponding to one wave 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 names of the variables in the group.
 - 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 LASI:** This entry briefly describes differences in question wording or contents between interview waves.

- 9 *Differences with RAND HRS/Harmonized HRS:* This entry describes any differences between the RAND HRS or Harmonized HRS version of the variable and the Harmonized LASI version of the variable. It is imperative these differences are understood when using harmonized measures.
- 10 *LASI Variables Used:* This entry provides the names and labels of raw LASI variables that were used to construct the new variables.

6. Distribution and Technical Notes

The Harmonized LASI Data file is distributed on the Gateway to Global Aging Data (<https://g2aging.org/>) website along with the original LASI data. The Harmonized LASI Data file is made available free of charge but only to users who register with the Gateway to Global Aging Data and agree to the standard conditions. For more information on obtaining access to the LASI data visit: <https://g2aging.org/downloads>.

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

This is Version **A.3** of the Harmonized LASI Data.

A copy of the Harmonized LASI dataset and a copy of this Harmonized LASI Codebook can be obtained on the Gateway to Global Aging Data (<https://g2aging.org/>) under the Download tab.

7. Data Codebook

Section A: Demographics and Identifiers

Identifiers

Wave	Variable	Label	Type
1	PRIM_KEY	prim_key:primary key ID	Char
1	HHID	hhid:HHold ID (char)	Char
1	PNC	pnc:person ID (char)	Char
1	PN	pn:person ID (num)	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
PN	73408	1.95	1.57	1.00	23.00

How Constructed

PRIM_KEY is the 15-digit character identifier that identifies each respondent uniquely. It consists of two separate parts: HHID and PNC. PRIM_KEY can be used to merge the Harmonized LASI with all respondent-level LASI raw datafiles, such as "lasi_ind_bm".

HHID is a 15-digit character household identifier that indicates the household to which a respondent belonged when entering the panel. HHID ends in 00 to uniquely identify the household, but not the respondent within the household. HHID can be used to merge the Harmonized LASI with all household-level LASI raw datafiles, such as "lasi_hh" or "lasi_cv".

PNC is a 2-digit character person identifier that indicates each participant within the household. PN is the numeric version of the person identifier.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Core:	
HHID	Household ID
PRIM_KEY	Person ID

Couple Identifier

Wave	Variable	Label	Type
1	H1COUPID	h1coupid:w1 couple id (num)	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1COUPID	73408	24654.16	14233.02	1.00	49430.00

How Constructed

HwCOUPID is the couple identifier and uniquely identifies a couple in a given wave. HwCOUPID is the same for each person in a couple in the household, allowing researchers to match spouses who are both in the data. A respondent whose spouse or partner does not appear in the survey data or who does not have a spouse or partner (e.g. unmarried, divorced, widowed, or separated) are also assigned a value for HwCOUPID, so that HwCOUPID is not missing for any respondent in a given wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, in LASI there can be multiple couples inside a household, so respondents in the Harmonized LASI data with the same household ID can have different values for HwCOUPID.

LASI Variables Used

Wave 1 Core:	
DM024_1_	Name of the spouse
HHID	Household ID
PRIM_KEY	Person ID
Wave 1 Coverscreen:	
CV013_1_1	Spouse ID of hhmember-1
CV013_1_10	Spouse ID of hhmember-10
CV013_1_11	Spouse ID of hhmember-11
CV013_1_12	Spouse ID of hhmember-12
CV013_1_13	Spouse ID of hhmember-13
CV013_1_14	Spouse ID of hhmember-14
CV013_1_15	Spouse ID of hhmember-15
CV013_1_16	Spouse ID of hhmember-16
CV013_1_17	Spouse ID of hhmember-17
CV013_1_18	Spouse ID of hhmember-18
CV013_1_19	Spouse ID of hhmember-19
CV013_1_2	Spouse ID of hhmember-2
CV013_1_20	Spouse ID of hhmember-20
CV013_1_21	Spouse ID of hhmember-21
CV013_1_22	Spouse ID of hhmember-22
CV013_1_23	Spouse ID of hhmember-23
CV013_1_3	Spouse ID of hhmember-3
CV013_1_4	Spouse ID of hhmember-4
CV013_1_5	Spouse ID of hhmember-5
CV013_1_6	Spouse ID of hhmember-6
CV013_1_7	Spouse ID of hhmember-7
CV013_1_8	Spouse ID of hhmember-8
CV013_1_9	Spouse ID of hhmember-9

Spouse Identifiers

Wave	Variable	Label	Type
1	S1PRIM_KEY	slprim_key:w1 spouse prim_key (char)	Char
1	RASPID1	raspid1:prim_key of 1st spouse	Char
1	R1MLTSPS	rlmltsp: w1 R Number of spouses	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MLTSPS	73404	0.77	0.43	0.00	6.00

How Constructed

SwPRIM_KEY is the PRIM_KEY of the respondent’s first spouse in a particular wave based on the coverscreen. The LASI interview allows the coverscreen respondent to record the household member number of up to 4 spouses. SwPRIM_KEY is the PRIM_KEY for the respondent's first listed spouse. If the respondent is not married or partnered or if the respondent is married but their respondent is not present in the LASI data, then SwPRIM_KEY is set to 0. SwPRIM_KEY can be the PRIM_KEY of a respondent who is not included in the Harmonized LASI data.

The SwPRIM_KEY of the respondent’s first spouse is given in RASPID1. With subsequent waves of data, the respondent may separate from the current spouse and remarry. The new spouse’s PRIM_KEY will be recorded in RASPID2 as the second spouse (which is not the same as the spouse in wave 2 of the data), and so on.

RwMLTSPS indicates the respondent's number of spouses in the current wave. All respondents who reported that they were currently married were asked do you currently have one spouse or more than one spouse and if the respondents answered that they have more than one, they were asked, "in total, how many spouses do you have?" RwMLTSPS is assigned a value of 0 for respondents who are not currently married. If the respondent reported they were married and that they only have one spouse, RwMLTSPS is assigned a value of 1. If the respondent reported they had more than one spouse, RwMLTSPS is assigned the number of spouses reported by the respondent. Don’t know, refused, or other missing responses of RwMLTSPS are assigned special missing codes .d, .r, or .m, respectively. RwMLTSPS is set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike SwHHIDPN in the RAND HRS, SwPRIM_KEY can be the PRIM_KEY of a respondent who is not included in the Harmonized LASI data.

The HRS does not include questions about multiple spouses.

LASI Variables Used

Wave 1 Core:	
DM021	Current Marital Status
DM022	Currently have one spouse or more than one spous
DM023	In total how many spouse do you have
DM024_1_	Name of the spouse
HHID	Household ID
PRIM_KEY	Person ID
Wave 1 Coverscreen:	

CV013_1_1	Spouse ID of hhmember-1
CV013_1_10	Spouse ID of hhmember-10
CV013_1_11	Spouse ID of hhmember-11
CV013_1_12	Spouse ID of hhmember-12
CV013_1_13	Spouse ID of hhmember-13
CV013_1_14	Spouse ID of hhmember-14
CV013_1_15	Spouse ID of hhmember-15
CV013_1_16	Spouse ID of hhmember-16
CV013_1_17	Spouse ID of hhmember-17
CV013_1_18	Spouse ID of hhmember-18
CV013_1_19	Spouse ID of hhmember-19
CV013_1_2	Spouse ID of hhmember-2
CV013_1_20	Spouse ID of hhmember-20
CV013_1_21	Spouse ID of hhmember-21
CV013_1_22	Spouse ID of hhmember-22
CV013_1_23	Spouse ID of hhmember-23
CV013_1_3	Spouse ID of hhmember-3
CV013_1_4	Spouse ID of hhmember-4
CV013_1_5	Spouse ID of hhmember-5
CV013_1_6	Spouse ID of hhmember-6
CV013_1_7	Spouse ID of hhmember-7
CV013_1_8	Spouse ID of hhmember-8
CV013_1_9	Spouse ID of hhmember-9

Wave Status: Response Indicator		
Wave Variable	Label	Type
1 INW1	inw1:In wave 1	Categ
1 INW1PM	inw1pm:In w1 physical measure module	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
INW1	73408	1.00	0.00	1.00	1.00
INW1PM	73408	0.91	0.29	0.00	1.00

Categorical Variable Codes

Value-----	INW1
1.yes	73408
Value-----	INW1PM
0.no	6613
1.yes	66795

How Constructed

INWw indicates whether an individual in the LASI sample responded to a particular wave. Individuals are classified as responding to a wave if they are included in the original LASI individual file for that wave. Individuals who are not included in this file are assigned a 0.

INWwPM indicates whether an individual in the LASI sample responded to the physical measures module in a particular wave. Respondents identified as having participated in the physical measures module are considered to have responded and are coded as 1. Respondents who did not participate in the physical measures module in a particular wave are coded as 0.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The RAND HRS does not include harmonized physical measures, so it does not contain a variable similar to INWwPM. However, a similar variable is available in the Harmonized HRS.

Interview Status		
Wave	Variable	Label
		Type
1	R1IWSTAT	rliwstat:w1 r Interview status
		Categ
1	S1IWSTAT	sliwstat:w1 s Interview status
		Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1IWSTAT	73408	1.00	0.00	1.00	1.00
S1IWSTAT	50152	1.00	0.00	1.00	1.00

Categorical Variable Codes

Value-----	R1IWSTAT
1.resp, alive	73408
Value-----	S1IWSTAT
.u:Unmar	16594
.v:SP NR	6662
1.resp, alive	50152

How Constructed

RwIWSTAT provides the response status of the respondent at each wave. Respondents who participated in the current wave are assigned a code of 1. Non-respondents are identified with codes of 0, and 4-9 depending on the respondent's mortality status and reason for not participating. If the respondent has not entered the sample yet, then RwIWSTAT is set to 0. RwIWSTAT is set to 4 if the respondent is alive so far as we know but did not respond. RwIWSTAT is set to 5 if the respondent died between the last interview and the current one. RwIWSTAT is set to 6 if the respondent died prior to a previous wave. RwIWSTAT is set to 7 if the respondent was dropped from the sample. RwIWSTAT is set to 9 if it is not possible to determine whether the non-responding individual is alive or dead.

SwIWSTAT gives the response and mortality status of the current wave's spouse. It is taken from the spouse's RwIWSTAT. Note that when a spouse dies the spouse interview status for the surviving spouse will have a code of .u, meaning the respondent is unmarried if the surviving spouse does not remarry. A .v missing code indicates that there is no information in the Master file on why the spouse did not respond. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

Person-Level Analysis Weight

Wave	Variable	Label	Type
1	R1WTRESP	rlwtresp:wl r person-level post-stratified analysis weight	Cont
1	S1WTRESP	slwtresp:wl s person-level post-stratified analysis weight	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WTRESP	73408	1.00	0.83	0.00	5.91
S1WTRESP	50152	1.03	0.86	0.00	5.91

How Constructed

RwWTRESP is the person-level post-stratification weight constructed for the Harmonized LASI. It corrects for differential non-response rates and brings the sample in line with the reference population, that is, the population of Indians aged 45 years or older, as far as the distribution of gender, age, education, and urbanicity are concerned. The weight is provided to make the LASI data representative of each state, if the analysis is restricted to a specific state, and of the overall population age 45 and older, if the analysis uses the entire sample.

SwWTRESP is the person-level post-stratification weight of the respondent’s current wave’s spouse, and its values are taken from RwWTRESP. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value .v is used.

For more information on how these weights are constructed, please refer to “Section 1.6 Weighting and Accounting for Survey Design” in this document.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

Household-Level Analysis Weight

Wave	Variable	Label	Type
1	HH1WTHH	hhlwthh:w1 household-level post-stratified analysis weight	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1WTHH	73408	1.10	0.90	0.00	3.58

How Constructed

HHwWTHH is the household-level post-stratification weight constructed for the Harmonized LASI. The household weight is provided to make the LASI data representative, as far as the household head’s gender and urbanicity are concerned, of each state, if the analysis is restricted to a specific state, and of the overall population of households, if the analysis uses the entire sample.

For more information on how this weight is constructed, please refer to “Section 1.6 Weighting and Accounting for Survey Design” in this document.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

Person-Level Biomarker Analysis Weight

Wave	Variable	Label	Type
1	R1NWTRESP	rlnwtresp:w1 r person-level biomarker weight	Cont
1	S1NWTRESP	slnwtresp:w1 s person-level biomarker weight	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1NWTRESP	66795	1.00	0.84	0.00	5.84
S1NWTRESP	46448	1.03	0.87	0.00	5.84

How Constructed

RwNWTRESP is the person-level weight constructed for those who are part of the biomarker sample in the given wave. RwNWTRESP is taken from the LASI weights file. It is assigned a special missing value .m for those who did not participate in the biomarker module of the given wave.

SwNWTRESP is the person-level weight of the respondent’s current wave’s spouse, and its values are taken from RwNWTRESP. If the respondent is not designated as coupled in the current wave and assumed to be single, a special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, a special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

Number of Household Respondents

Wave	Variable	Label	Type
1	HH1HHRESP	hhlhhresp:w1 # core respondents in household	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1HHRESP	73408	1.95	0.73	1.00	9.00

How Constructed

HHwHHRESP is the number of responding individuals in the household 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Core:	
HHID	Household ID
PRIM_KEY	Person ID

Whether Coupled Household

Wave	Variable	Label	Type
1	H1CPL	h1cpl:w1 whether coupled	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H1CPL	73408	0.68	0.47	0.00	1.00

Categorical Variable Codes

Value-----	H1CPL
0.not coupled	23256
1.coupled	50152

How Constructed

HwCPL indicates whether HwCOUPID refers to one person or a couple. Households in LASI can consist of a single respondent or a couple. HwCPL is set to 1 if there is a couple in the household, i.e., two respondents are married or partnered. Otherwise, HwCPL is set to 0 if there is only a single respondent in the household. HwCPL is set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Core:	
HHID	Household ID
PRIM_KEY	Person ID

Housing and Financial Respondents

Wave	Variable	Label	Type
1	R1HHR	rlhhr:w1 r whether housing resp	Categ
1	S1HHR	slhhr:w1 s whether housing resp	Categ
1	HH1OHHR	hhlohhr:w1 hh whether other housing resp	Categ
1	HH1ANYHHR	hhlanyhhr:w1 any housing resp in hh	Categ
1	R1FINR	rlfinr:w1 r whether financial resp	Categ
1	S1FINR	slfinr:w1 s whether financial resp	Categ
1	HH1OFINR	hhlofinr:w1 hh whether other financial resp	Categ
1	HH1ANYFINR	hhlanyfinr:w1 any financial resp in hh	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HHR	73408	0.41	0.49	0.00	1.00
S1HHR	50152	0.38	0.49	0.00	1.00
HH1OHHR	73408	0.27	0.44	0.00	1.00
HH1ANYHHR	73408	1.00	0.01	0.00	1.00
R1FINR	73408	0.40	0.49	0.00	1.00
S1FINR	50152	0.38	0.49	0.00	1.00
HH1OFINR	73408	0.27	0.44	0.00	1.00
HH1ANYFINR	73408	1.00	0.02	0.00	1.00

Categorical Variable Codes

Value-----	R1HHR
0.no	43587
1.yes	29821
Value-----	S1HHR
.u:Unmar	16594
.v:SP NR	6662
0.no	31002
1.yes	19150
Value-----	HH1OHHR
0.no	53482
1.yes	19926
Value-----	HH1ANYHHR
0.no	10
1.yes	73398
Value-----	R1FINR
0.no	43748

1.yes		29660
Value-----		S1FINR
.u:Unmar		16594
.v:SP NR		6662
0.no		30847
1.yes		19305
Value-----		HH1OFINR
0.no		53484
1.yes		19924
Value-----		HH1ANYFINR
0.no		32
1.yes		73376

How Constructed

As part of the coverscreen interview, the coverscreen respondent was asked to identify two household members to answer different parts of the LASI interview on behalf of the household. The coverscreen respondent could select any household member age 18 or older. To answer Housing & Environment (HE) and Household Consumption (CO) modules, the coverscreen respondent was asked to select a housing respondent who would be the most knowledgeable household member to answer questions about housing, the surrounding physical environment and household consumption. To answer Household Assets and Debts (AD), Household Income (IN), and Health Insurance (HI) modules, the coverscreen respondent was asked to select a financial respondent who would be the most knowledgeable household member to answer questions about household income, assets and debts, health insurance schemes, and other financial matters. There are cases where the designated household or financial respondent is not the household member who ends up answering the assigned modules. These cases can be identified using the original LASI household data which includes a variable for each household module which indicates which household member answered that particular module.

RwHHR indicates whether the respondent was selected as the housing respondent. A value of 1 for RwHHR indicates that the respondent was selected to answer the housing information questions, while a value of 0 indicates that the respondent was not selected to answer the housing information questions. RwHHR is set to plain missing (.) if the respondent did not participate in the current wave.

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

HHwOHHR indicates whether the selected housing respondent for the current wave was a household member who did not complete an individual interview at that wave. A value of 1 indicates that a household member who did not complete an individual interview at the current wave was selected as the housing respondent for that wave. A value of 0 indicates that either the selected household respondent was a household member who completed an individual interview or that no household respondent was selected. HHwOHHR is set to plain missing (.) if the respondent did not participate in the current wave.

HHwANYHHR indicates whether any household member was selected as the housing respondent. HHwANYHHR is set to 0 if there is no designated housing respondent in the household. HHwANYHHR is set to 1 if there is a designated housing respondent in the household. HHwANYHHR is set to plain missing (.) if the household did not participate in the current wave.

RwFINR indicates whether the respondent was selected as the financial respondent. A value of 1 for RwFINR indicates that the respondent was selected to answer the financial information questions, while a value of 0 indicates that the respondent was not selected to answer the financial information questions. RwFINR is set to plain missing (.) if the respondent did not participate in the current wave.

SwFINR indicates whether the current wave's spouse was selected as the financial respondent. It is taken from the spouse's values of RwFINR. If the respondent is not designated as coupled in the current wave and assumed to be single, special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, special missing value .v is used.

HHwOFINR indicates whether the selected financial respondent for the current wave was a household member who did not complete an individual interview at that wave. A value of 1 indicates that a household member who did not complete an individual interview at the current wave was selected as the financial respondent for that wave. A value of 0 indicates that either the selected household respondent was a household member who completed an individual interview or that no household respondent was selected. HHwOFINR is set to plain missing (.) if the respondent did not participate in the current wave.

HHwANYFINR indicates whether any household member was selected as the financial respondent. HHwANYFINR is set to 0 if there is no designated financial respondent in the household. HHwANYFINR is set to 1 if there is a designated financial respondent in the household. HHwANYFINR is set to plain missing (.) if the household did not participate in the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In the HRS, a financial respondent and a family respondent are chosen for couple households from the two partnered individuals who participated in an individual interview to answer questions on behalf of the couple. In LASI, a housing respondent and a financial respondent are chosen from any household member who is 18 years old or older, regardless of whether they completed an individual interview, to answer questions on behalf of the whole household. LASI therefore, unlike the HRS, selects a member to represent the household, not just the couple, and allows the respondent to be someone who is not eligible for the LASI individual interview. To account for these differences, HHwANYHHR and HHwANYFINR are set as household-level variables in the Harmonized LASI, and the Harmonized LASI includes HHwOHHR and HHwOFINR, which indicate whether someone who did not complete an individual interview was designated as the housing or financial respondent, respectively.

Whether Proxy Interview

Wave	Variable	Label	Type
1	R1PROXY	rlproxy:w1 r whether proxy interview	Categ
1	S1PROXY	slproxy:w1 s whether proxy interview	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PROXY	73408	0.01	0.10	0.00	1.00
S1PROXY	50152	0.01	0.08	0.00	1.00

Categorical Variable Codes

Value-----	R1PROXY
0.not proxy	72693
1.proxy	715
Value-----	S1PROXY
.u:Unmar	16594
.v:SP NR	6662
0.not proxy	49863
1.proxy	289

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. If it is unknown whether or not the interview was conducted by a proxy, RwPROXY is set to special missing .m. RwPROXY is set to plain missing (.) for respondents who did not respond to the current wave.

SwPROXY indicates whether the respondent's 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 unmarried, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Core:	
RPROXY	Proxy Interview

Interview Date: Year and Month

Wave	Variable	Label	Type
1	R1IWY	rliwy:w1 r year of interview	Cont
1	S1IWY	sliwy:w1 s year of interview	Cont
1	R1IWM	rliwm:w1 r month of interview	Cont
1	S1IWM	sliwm:w1 s month of interview	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1IWY	73408	2017.61	0.73	2017.00	2021.00
S1IWY	50152	2017.61	0.73	2017.00	2021.00
R1IWM	73408	7.42	2.71	1.00	12.00
S1IWM	50152	7.44	2.69	1.00	12.00

How Constructed

RwIWY and RwIWM indicate the respondent's interview year and month, respectively. RwIWY and RwIWM are assigned plain missing (.) if the respondent did not participate in the current wave.

SwIWY and SwIWM indicate the current wave's spouse's interview year and month. They are taken from RwIWY and RwIWM. If the respondent is not designated as coupled in the current wave and unmarried, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Core:	
BEGINTIME	TIMESTAMP START
ENDTIME	TIMESTAMP END

Birth Date: Year and Month

Wave	Variable	Label	Type
1	RABYEAR	rabyear: r birth year	Cont
1	S1BYEAR	slbyear:w1 s birth year	Cont
1	RABMONTH	rabmonth: r birth month	Cont
1	S1BMONTH	slbmonth:w1 s birth month	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RABYEAR	73407	1959.68	11.74	1902.00	2000.00
S1BYEAR	50151	1961.65	10.72	1907.00	1998.00
RABMONTH	66241	4.76	3.34	1.00	12.00
S1BMONTH	45716	4.82	3.34	1.00	12.00

How Constructed

RABYEAR is the respondent’s cleaned birth year. There are three places in the LASI survey where birth timing or current age are given: 1) self-reported birth year, 2) self-reported current age, and 3) current age as reported in the household roster by the household informant. There are cases where these three reports do not agree with each other, and RABYEAR indicates the cleaned version of the respondent's birth year, which maintains agreement with the cleaned respondent's current age variable RwAGEY. To clean this variable, the level of agreement between all three reports was calculated. If the self-reported birth year agreed with at least one other report, then the self-reported birth year was used for RABYEAR. If the self-reported birth year did not agree with any other report and the self-reported current age and age as reported in the coverscreen were in agreement, then RABYEAR was calculated using the current age and the timing of the interview. If one or more of the three birth timing or current age reports were missing, preference was given to self-reported birth year, current age as reported in the household roster, and then self-reported current age.

RABMONTH is the respondent’s self-reported birth month. Don't know, refused, or other missing responses are assigned special missing .d, .r, or .m, respectively.

SwBYEAR and SwBMONTH indicate the current wave’s spouse’s cleaned birth year and self-reported birth month, respectively. They are taken from the spouse's values to RABYEAR and RABMONTH, respectively. If the respondent is not designated as coupled in the current wave and assumed to be single, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used. SwBYEAR and SwBMONTH are set to plain missing (.) if the respondent did not participate in the current interview.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike HRS, LASI does not have a tracker file. We used the reported information from the core survey to determine the best approximation of birth year and month.

LASI Variables Used

Wave 1 Core:	
BEGINTIME	TIMESTAMP START
DM004_MONTH	Birth month
DM004_YEAR	Birth year
ENDTIME	TIMESTAMP END

Age at Interview

Wave	Variable	Label	Type
1	R1AGEY	rlagey:w1 r age (years) at ivw	Cont
1	S1AGEY	slagey:w1 s age (years) at ivw	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1AGEY	73408	57.92	11.70	18.00	116.00
S1AGEY	50152	55.96	10.67	20.00	111.00

How Constructed

RwAGEY is the respondent’s cleaned current age in years at the time of the current wave’s interview. There are three places in the LASI survey where birth timing or current age are given: 1) self-reported birth year as recorded in RABYEARSR, 2) self-reported current age, and 3) current age as reported in the household roster by the household informant. There are cases where these three reports do not agree with each other and RwAGEY is the cleaned version of the respondent's current age in years that maintains agreement with the cleaned respondent's birth year variable RABYEAR. To clean this variable, the level of agreement between all three reports was calculated. If the self-reported birth year agreed with at least one other report, current age was calculated using the self-reported birth year and the timing of the interview. If self-reported birth year did not agree with any other report and self-reported current age and age as reported in the cover screen were in agreement, then current age was used for RwAGEY. If one or more of the three birth timing or current age reports were missing, preference was given to self-reported birth year, current age as reported in the household roster, and then self-reported current age.

SwAGEY is the current wave’s spouse’s self-reported age in years and cleaned age in years, and is taken from the spouse's value to RwAGEY. If the respondent is not designated as coupled in the current wave and assumed to be single, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, LASI respondents can report their age and/or their year of birth. Furthermore, the respondent's age is calculated at the beginning, end, and midpoint of the interview in the RAND HRS, while only a single age at interview is reported or calculated for the Harmonized LASI.

LASI Variables Used

Wave 1 Core:	
DM004_YEAR	Birth year
DM005	Age at last birthday

Gender			
Wave	Variable	Label	Type
1	RAGENDER	ragender: r gender	Categ
1	S1GENDER	slgender:w1 s gender	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RAGENDER	73408	1.58	0.49	1.00	2.00
S1GENDER	50152	1.50	0.50	1.00	2.00

Categorical Variable Codes

Value-----	RAGENDER
1.man	31143
2.woman	42265
Value-----	S1GENDER
.u:Unmar	16594
.v:SP NR	6662
1.man	25092
2.woman	25060

How Constructed

RAGENDER indicates the respondent’s gender. RAGENDER is coded as follows: 1.man, 2.woman, and 3.transgender. Please note that LASI interviewers are instructed to ask about gender if the person is not present or if the sex is not clear. Also note that transgender is not a specified option, but rather a voluntary response. Don't know, refused, or other missing responses to RAGENDER are assigned special missing .d, .r, or .m, respectively. RAGENDER is set to plain missing (.) if the respondent did not participate in any wave.

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

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike HRS, LASI does not have a tracker file. We used reported information from the core survey to assign the best approximation of the respondent’s gender.

LASI Variables Used

Wave 1 Core:	
DM003	Sex of Respondent

Education: Categorical Summaries

Wave	Variable	Label	Type
1	RAEDUC_L	raeduc_l: r highest level of education	Categ
1	S1EDUC_L	s1educ_l:w1 s highest level of education	Categ
1	RAEDUCL	raeduc_l: r harmonized education category	Categ
1	S1EDUCL	s1educ_l:w1 s harmonized education category	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RAEDUC_L	73408	1.69	2.10	0.00	9.00
S1EDUC_L	56493	1.92	2.17	0.00	9.00
RAEDUCL	73408	1.35	0.57	1.00	3.00
S1EDUCL	56493	1.40	0.60	1.00	3.00

Categorical Variable Codes

Value-----	RAEDUC_L
0:never attended school	33765
1.less than primary school(standard 1-4)	8191
2.primary school(standard 5-7)	9849
3.middle school(standard 8-9)	7346
4.secondary school(standard 10-11)	6801
5.higher secondary(standard 12)	3302
6.diploma and certificate	341
7.graduate degree(ba,bs)	2514
8.post-graduate degree(ma,ms,phd)	759
9.professional course/degree(mbbs,md,mba)	540
Value-----	S1EDUC_L
.m:Missing	453
.u:Unmar	16462
0:never attended school	22991
1.less than primary school(standard 1-4)	6254
2.primary school(standard 5-7)	8000
3.middle school(standard 8-9)	6427
4.secondary school(standard 10-11)	5997
5.higher secondary(standard 12)	3037
6.diploma and certificate	314
7.graduate degree(ba,bs)	2320
8.post-graduate degree(ma,ms,phd)	677
9.professional course/degree(mbbs,md,mba)	476
Value-----	RAEDUCL
1.less than lower secondary	51805
2.upper secondary & vocational training	17790
3.tertiary	3813
Value-----	S1EDUCL
.m:Missing	453
.u:Unmar	16462
1.less than lower secondary	37245
2.upper secondary & vocational training	15775
3.tertiary	3473

How Constructed

RAEDUC_L identifies the highest level of education that the respondent has attained. RAEDUC_L is defined using the following codes: 0.Never attended school, 1.Less than primary school (Standard 1-4), 2.Primary school completed (Standard 5-7), 3.Middle school completed (Standard 8-9), 4.Secondary school/matriculation completed, 5.Higher secondary/Intermediate/Senior secondary school completed, 6.Diploma and certificate holders, 7.Graduate degree (B.A., B.Sc., B.Com.) completed, 8.Post-graduate degree (M.A., M.Sc., M.Com.) or above (M.Phil, Ph.D., Post-Doc) completed, 9.Professional course/degree (B.Ed, BE, B.Tech, MBBS, BHMS, BAMS, B.Pharm, BCS, BCA, BBA, LLB, BVSc., B.Arch, M.Ed, ME, M.Tech, MD, M.Pharm, MCS, MCA, MBA, LLM, MVSc., M.Arch, MS, CA, CS, CWA) completed. Don't know, refused, or other missing responses are coded as special missing .d, .r, or .m, respectively.

RAEDUCL identifies the level of education completed according to a three-tier harmonized scale that we developed to compare education levels across countries. This harmonized education scale is a simplified version of the 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. Respondents are assigned a code of 1 if they completed no education, or reported "Less than primary school" or "Primary school completed" as their highest level of education. Respondents are assigned a code of 2 if they reported their highest education level as "Middle school completed", "Secondary school/matriculation completed", "Higher secondary/Intermediate/Senior secondary completed" or "Diploma and certificate holders". Respondents are assigned a code of 3 if they reported their highest education level as "Graduate degree completed", "Post-graduate degree or above completed", or "Professional course/degree completed". Don't know, refused, or other missing responses are coded as special missing .d, .r, or .m, respectively.

SwEDUC_L and SwEDUCL indicate the current wave's spouse's category of education and harmonized education category, respectively. These variables use the information provided by the spouse about themselves if the spouse was also a respondent but if the spouse was not a respondent they use information the respondent provided about the spouse if the spouse did not live in the household or information the head of the household provided in the coverscreen if the spouse lives in the household. If the respondent is not designated as coupled in the current wave and assumed to be single, then the special missing value .u is used. SwEDUC_L and SwEDUCL are set to plain missing (.) for respondents who did not participate in the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

To account for the high prevalence of lower education levels in India, RAEDUC_L includes additional lower education categories compared to RAEDUC in the RAND HRS. RAEDUCL is not available in the RAND HRS, but is available in the Harmonized HRS. The LASI specifically asked for the highest level of education, not including adult education. The HRS does not include any specific information about whether to include or not to include adult education.

LASI Variables Used

Wave 1 Core:

DM006	Ever attended school
DM008	Highest level of education
FS101_1	Spouse ever attended school
FS101_SPOUSE_NAMEHH_1	Spouses Household ID
FS102_1	Highest level of education of spouse

Wave 1 Coverscreen:

"CV008_1	
CV008_10	Whether attended school or not - 10th household
CV008_11	Whether attended school or not - 11th household
CV008_12	Whether attended school or not - 12th household
CV008_13	Whether attended school or not - 13th household

CV008_14	Whether attended school or not - 14th household
CV008_15	Whether attended school or not - 15th household
CV008_16	Whether attended school or not - 16th household
CV008_17	Whether attended school or not - 17th household
CV008_18	Whether attended school or not - 18th household
CV008_19	Whether attended school or not - 19th household
CV008_2	Whether attended school or not - 2nd household
CV008_20	Whether attended school or not - 20th household
CV008_21	Whether attended school or not - 21st household
CV008_22	Whether attended school or not - 22nd household
CV008_23	Whether attended school or not - 23rd household
CV008_24	Whether attended school or not - 24th household
CV008_25	Whether attended school or not - 25th household
CV008_26	Whether attended school or not - 26th household
CV008_27	Whether attended school or not - 27th household
CV008_28	Whether attended school or not - 28th household
CV008_29	Whether attended school or not - 29th household
CV008_3	Whether attended school or not - 3rd household
CV008_30	Whether attended school or not - 30th household
CV008_31	Whether attended school or not - 31st household
CV008_32	Whether attended school or not - 32nd household
CV008_33	Whether attended school or not - 33rd household
CV008_34	Whether attended school or not - 34th household
CV008_35	Whether attended school or not - 35th household
CV008_4	Whether attended school or not - 4th household
CV008_5	Whether attended school or not - 5th household
CV008_6	Whether attended school or not - 6th household
CV008_7	Whether attended school or not - 7th household
CV008_8	Whether attended school or not - 8th household
CV008_9	Whether attended school or not - 9th household
CV010_1	Highest level of education - 1st household memb
CV010_10	Highest level of education - 10th household mem
CV010_11	Highest level of education - 11th household mem
CV010_12	Highest level of education - 12th household mem
CV010_13	Highest level of education - 13th household mem
CV010_14	Highest level of education - 14th household mem
CV010_15	Highest level of education - 15th household mem
CV010_16	Highest level of education - 16th household mem
CV010_17	Highest level of education - 17th household mem
CV010_18	Highest level of education - 18th household mem
CV010_19	Highest level of education - 19th household mem
CV010_2	Highest level of education - 2nd household memb
CV010_20	Highest level of education - 20th household mem
CV010_21	Highest level of education - 21st household mem
CV010_22	Highest level of education - 22nd household mem
CV010_23	Highest level of education - 23rd household mem
CV010_24	Highest level of education - 24th household mem
CV010_25	Highest level of education - 25th household mem
CV010_26	Highest level of education - 26th household mem
CV010_27	Highest level of education - 27th household mem
CV010_28	Highest level of education - 28th household mem
CV010_29	Highest level of education - 29th household mem
CV010_3	Highest level of education - 3rd household memb
CV010_30	Highest level of education - 30th household mem
CV010_31	Highest level of education - 31st household mem
CV010_32	Highest level of education - 32nd household mem
CV010_33	Highest level of education - 33rd household mem
CV010_34	Highest level of education - 34th household mem
CV010_35	Highest level of education - 35th household mem
CV010_4	Highest level of education - 4th household memb
CV010_5	Highest level of education - 5th household memb
CV010_6	Highest level of education - 6th household memb
CV010_7	Highest level of education - 7th household memb

CV010_8	Highest level of education - 8th household memb
CV010_9	Highest level of education - 9th household memb

Education: Years of Education

Wave	Variable	Label	Type
1	RAEDYRS	raedyrs: r years of education	Cont
1	SLEDYRS	sledyrs:w1 s years of education	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RAEDYRS	73408	4.30	4.91	0.00	26.00
SLEDYRS	55716	4.87	5.03	0.00	26.00

How Constructed

RAEDYRS indicates the number of years of education that the respondent completed. RAEDYRS is firstly based on the respondent's report of their own education. If the respondent didn't provide a report of their own years of education, the years of education the household head reported during the coverscreen is used. Don't know, refused, or other missing responses of RAEDYRS are assigned special missing codes .d, .r, or .m respectively.

SwEDYRS indicates the current wave's spouse's number of years of education. It is taken from the spouse's values to RAEDYRS. This variable uses the information provided by the spouse about themselves if the spouse was also a respondent but if the spouse was not a respondent they use information the respondent provided about the spouse if the spouse did not live in the household or information the head of the household provided in the coverscreen if the spouse lives in the household. If the respondent is not designated as coupled in the current wave and assumed to be single, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married and no report was provided as part of coverscreen, then the special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Core:		
DM006	Ever attended school	
DM007	Years of schooling	
FS101_SPOUSE_NAMEHH_1_	Spouses Household ID	
Wave 1 Coverscreen:		
CV008_1	Whether attended school or not - 1st	household
CV008_10	Whether attended school or not - 10th	household
CV008_11	Whether attended school or not - 11th	household
CV008_12	Whether attended school or not - 12th	household
CV008_13	Whether attended school or not - 13th	household
CV008_14	Whether attended school or not - 14th	household
CV008_15	Whether attended school or not - 15th	household
CV008_16	Whether attended school or not - 16th	household
CV008_17	Whether attended school or not - 17th	household
CV008_18	Whether attended school or not - 18th	household
CV008_19	Whether attended school or not - 19th	household
CV008_2	Whether attended school or not - 2nd	household

CV008_20	Whether attended school or not - 20th household
CV008_21	Whether attended school or not - 21st household
CV008_22	Whether attended school or not - 22nd household
CV008_23	Whether attended school or not - 23rd household
CV008_24	Whether attended school or not - 24th household
CV008_25	Whether attended school or not - 25th household
CV008_26	Whether attended school or not - 26th household
CV008_27	Whether attended school or not - 27th household
CV008_28	Whether attended school or not - 28th household
CV008_29	Whether attended school or not - 29th household
CV008_3	Whether attended school or not - 3rd household
CV008_30	Whether attended school or not - 30th household
CV008_31	Whether attended school or not - 31st household
CV008_32	Whether attended school or not - 32nd household
CV008_33	Whether attended school or not - 33rd household
CV008_34	Whether attended school or not - 34th household
CV008_35	Whether attended school or not - 35th household
CV008_4	Whether attended school or not - 4th household
CV008_5	Whether attended school or not - 5th household
CV008_6	Whether attended school or not - 6th household
CV008_7	Whether attended school or not - 7th household
CV008_8	Whether attended school or not - 8th household
CV008_9	Whether attended school or not - 9th household
CV009_1	Years of education - 1st household member
CV009_10	Years of education - 10th household member
CV009_11	Years of education - 11th household member
CV009_12	Years of education - 12th household member
CV009_13	Years of education - 13th household member
CV009_14	Years of education - 14th household member
CV009_15	Years of education - 15th household member
CV009_16	Years of education - 16th household member
CV009_17	Years of education - 17th household member
CV009_18	Years of education - 18th household member
CV009_19	Years of education - 19th household member
CV009_2	Years of education - 2nd household member
CV009_20	Years of education - 20th household member
CV009_21	Years of education - 21st household member
CV009_22	Years of education - 22nd household member
CV009_23	Years of education - 23rd household member
CV009_24	Years of education - 24th household member
CV009_25	Years of education - 25th household member
CV009_26	Years of education - 26th household member
CV009_27	Years of education - 27th household member
CV009_28	Years of education - 28th household member
CV009_29	Years of education - 29th household member
CV009_3	Years of education - 3rd household member
CV009_30	Years of education - 30th household member
CV009_31	Years of education - 31st household member
CV009_32	Years of education - 32nd household member
CV009_33	Years of education - 33rd household member
CV009_34	Years of education - 34th household member
CV009_35	Years of education - 35th household member
CV009_4	Years of education - 4th household member
CV009_5	Years of education - 5th household member
CV009_6	Years of education - 6th household member
CV009_7	Years of education - 7th household member
CV009_8	Years of education - 8th household member
CV009_9	Years of education - 9th household member

Education: Literacy

Wave	Variable	Label	Type
1	RALITERATE	raliterate:w1 r literacy	Categ
1	S1LITERATE	slliterate:w1 s literacy	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RALITERATE	73395	0.53	0.50	0.00	1.00
S1LITERATE	50144	0.57	0.49	0.00	1.00

Categorical Variable Codes

Value-----	RALITERATE
.d:DK	7
.m:Missing	4
.r:Refuse	2
0.illiterate	34632
1.literate	38763
Value-----	S1LITERATE
.d:DK	4
.m:Missing	3
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.illiterate	21329
1.literate	28815

How Constructed

RALITERATE indicates whether respondents reported being able to read or write. A value of 1 is assigned to those who reported having reading or writing abilities, while a value of 0 is assigned to those who indicated that they could neither read nor write. Those who attended school for at least 6 years were not asked about their literacy; RALITERATE assumes that these individuals are literate and assigns them a value of 1. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively.

SwLITERATE indicates the current wave's spouse's literacy. It is taken from the spouse's values of RALITERATE. If the respondent is not designated as coupled in the current wave and assumed to be single, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

This variable is not included in the RAND HRS.

LASI Variables Used

Wave 1 Core:	
DM006	Ever attended school

DM007	Years of schooling
DM009	Can read & write?

Current Marital Status: With Partnership

Wave	Variable	Label	Type
1	R1MSTAT	rlmstat:w1 r marital status w/partners, filled	Categ
1	S1MSTAT	slmstat:w1 s marital status w/partners, filled	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MSTAT	73408	2.35	2.49	1.00	8.00
S1MSTAT	50152	1.02	0.19	1.00	3.00

Categorical Variable Codes

Value-----	R1MSTAT
1.married	56289
3.partnered	525
4.separated	456
5.divorced	541
7.widowed	14734
8.never married	863

Value-----	S1MSTAT
.u:Unmar	16594
.v:SP NR	6662
1.married	49706
3.partnered	446

How Constructed

RwMSTAT is created using reported marital status and implied partnership status. Partnership status is implied and assigned to respondents who report being currently unmarried but who are coupled with another respondent through LASI’s couple id.

RwMSTAT indicates a respondent’s marital status in the current wave taking into account implied partnership. A code of 1 indicates that the respondent is married. A code of 3 indicates that the respondent is partnered, either through self-reported or implied partnership. A code of 4 indicates that the respondent is separated. A code of 5 indicates that the respondent is divorced or deserted. A code of 7 indicates that the respondent is widowed. A code of 8 indicates that the respondent has never been married. Don’t know, refused, or other missing responses to RwMSTAT are assigned special missing values .d, .r or .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. If the respondent is not designated as coupled in the current wave and assumed to be single, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Core:	
DM021	Current Marital Status
HHID	Household ID
PRIM_KEY	Person ID

Current Marital Status: Without Partnership

Wave	Variable	Label	Type
1	R1MSTATH	rlmstath:w1 r marital status, self-reported	Categ
1	S1MSTATH	slmstath:w1 s marital status, self-reported	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MSTATH	73404	2.35	2.49	1.00	8.00
S1MSTATH	50149	1.02	0.26	1.00	8.00

Categorical Variable Codes

Value-----	R1MSTATH
.m:Missing	3
.r:Refuse	1
1.married	56289
3.partnered	450
4.separated	456
5.divorced	551
7.widowed	14788
8.never married	870

Value-----	S1MSTATH
.m:Missing	3
.u:Unmar	16594
.v:SP NR	6662
1.married	49706
3.partnered	392
5.divorced	8
7.widowed	37
8.never married	6

How Constructed

RwMSTATH is created using self-reported marital status. While RwMSTAT, described above, specifically recodes self-reported marital status with implied partnership, RwMSTATH is not recoded in any way from how the respondent self-reported his or her marital status. A code of 1 indicates that the respondent reported being married. A code of 2 indicates that the respondent reported being married but was temporarily not living with his/her spouse. A code of 3 indicates that the respondent reported being partnered or in a live-in relationship. A code of 4 indicates that the respondent reported being separated. A code of 5 indicates that the respondent reported being divorced or deserted. A code of 7 indicates that the respondent reported being widowed. A code of 8 indicates that the respondent reported that he/she had never been married. Don't know, refused, or other missing responses of RwMSTATH are assigned special missing codes .d, .r, or .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 value to RwMSTATH. If the respondent is not designated as coupled in the current wave and assumed to be single, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwMSTATH in the RAND HRS does not have a value of 3.partnered, which is included in RwMSTATH in the Harmonized LASI.

LASI Variables Used

Wave 1 Core:

DM021Current Marital Status

Current Marital Status: Never Married

Wave	Variable	Label	Type
1	R1MNEV	rlmnev:w1 r never married	Categ
1	S1MNEV	slmnev:w1 s never married	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MNEV	73404	0.01	0.11	0.00	1.00
S1MNEV	50149	0.00	0.01	0.00	1.00

Categorical Variable Codes

Value-----	R1MNEV
.m:Missing	3
.r:Refuse	1
0.no	72534
1.yes	870
Value-----	S1MNEV
.m:Missing	3
.u:Unmar	16594
.v:SP NR	6662
0.no	50143
1.yes	6

How Constructed

RwMNEV indicates whether the respondent reported ever being married by the time of the current wave. 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. Don't know, refused, or other missing responses to RwMNEV are set to special missing .d, .r, or .m, respectively. 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 values of RwMNEV. If the respondent is not designated as coupled in the current wave and assumed to be single, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Core:	
DM021	Current Marital Status

Current Marital Status: Number of Marriages

Wave	Variable	Label	Type
1	R1MRCT	rlmrct:w1 r # marriages	Cont
1	S1MRCT	slmrct:w1 s # marriages	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MRCT	72936	1.02	0.23	0.00	7.00
S1MRCT	49751	1.04	0.21	0.00	6.00

How Constructed

RwMRCT indicates the number of times the respondent reports having been married. Don’t know, refused, or other missing responses of RwMRCT are assigned special missing codes .d, .r, or .m, respectively. RwMRCT is set to plain missing (.) for respondents who did not respond to the current wave.

SwMRCT indicates the number of marriages the current wave’s spouse reports. 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, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Core:	
DM021	Current Marital Status
DM028_TOTALMARRIAGE	Total number of marriages

Current Marital Status: Length of Current Marriage

Wave	Variable	Label	Type
1	R1MCURLN	rlmcurln:w1 r length of current marriage	Cont
1	S1MCURLN	slmcurln:w1 s length of current marriage	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MCURLN	55408	35.06	11.53	0.00	88.00
S1MCURLN	48590	35.28	11.52	0.00	88.00

How Constructed

RwMCURLN records the length of the respondent’s current marriage. RwMCURLN is calculated by subtracting the reported year the current marriage began from the current wave's interview year. If the respondent indicates being divorced, widowed, or never married, then RwMCURLN is assigned special missing value .u. Don’t know, refused, or other missing responses of RwMCURLN are assigned special missing codes .d, .r, or .m, respectively. Responses to RwMCURLN which exceed the respondent's current age are assigned special missing code .i. RwMCURLN is set to plain missing (.) for respondents who did not respond to the current wave.

SwMCURLN records the length of the current wave’s spouse’s current marriage. It is taken from the spouse's value to RwMCURLN. If the respondent is not designated as coupled in the current wave and assumed to be single, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Core:	
BEGINTIME	TIMESTAMP START
DM029_YEAR	Year in which R got married
ENDTIME	TIMESTAMP END

Place of Birth		
Wave	Variable	Type
1	RABPLACE	Categ
1	S1BPLACE	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RABPLACE	73389	19.33	10.15	1.00	37.00
S1BPLACE	50142	19.20	10.08	1.00	37.00

Categorical Variable Codes

Value-----	RABPLACE
.d:DK	7
.m:Missing	7
.r:Refuse	5
1.Jammu & Kashmir	1606
2.Himachal Pradesh	1413
3.Punjab	2368
4.Chandigarh	176
5.Uttarakhand	1248
6.Haryana	1901
7.Delhi	519
8.Rajasthan	2435
9.Uttar Pradesh	5870
10.Bihar	4190
11.Sikkim	1101
12.Arunachal	1057
13.Nagaland	1267
14.Manipur	1421
15.Mizoram	1149
16.Tripura	965
17.Meghalaya	935
18.Assam	2489
19.West Bengal	3742
20.Jharkhand	2370
21.Odisha	2931
22.Chhatisgarh	1955
23.Madhya Pradesh	2882
24.Gujarat	2650
25.Daman & Diu	625
26.Dadra & Nagar Haveli	704
27.Maharashtra	3985
28.Andhra Pradesh	2847
29.Karnataka	2578
30.Goa	1172
31.Lakshadweep	1133
32.Kerala	2687
33.Tamil Nadu	3892
34.Puducherry	998
35.Andaman & Nicobar	836
36.Telangana	2374
37.Abroad	918

Value-----	S1BPLACE
.d:DK	4
.m:Missing	3
.r:Refuse	3
.u:Unmar	16594

.v:SP NR		6662
1.Jammu & Kashmir		1145
2.Himachal Pradesh		937
3.Punjab		1506
4.Chandigarh		112
5.Uttarakhand		820
6.Haryana		1235
7.Delhi		354
8.Rajasthan		1754
9.Uttar Pradesh		4082
10.Bihar		3020
11.Sikkim		814
12.Arunachal		785
13.Nagaland		929
14.Manipur		961
15.Mizoram		797
16.Tripura		692
17.Meghalaya		557
18.Assam		1639
19.West Bengal		2544
20.Jharkhand		1705
21.Odisha		2153
22.Chhatisgarh		1405
23.Madhya Pradesh		2065
24.Gujarat		1665
25.Daman & Diu		365
26.Dadra & Nagar Haveli		456
27.Maharashtra		2697
28.Andhra Pradesh		2024
29.Karnataka		1631
30.Goa		743
31.Lakshadweep		716
32.Kerala		1768
33.Tamil Nadu		2625
34.Puducherry		674
35.Andaman & Nicobar		626
36.Telangana		1621
37.Abroad		520

How Constructed

RABPLACE indicates the respondent’s place of birth. The corresponding India state codes are based on census data. A value of 37 is assigned if the respondent was born in a country other than India. Don’t know, refused, or other missing responses to RABPLACE are assigned special missing codes .d, .r, or .m, respectively.

SwBPLACE indicates the place of birth of the current wave’s spouse. It is taken from the spouse's value to RABPLACE. If the respondent is not designated as coupled in the current wave and assumed to be single, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used. SwBPLACE is set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RABPLACE in H_LASI has different answer categories than RABPLACE in the RAND HRS.

LASI Variables Used

Wave 1 Core:		
DM016		Since how many years living continuously in this
DM017_COUNTRY		Place of birth-country
DM017_STATE		Place of birth-state

STATEID

State ID

Country of Birth

Wave	Variable	Label	Type
1	RABCOUNTRY	rabcountry: r born in country of interview	Categ
1	S1BCOUNTRY	slbcountry:w1 s born in country of interview	Categ
1	RABCOUNTRY_L	rabcountry_l: r country of birth	Categ
1	S1BCOUNTRY_L	slbcountry_l:w1 s country of birth	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RABCOUNTRY	73393	0.99	0.11	0.00	1.00
S1BCOUNTRY	50144	0.99	0.10	0.00	1.00
RABCOUNTRY_L	73393	77.60	6.80	1.00	186.00
S1BCOUNTRY_L	50144	77.65	6.19	1.00	186.00

Categorical Variable Codes

Value-----	RABCOUNTRY
.d:DK	3
.m:Missing	7
.r:Refuse	5
0.out of country	918
1.in country	72475

Value-----	S1BCOUNTRY
.d:DK	2
.m:Missing	3
.r:Refuse	3
.u:Unmar	16594
.v:SP NR	6662
0.out of country	520
1.in country	49624

Value-----	RABCOUNTRY_L
.d:DK	3
.m:Missing	7
.r:Refuse	5
1.Afghanistan	9
4.Andorra	1
12.Bahamas	3
13.Bahrain	6
14.Bangladesh	605
17.Belgium	1
20.Bhutan	4
21.Bolivia	1
28.Burma/Myanmar	25
29.Burundi	1
32.Canada	1
35.Chad	1
37.China	5
40.Congo	1
41.Congo	1
44.Croatia	1
49.Djibouti	1
50.Dominica	1

67.Ghana		1
73.Guyana		1
74.Haiti		1
76.Hungary		1
78.India		72475
79.Indonesia		1
80.Iran		1
87.Jordan		1
89.Kenya		2
107.Malaysia		4
108.Maldives		1
109.Mali		2
118.Mongolia		1
121.Mozambique		2
124.Nepal		62
129.Nigeria		1
132.Pakistan		141
133.Palau		2
134.Panama		1
136.Paraguay		1
137.Peru		1
140.Portugal		2
141.Qatar (Doha) (AS)		2
144.Rwanda		1
156.Singapore		2
161.South Africa		2
164.Sri Lanka		7
165.Sudan		1
170.Syria		1
172.Tanzania		2
186.Uruguay		2

Value-----		S1BCOUNTRY_L
.d:DK		2
.m:Missing		3
.r:Refuse		3
.u:Unmar		16594
.v:SP NR		6662
1.Afghanistan		4
4.Andorra		1
12.Bahamas		3
13.Bahrain		4
14.Bangladesh		347
20.Bhutan		3
21.Bolivia		1
28.Burma/Myanmar		14
29.Burundi		1
32.Canada		1
37.China		3
40.Congo		1
41.Congo		1
44.Croatia		1
49.Djibouti		1
50.Dominica		1
67.Ghana		1
73.Guyana		1
74.Haiti		1
76.Hungary		1
78.India		49624
79.Indonesia		1
80.Iran		1
87.Jordan		1
107.Malaysia		2
108.Maldives		1
109.Mali		1
124.Nepal		39
129.Nigeria		1
132.Pakistan		64
133.Palau		1
134.Panama		1
136.Paraguay		1

137.Peru		1
140.Portugal		2
141.Qatar (Doha) (AS)		2
144.Rwanda		1
156.Singapore		1
164.Sri Lanka		4
165.Sudan		1
172.Tanzania		2
186.Uruguay		1

How Constructed

RABCOUNTRY indicates whether the respondent was born in the country of interview. RABCOUNTRY is coded as 0 if the respondent was born in a country other than India, and is coded as 1 if the respondent was born in India. Don't know, refused, or other missing responses to RABCOUNTRY are assigned special missing codes .d, .r, or .m, respectively.

SwBCOUNTRY indicates whether the respondent's current wave's spouse was born in the country of interview. It is taken from the spouse's value to RABCOUNTRY. If the respondent is not designated as coupled in the current wave and assumed to be single, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used. SwBCOUNTRY is set to plain missing (.) for respondents who did not respond to the current wave.

RABCOUNTRY_L indicates the respondent's country of birth. Don't know, refused, or other missing responses to RABCOUNTRY_L are assigned special missing codes .d, .r, or .m, respectively.

SwBCOUNTRY_L indicates the country of birth of the respondent's current wave's spouse. It is taken from the spouse's value to RABCOUNTRY_L. If the respondent is not designated as coupled in the current wave and assumed to be single, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used. SwBCOUNTRY is set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS does not elicit information about the country of birth, so RABCOUNTRY_L is unique to the Harmonized LASI.

LASI Variables Used

Wave 1 Core:		
DM016		Since how many years living continuously in this
DM017_COUNTRY		Place of birth-country

Live in Urban or Rural Area

Wave	Variable	Label	Type
1	HH1RURAL	hh1rural:w1 lives in rural or urban area	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1RURAL	73408	0.65	0.48	0.00	1.00

Categorical Variable Codes

Value-----	HH1RURAL
0.urban community	25991
1.rural village	47417

How Constructed

HHwRURAL indicates the respondent's living region. This variable is based on census data information. A code of 0 indicates that the respondent is located in an urban region, and a code of 1 indicates that the respondent is located in a rural region. Don't know, refused, or other missing responses to HHwRURAL are assigned special missing codes .d, .r, or .m, respectively. HHwRURAL is set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HHwRURAL is not available in the RAND HRS.

LASI Variables Used

Wave 1 Core:	
RESIDENCE	IIPS place of residence

State in India

Wave	Variable	Label	Type
1	HH1STATE	hh1state:w1 interview state	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1STATE	73408	19.24	10.10	1.00	36.00

Categorical Variable Codes

Value-----	HH1STATE
1.Jammu & Kashmir	1613
2.Himachal Pradesh	1388
3.Punjab	2124
4.Chandigarh	1026
5.Uttarakhand	1358
6.Haryana	1898
7.Delhi	1319
8.Rajasthan	2244
9.Uttar Pradesh	4567
10.Bihar	3521
11.Sikkim	1146
12.Arunachal	1215
13.Nagaland	1316
14.Manipur	1369
15.Mizoram	1246
16.Tripura	1195
17.Meghalaya	969
18.Assam	2367
19.West Bengal	3934
20.Jharkhand	2464
21.Odisha	2917
22.Chhatisgarh	2055
23.Madhya Pradesh	2914
24.Gujarat	2344
25.Daman & Diu	991
26.Dadra & Nagar Haveli	1090
27.Maharashtra	3978
28.Andhra Pradesh	2679
29.Karnataka	2420
30.Goa	1427
31.Lakshadweep	1139
32.Kerala	2498
33.Tamil Nadu	3530
34.Puducherry	1428
35.Andaman & Nicobar	1244
36.Telangana	2475

How Constructed

HHwSTATE indicates the Indian state in which the interview took place, presumably where the respondent lives. The corresponding codes of India's states are based on census data. Don't know, refused, or other missing responses to HHwSTATE are assigned special missing codes .d, .r, or .m, respectively. HHwSTATE is set to plain missing (.) if the respondent did not participate in the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

This variable is not available in the RAND HRS, as it pertains only to India.

LASI Variables Used

Wave 1 Core:

STATEIDState ID

Caste in India

Wave	Variable	Label	Type
1	R1CASTE	rlcaste: r caste system	Categ
1	S1CASTE	slcaste:w1 s caste system	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1CASTE	72830	2.76	1.03	1.00	4.00
S1CASTE	49783	2.77	1.02	1.00	4.00

Categorical Variable Codes

Value-----	R1CASTE
.d:DK	566
.m:Missing	6
.r:Refuse	6
1.scheduled caste	12050
2.scheduled tribe	13049
3.other backward class(obc)	27829
4.no caste or other caste	19902

Value-----	S1CASTE
.d:DK	363
.m:Missing	3
.r:Refuse	3
.u:Unmar	16594
.v:SP NR	6662
1.scheduled caste	8057
2.scheduled tribe	8964
3.other backward class(obc)	19323
4.no caste or other caste	13439

How Constructed

RwCASTE provides the respondent's reported caste information. A code of 1 is assigned if the respondent is in a scheduled caste. A code of 2 is assigned if the respondent is in a scheduled tribe. A code of 3 is assigned if the respondent is in an other backward class. A code of 4 is assigned if the respondent reports not belonging to any caste or tribe or other. Don't know, refused, or other missing responses to RwCASTE are assigned special missing .d, .r, or .m, respectively.

SwCASTE provides the current wave's spouse's reported caste information. SwCASTE is taken directly from the spouse's RwCASTE. In addition to the special missing codes used in RwCASTE, SwCASTE 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, then the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

This variable is not asked in the HRS, as it pertains only to India.

LASI Variables Used

Wave 1 Core:

DM012	Caste
DM013	Caste Category
DM013_OTHER	Caste - other

Religion		
Wave	Variable	Label
		Type
1	R1RELIG_L	rlrelig_l:w1 r religion
		Categ
1	S1RELIG_L	slrelig_l:w1 s religion
		Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RELIG_L	73402	2.52	1.10	1.00	10.00
S1RELIG_L	50150	2.51	1.09	1.00	10.00

Categorical Variable Codes

Value-----	R1RELIG_L
.d:DK	1
.m:Missing	3
.r:Refuse	2
1.none	145
2.hindu	53657
3.muslim	8672
4.christan	7328
5.sikh	1999
6.buddhist/neo-buddhist	883
7.jain	176
8.jewish	5
9.parsi/zoroastrian	8
10.other	529

Value-----	S1RELIG_L
.m:Missing	2
.u:Unmar	16594
.v:SP NR	6662
1.none	97
2.hindu	36740
3.muslim	5897
4.christan	4997
5.sikh	1308
6.buddhist/neo-buddhist	626
7.jain	138
8.jewish	3
9.parsi/zoroastrian	5
10.other	339

How Constructed

RwRELIG_L indicates the respondent's reported religion. Responses to RwRELIG_L are coded as follows: 1.None, 2.Hindu, 3.Muslim, 4.Christan, 5.Sikh, 6.Buddhist/Neo-Buddhist, 7.Jain, 8.Jewish, 9.Parsi/Zoroastrian, and 10.Other. Don't know, refused, or other missing responses for RwRELIG_L are set to .d, .r, or .m, respectively. RwRELIG_L is set to plain missing (.) if the respondent did not participate in the current wave.

SwRELIG_L indicates the current wave's spouse's religion and is taken directly from the spouse's value of RwRELIG_L. In addition to the special missing codes used in RwRELIG_L, SwRELIG_L 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, special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then the special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

LASI provides different categories of religion than the RAND HRS. Additionally, the RAND HRS assigns the first non-missing religion value to RARELIG, while the LASI variable RwRELIG_L is separately coded for each wave.

LASI Variables Used

Wave 1 Core:

DM010Religion

Interview Language

Wave	Variable	Label	Type
1	R1LANG_L	r1lang_l:w1 r language of interview	Categ
1	S1LANG_L	s1lang_l:w1 s language of interview	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LANG_L	73408	7.21	6.40	1.00	19.00
S1LANG_L	50152	7.17	6.44	1.00	19.00

Categorical Variable Codes

Value-----	R1LANG_L
1.English	7406
2.Hindi	24721
3.Kannada	2435
4.Konkani	1131
5.Malayalam	3781
6.Gujarati	4219
7.Tamil	4718
8.Punjabi	2810
9.Manipuri	101
10.Mizo	1239
11.Urdu	1084
13.Garo	7
14.Khasi	268
15.Bengali	5427
16.Assamese	2367
17.Odiya	2790
18.Marathi	3796
19.Telugu	5108

Value-----	S1LANG_L
.u:Unmar	16594
.v:SP NR	6662
1.English	5243
2.Hindi	17424
3.Kannada	1540
4.Konkani	695
5.Malayalam	2450
6.Gujarati	2629
7.Tamil	3219
8.Punjabi	1786
9.Manipuri	53
10.Mizo	864
11.Urdu	761
13.Garo	4
14.Khasi	145
15.Bengali	3655
16.Assamese	1536
17.Odiya	2046
18.Marathi	2534
19.Telugu	3568

How Constructed

RwLANG_L indicates the language that the respondent used for the interview. RwLANG_L is coded as follows: 1.English, 2.Hindi, 3.Kannada, 4.Konkani, 5.Malayalam, 6.Gujarati, 7.Tamil, 8.Punjabi, 9.Manipuri,

10.Mizo, 11.Urdu, 12.Nepali, 13.Garo, 14.Khasi, 15.Bengali, 16.Assamese, 17.Odiya, 18.Marathi, and 19.Telugu. Don't know, refused, or other missing responses of RwLANG_L are set to .d, .r, or .m, respectively. RwLANG_L is set to plain missing (.) if the respondent did not participate in the current wave.

SwLANG_L indicates the language that the current wave's spouse used for the interview. SwLANG_L is taken directly from the spouse's values of RwLANG_L. In addition to the special missing codes used in RwLANG_L, SwLANG_L 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, special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, special missing value .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The RAND HRS does not provide a variable for the language in which the interview was conducted, but a similar variable with different answer categories is available in the Harmonized HRS.

LASI Variables Used

Wave 1 Core:

LANGUAGE

Interview language

Section B: Health

Self-Report of Health			
Wave	Variable	Label	Type
1	R1SHLT	r1shlt:w1 r self-report of health	Categ
1	S1SHLT	s1shlt:w1 s self-report of health	Categ
1	R1SHLTA	r1shlta:w1 r self-report of health alt	Categ
1	S1SHLTA	s1shlta:w1 s self-report of health alt	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SHLT	72453	3.18	0.99	1.00	5.00
S1SHLT	49751	3.12	0.99	1.00	5.00
R1SHLTA	72449	2.69	0.84	1.00	5.00
S1SHLTA	49746	2.64	0.83	1.00	5.00

Categorical Variable Codes

Value-----	R1SHLT
.d:DK	2
.m:Missing	951
.r:Refuse	2
1.Excellent	3035
2.Very good	14503
3.Good	28528
4.Fair	19437
5.Poor	6950
Value-----	S1SHLT
.d:DK	2
.m:Missing	399
.u:Unmar	16594
.v:SP NR	6662
1.Excellent	2234
2.Very good	10733
3.Good	19987
4.Fair	12624
5.Poor	4173
Value-----	R1SHLTA
.d:DK	7
.m:Missing	951
.r:Refuse	1
1.Very good	3744
2.Good	27600
3.Fair	29496
4.Poor	10330
5.Very Poor	1279
Value-----	S1SHLTA
.d:DK	3
.m:Missing	403
.u:Unmar	16594
.v:SP NR	6662
1.Very good	2847
2.Good	20047

3.Fair		19854
4.Poor		6263
5.Very Poor		735

How Constructed

LASI asks all respondents to self-report their current health condition using two scales. One scale ranges from 1 for Excellent to 5 for Poor and the other scale ranges from 1 for Very Good to 5 for Very Poor. LASI randomly chose half the sample to answer the Excellent to Poor scale at the beginning of the Health module and the Very Good to Very Poor scale at the end of the Health module. The other randomly selected half of the sample received the scales in the opposite order. This way each individual answered each of the two scales.

RwSHLT indicates the respondent's self-reported general health status using the scale ranging from 1 for Excellent to 5 for Poor. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwSHLT is set to plain missing (.) for respondents who did not participate in the current wave.

SwSHLT indicates the respondent's current wave's spouse's self-reported general health status, and its values are taken from RwSHLT. In addition to the special missing codes employed by RwSHLT, SwSHLT employs two additional special missing codes. 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.

RwSHLTA indicates the respondent's self-reported general health status using the alternative scale ranging from 1 for Very Good to 5 for Very Poor. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwSHLTA is set to plain missing (.) for respondents who did not participate in the current wave.

SwSHLTA indicates the respondent's current wave's spouse's self-reported general health status using the alternative scale, and its values are taken from RwSHLTA. In addition to the special missing codes employed by RwSHLTA, SwSHLTA employs two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, LASI also employs an alternative 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 Poor.

LASI Variables Used

Wave 1 Core:		
HT001_A		Self rated health (SRH)_a
HT001_B		Self rated health (SRH)_b

Whether Health Limits Work

Wave	Variable	Label	Type
1	R1HLTHLM	r1hlthlm:w1 r health problems limit work	Categ
1	S1HLTHLM	s1hlthlm:w1 s health problems limit work	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HLTHLM	34272	0.16	0.37	0.00	1.00
S1HLTHLM	26321	0.16	0.36	0.00	1.00

Categorical Variable Codes

Value-----	R1HLTHLM
.d:DK	10
.m:Missing	228
.o:Too old to work	993
.r:Refuse	3
.w:Not working	37902
0.No	28843
1.Yes	5429

Value-----	S1HLTHLM
.d:DK	8
.m:Missing	134
.o:Too old to work	648
.r:Refuse	2
.u:Unmar	16594
.v:SP NR	6662
.w:Not working	23039
0.No	22229
1.Yes	4092

How Constructed

RwHLTHLM indicates whether an impairment or health problem limits the respondent's kind or amount of paid work. 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. RwHLTHLM is set to special missing .w if the respondent was not asked whether health issues limit their work because the respondent is not currently working, has never worked, or is unemployed, disabled, a homemaker, or isn't working for another reason. RwHLTHLM is set to special missing .o if the respondent voluntarily states that they are too old to work when asked whether health issues limit their work. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwHLTHLM is set to plain missing (.) for respondents who did not participate in the current wave.

SwHLTHLM indicates whether an impairment or health problem limits the respondent's current wave's spouse's kind or amount of paid work, and its values are taken from RwHLTHLM. In addition to the special missing codes employed by RwHLTHLM, SwHLTHLM employs two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS survey did not allow respondents to voluntarily state that they are too old to work when asked whether health issues limit their work

LASI Variables Used

Wave 1 Core:

HT300	Impairment or health problem that limits kind or
WE004	Currently working
WE005	Reason to stop working

Activities of Daily Living (ADLs): Some Difficulty

Wave	Variable	Label	Type
1	R1WALKRA	rlwalkra:w1 r some diff-Walking across room	Categ
1	S1WALKRA	slwalkra:w1 s some diff-Walking across room	Categ
1	R1DRESSA	rldressa:w1 r some diff-Dressing	Categ
1	S1DRESSA	sldressa:w1 s some diff-Dressing	Categ
1	R1BATHA	rlbatha:w1 r some diff-Bathing, shower	Categ
1	S1BATHA	slbatha:w1 s some diff-Bathing, shower	Categ
1	R1EATA	rleata:w1 r some diff-Eating	Categ
1	S1EATA	sleata:w1 s some diff-Eating	Categ
1	R1BEDA	rlbeda:w1 r some diff-Getting in/out bed	Categ
1	S1BEDA	slbeda:w1 s some diff-Getting in/out bed	Categ
1	R1TOILTA	rltoilta:w1 r some diff-Using the toilet	Categ
1	S1TOILTA	sltoilta:w1 s some diff-Using the toilet	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WALKRA	73091	0.04	0.20	0.00	1.00
S1WALKRA	50003	0.03	0.17	0.00	1.00
R1DRESSA	73091	0.04	0.20	0.00	1.00
S1DRESSA	50003	0.03	0.18	0.00	1.00
R1BATHA	73091	0.04	0.20	0.00	1.00
S1BATHA	50003	0.03	0.17	0.00	1.00
R1EATA	73091	0.04	0.20	0.00	1.00
S1EATA	50003	0.03	0.17	0.00	1.00
R1BEDA	73091	0.07	0.25	0.00	1.00
S1BEDA	50003	0.05	0.22	0.00	1.00
R1TOILTA	73091	0.10	0.30	0.00	1.00
S1TOILTA	50003	0.08	0.27	0.00	1.00

Categorical Variable Codes

Value-----	R1WALKRA
.m:Missing	317

0.No		70153
1.Yes		2938
Value-----		S1WALKRA
.m:Missing		149
.u:Unmar		16594
.v:SP NR		6662
0.No		48521
1.Yes		1482
Value-----		R1DRESSA
.m:Missing		317
0.No		70036
1.Yes		3055
Value-----		S1DRESSA
.m:Missing		149
.u:Unmar		16594
.v:SP NR		6662
0.No		48385
1.Yes		1618
Value-----		R1BATHA
.m:Missing		317
0.No		70133
1.Yes		2958
Value-----		S1BATHA
.m:Missing		149
.u:Unmar		16594
.v:SP NR		6662
0.No		48545
1.Yes		1458
Value-----		R1EATA
.m:Missing		317
0.No		69986
1.Yes		3105
Value-----		S1EATA
.m:Missing		149
.u:Unmar		16594
.v:SP NR		6662
0.No		48449
1.Yes		1554
Value-----		R1BEDA
.m:Missing		317
0.No		68300
1.Yes		4791
Value-----		S1BEDA
.m:Missing		149
.u:Unmar		16594
.v:SP NR		6662
0.No		47412
1.Yes		2591
Value-----		R1TOILTA
.m:Missing		317
0.No		66047
1.Yes		7044
Value-----		S1TOILTA
.m:Missing		149
.u:Unmar		16594
.v:SP NR		6662
0.No		46089
1.Yes		3914

How Constructed

These variables indicate whether the respondent has any difficulty with activities of daily living (ADL). The ADLs include walking across a room (RwWALKRA), dressing, including putting on chappals and shoes (RwDRESSA), bathing (RwBATHA), eating, chewing, breaking chapatti or mixing rice (RwEATA), getting in or out of bed (RwBEDA), and using the toilet, including getting up and down (RwTOILTA). Respondents are asked to exclude any difficulties they expect to last less than three months. 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, or .m respectively. 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 current wave's spouse reported any difficulty with ADLs, and their values are taken directly from the 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.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized 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 their 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.

Additionally, ADL questions in the HRS may be skipped depending on the respondent's answers to previous difficulty questions, though it varies across waves, whereas the LASI asks ADL questions to all respondents.

Unlike the LASI, respondents in the HRS have the option of responding "Can't do" or "Don't do" in certain waves.

LASI Variables Used

Wave 1 Core:

HT401	Difficulty with dressing, including putting on c
HT402	Difficulty with walking across a room
HT403	Difficulty with bathing
HT404	Difficulty with eating
HT405	Difficulty with getting in or out of bed
HT406	Difficulty with using the toilet, including gett

Instrumental Activities of Daily Living (IADLs): Some Difficulty

Wave	Variable	Label	Type
1	R1PHONEA	rlphonea:w1 r some diff-Using telephone	Categ
1	S1PHONEA	slphonea:w1 s some diff-Using telephone	Categ
1	R1MEDSA	rlmedsa:w1 r some diff-Taking medications	Categ
1	S1MEDSA	slmedsa:w1 s some diff-Taking medications	Categ
1	R1MONEYA	rlmoneya:w1 r some diff-Managing money	Categ
1	S1MONEYA	slmoneya:w1 s some diff-Managing money	Categ
1	R1SHOPA	rlshopa:w1 r some diff-Shopping for groceries	Categ
1	S1SHOPA	slshopa:w1 s some diff-Shopping for groceries	Categ
1	R1MEALSA	rlmealsa:w1 r some diff-Preparing hot meal	Categ
1	S1MEALSA	slmealsa:w1 s some diff-Preparing hot meal	Categ
1	R1GETA	rlgeta:w1 r some diff-Getting around	Categ
1	S1GETA	slgeta:w1 s some diff-Getting around	Categ
1	R1HOUSEWKA	rlhousewka:w1 r some diff-Doing work around house or garden	Categ
1	S1HOUSEWKA	slhousewka:w1 s some diff-Doing work around house or garden	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PHONEA	73033	0.17	0.38	0.00	1.00
S1PHONEA	49971	0.14	0.35	0.00	1.00
R1MEDSA	73091	0.09	0.28	0.00	1.00
S1MEDSA	50003	0.07	0.25	0.00	1.00
R1MONEYA	73091	0.15	0.36	0.00	1.00
S1MONEYA	50003	0.12	0.32	0.00	1.00
R1SHOPA	73086	0.13	0.33	0.00	1.00
S1SHOPA	50002	0.09	0.29	0.00	1.00
R1MEALSA	73091	0.09	0.29	0.00	1.00
S1MEALSA	50003	0.07	0.26	0.00	1.00
R1GETA	73091	0.17	0.38	0.00	1.00
S1GETA	50003	0.14	0.34	0.00	1.00
R1HOUSEWKA	73091	0.14	0.35	0.00	1.00

S1HOUSEWKA 50003 0.11 0.31 0.00 1.00

Categorical Variable Codes

Value-----	R1PHONEA
.d:DK	58
.m:Missing	317
0.No	60303
1.Yes	12730

Value-----	S1PHONEA
.d:DK	32
.m:Missing	149
.u:Unmar	16594
.v:SP NR	6662
0.No	43017
1.Yes	6954

Value-----	R1MEDSA
.m:Missing	317
0.No	66751
1.Yes	6340

Value-----	S1MEDSA
.m:Missing	149
.u:Unmar	16594
.v:SP NR	6662
0.No	46698
1.Yes	3305

Value-----	R1MONEYA
.m:Missing	317
0.No	61969
1.Yes	11122

Value-----	S1MONEYA
.m:Missing	149
.u:Unmar	16594
.v:SP NR	6662
0.No	44209
1.Yes	5794

Value-----	R1SHOPA
.d:DK	4
.m:Missing	317
.r:Refuse	1
0.No	63809
1.Yes	9277

Value-----	S1SHOPA
.d:DK	1
.m:Missing	149
.u:Unmar	16594
.v:SP NR	6662
0.No	45253
1.Yes	4749

Value-----	R1MEALSA
.m:Missing	317
0.No	66169
1.Yes	6922

Value-----	S1MEALSA
.m:Missing	149
.u:Unmar	16594
.v:SP NR	6662
0.No	46428
1.Yes	3575

Value-----	RIGETA
.m:Missing	317
0.No	60326
1.Yes	12765

Value-----	SIGETA
.m:Missing	149
.u:Unmar	16594
.v:SP NR	6662
0.No	43228
1.Yes	6775

Value-----	RHOUSEWKA
.m:Missing	317
0.No	62849
1.Yes	10242

Value-----	SHOUSEWKA
.m:Missing	149
.u:Unmar	16594
.v:SP NR	6662
0.No	44644
1.Yes	5359

How Constructed

These variables indicate whether the respondent reports any difficulty with instrumental activities of daily living (IADLs). The IADLs include making telephone calls (RwPHONEA), taking medications (RwMEDSA), managing money, such as paying bills and keeping track of expenses (RwMONEYA), shopping for groceries (RwSHOPA), preparing a hot meal (cooking and serving) (RwMEALSA), getting around or finding an address in an unfamiliar place (RwGETA), 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, RwGETA, and RwHOUSEWKA are assigned special missing values .d, .r, or .m respectively. RwPHONEA, RwMEDSA, RwMONEYA, RwSHOPA, RwMEALSA, RwGETA, and RwHOUSEWKA are set to plain missing (.) for respondents who did not respond to this wave.

SwPHONEA, SwMEDSA, SwMONEYA, SwSHOPA, SwMEALSA, SwGETA, and SwHOUSEWKA indicate whether the respondent's current wave's spouse reported any difficulty with IADLs, and their values are taken directly from the spouse's RwPHONEA, RwMEDSA, RwMONEYA, RwSHOPA, RwMEALSA, RwGETA, and RwHOUSEWKA, respectively. In addition to the special missing codes used in RwPHONEA, RwMEDSA, RwMONEYA, RwSHOPA, RwMEALSA, RwGETA, and SwHOUSEWKA, SwPHONEA, SwMEDSA, SwMONEYA, SwSHOPA, SwMEALSA, SwGETA, 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.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the LASI, respondents in the HRS have the option of responding "Can't do" or "Don't do" in certain waves.

LASI specifies whether the respondent has difficulty with preparing a hot meal (cooking and serving), while the HRS specifies whether the respondent has difficulty with preparing a hot meal.

The LASI asks about difficulty with getting around or finding an address in an unfamiliar place and doing work around the house or garden, presented in RwGETA and RwHOUSEWKA in the Harmonized LASI, which are not asked in the HRS.

LASI Variables Used

Wave 1 Core:

HT407	Difficulty with preparing a hot meal
HT408	Difficulty with shopping for groceries
HT409	Difficulty with making telephone calls
HT410	Difficulty with taking medications
HT411	Difficulty with doing work around the house or g
HT412	Difficulty with managing money, such as paying b
HT413	Difficulty with getting around or finding addres

Other Functional Limitations: Some Difficulty
--

Wave	Variable	Label	Type
1	R1WALK100A	rlwalk100a:w1 r some diff-Walk 100y	Categ
1	S1WALK100A	slwalk100a:w1 s some diff-Walk 100y	Categ
1	R1SITA	rlsita:w1 r some diff-Sit for 2 hours	Categ
1	S1SITA	slsita:w1 s some diff-Sit for 2 hours	Categ
1	R1CHAIRA	rlchaira:w1 r some diff-Get up fr chair	Categ
1	S1CHAIRA	slchaira:w1 s some diff-Get up fr chair	Categ
1	R1CLIM1A	rlclim1a:w1 r some diff-Clmb 1 flt str	Categ
1	S1CLIM1A	slclim1a:w1 s some diff-Clmb 1 flt str	Categ
1	R1STOOPA	rlstoopa:w1 r some diff-Stoop/kneel/crch	Categ
1	S1STOOPA	slstoopa:w1 s some diff-Stoop/kneel/crch	Categ
1	R1LIFTA	rllifta:w1 r diff-Lift/carry 5 kilos	Categ
1	S1LIFTA	sllifta:w1 s diff-Lift/carry 5 kilos	Categ
1	R1DIMEA	rldimea:w1 r diff-Pick up a coin	Categ
1	S1DIMEA	sldimea:w1 s diff-Pick up a coin	Categ
1	R1ARMSA	rlarmsa:w1 r some diff-Rch/xtnd arms up	Categ
1	S1ARMSA	slarmsa:w1 s some diff-Rch/xtnd arms up	Categ
1	R1PUSHA	rlpusha:w1 r some diff-Push/pull lg obj	Categ
1	S1PUSHA	slpusha:w1 s some diff-Push/pull lg obj	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WALK100A	73096	0.21	0.41	0.00	1.00
S1WALK100A	50003	0.18	0.38	0.00	1.00
R1SITA	73097	0.28	0.45	0.00	1.00
S1SITA	50004	0.25	0.43	0.00	1.00
R1CHAIRA	73097	0.31	0.46	0.00	1.00
S1CHAIRA	50004	0.27	0.44	0.00	1.00
R1CLIM1A	73097	0.40	0.49	0.00	1.00
S1CLIM1A	50004	0.35	0.48	0.00	1.00
R1STOOPA	73097	0.42	0.49	0.00	1.00

S1STOOPA	50004	0.38	0.49	0.00	1.00
R1LIFTA	73096	0.24	0.43	0.00	1.00
S1LIFTA	50003	0.20	0.40	0.00	1.00
R1DIMEA	73096	0.06	0.23	0.00	1.00
S1DIMEA	50004	0.04	0.20	0.00	1.00
R1ARMSA	73097	0.13	0.34	0.00	1.00
S1ARMSA	50004	0.11	0.31	0.00	1.00
R1PUSHA	73096	0.36	0.48	0.00	1.00
S1PUSHA	50003	0.31	0.46	0.00	1.00

Categorical Variable Codes

Value-----	R1WALK100A
.d:DK	2
.m:Missing	310
0.No	57436
1.Yes	15660
Value-----	S1WALK100A
.d:DK	2
.m:Missing	147
.u:Unmar	16594
.v:SP NR	6662
0.No	41163
1.Yes	8840
Value-----	R1SITA
.d:DK	1
.m:Missing	310
0.No	52533
1.Yes	20564
Value-----	S1SITA
.d:DK	1
.m:Missing	147
.u:Unmar	16594
.v:SP NR	6662
0.No	37567
1.Yes	12437
Value-----	R1CHAIRA
.d:DK	1
.m:Missing	310
0.No	50740
1.Yes	22357
Value-----	S1CHAIRA
.d:DK	1
.m:Missing	147
.u:Unmar	16594
.v:SP NR	6662
0.No	36515
1.Yes	13489
Value-----	R1CLIM1A
.d:DK	1
.m:Missing	310
0.No	43947

1.Yes		29150
Value-----		S1CLIM1A
.d:DK		1
.m:Missing		147
.u:Unmar		16594
.v:SP NR		6662
0.No		32295
1.Yes		17709
Value-----		R1STOOPA
.d:DK		1
.m:Missing		310
0.No		42258
1.Yes		30839
Value-----		S1STOOPA
.d:DK		1
.m:Missing		147
.u:Unmar		16594
.v:SP NR		6662
0.No		30904
1.Yes		19100
Value-----		R1LIFTA
.d:DK		2
.m:Missing		310
0.No		55339
1.Yes		17757
Value-----		S1LIFTA
.d:DK		2
.m:Missing		147
.u:Unmar		16594
.v:SP NR		6662
0.No		40222
1.Yes		9781
Value-----		R1DIMEA
.d:DK		2
.m:Missing		310
0.No		68854
1.Yes		4242
Value-----		S1DIMEA
.d:DK		1
.m:Missing		147
.u:Unmar		16594
.v:SP NR		6662
0.No		47876
1.Yes		2128
Value-----		R1ARMSA
.d:DK		1
.m:Missing		310
0.No		63459
1.Yes		9638
Value-----		S1ARMSA
.d:DK		1
.m:Missing		147
.u:Unmar		16594
.v:SP NR		6662
0.No		44588
1.Yes		5416
Value-----		R1PUSHA
.d:DK		2
.m:Missing		310
0.No		46577
1.Yes		26519

Value-----		S1PUSHA
.d:DK		2
.m:Missing		147
.u:Unmar		16594
.v:SP NR		6662
0.No		34272
1.Yes		15731

How Constructed

These variables indicate whether the respondent has any difficulty in functional limitations other than ADLs and IADLs. The other functional limitations include walking 100 yards (RwWALK100A), sitting for 2 hours or more (RwSITA), getting up from a chair after sitting for a long period (RwCHAIRA), climbing one flight of stairs without resting (RwCLIM1A), stooping, kneeling, or crouching (RwSTOOPA), lifting or carrying weights over 5 kilos, like a heavy bag of groceries (RwLIFTA), picking up a coin from a table (RwDIMEA), reaching or extending arms above shoulder level (RwARMSA), and pulling or pushing large objects (RwPUSHA). Respondents are asked to exclude any difficulties they expect to last less than three months. 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, RwCLIM1A, RwSTOOPA, RwLIFTA, RwDIMEA, RwARMSA, and RwPUSHA are assigned special missing values .d, .r, or .m respectively. These variables are assigned plain missing (.) if the respondent did not participate in the current wave.

SwWALK100A, SwSITA, SwCHAIRA, SwCLIM1A, SwSTOOPA, SwLIFTA, SwDIMEA, SwARMSA, and SwPUSHA indicate whether the respondent's current wave's spouse reported any difficulty with other functional limitations, and their values are taken directly from the spouse's responses to RwWALK100A, RwSITA, RwCHAIRA, RwCLIM1A, RwSTOOPA, RwLIFTA, RwDIMEA, RwARMSA, and RwPUSHA, respectively. In addition to the special missing codes used in RwWALK100A, RwSITA, RwCHAIRA, RwCLIM1A, RwSTOOPA, RwLIFTA, RwDIMEA, RwARMSA, and RwPUSHA, SwWALK100A, SwSITA, SwCHAIRA, SwCLIM1A, SwSTOOPA, SwLIFTA, SwDIMEA, SwARMSA, and SwPUSHA 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the LASI, respondents in the HRS have the option of answering "Can't do" or "Don't do".

The HRS asks whether the respondent has difficulty walking several blocks or walking one block, presented in RwWALKSA and RwWALK1A in the RAND HRS. The LASI asks whether the respondent has difficulty walking 100 yards, presented in RwWALK100A in the Harmonized LASI.

The HRS also asks whether the respondent had difficulty jogging one mile and climbing several flights of stairs, presented in RwJOGA and RwCLIMSA in the RAND HRS, which are not asked in LASI.

LASI Variables Used

Wave 1 Core:

HT303	Difficulty in walking 100 yards
HT304	Difficulty in sitting for 2 hours or more
HT305	Difficulty in getting up from a chair after sitt
HT306	Difficulty in climbing one flight of stairs with
HT307	Difficulty in stooping, kneeling or crouching
HT308	Difficulty in reaching or extending arms above s
HT309	Difficulty in pulling or pushing large objects
HT310	Difficulty to lift or carry weights over 5 kilos
HT311	Difficulty in picking up a coin from a table

ADL Summary: Sum ADLS Where Respondent Reports Any Difficulty
--

Wave	Variable	Label	Type
1	R1ADLWA	rladlwa:w1 r Some Diff-ADLS:Wallace /0-3	Cont
1	S1ADLWA	sladlwa:w1 s Some Diff-ADLS:Wallace /0-3	Cont
1	R1ADLWAM	rladlwam:w1 r missings in Some Diff-ADLS:Wallace /0-3	Cont
1	S1ADLWAM	sladlwam:w1 s missings in Some Diff-ADLS:Wallace /0-3	Cont
1	R1ADLWAA	rladlwaa:w1 whether r has Any Diff-ADLS:Wallace: 3-item	Categ
1	S1ADLWAA	sladlwaa:w1 whether s has Any Diff-ADLS:Wallace: 3-item	Categ
1	R1ADLA	rladla:w1 r Some Diff-ADLS:Wallace /0-5	Cont
1	S1ADLA	sladla:w1 s Some Diff-ADLS:Wallace /0-5	Cont
1	R1ADLAM	rladlam:w1 r missings in Some Diff-ADLS:Wallace summary /0-5	Cont
1	S1ADLAM	sladlam:w1 s missings in Some Diff-ADLS:Wallace summary /0-5	Cont
1	R1ADLAA	rladlaa:w1 whether r has Any Diff-ADLS:Wallace: 5-item	Categ
1	S1ADLAA	sladlaa:w1 whether s has Any Diff-ADLS:Wallace: 5-item	Categ
1	R1ADLFIVE	rladlfive:w1 r Some Diff-ADLS:5-item alt/0-5	Cont
1	S1ADLFIVE	sladlfive:w1 s Some Diff-ADLS:5-item alt/0-5	Cont
1	R1ADLFIVEM	rladlfivem:w1 r missings in Some Diff-ADLS:5-item alt/0-5	Cont
1	S1ADLFIVEM	sladlfivem:w1 s missings in Some Diff-ADLS:5-item alt/0-5	Cont
1	R1ADLFIVEA	rladlfivea:w1 whether r has Any Diff-ADLS:5-item alt	Categ
1	S1ADLFIVEA	sladlfivea:w1 whether s has Any Diff-ADLS:5-item alt	Categ
1	R1ADLTOT6	rladltot6:w1 r Some Diff-ADLS:Total /0-6	Cont
1	S1ADLTOT6	sladltot6:w1 s Some Diff-ADLS:Total /0-6	Cont
1	R1ADLTOT6M	rladltot6m:w1 r missings in Some Diff-ADLS:Total /0-6	Cont
1	S1ADLTOT6M	sladltot6m:w1 s missings in Some Diff-ADLS:Total /0-6	Cont
1	R1ADLTOT6A	rladltot6a:w1 whether r has Any Diff-ADLS:Total	Categ
1	S1ADLTOT6A	sladltot6a:w1 whether s has Any Diff-ADLS:Total	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1ADLWA	73091	0.12	0.50	0.00	3.00
S1ADLWA	50003	0.09	0.43	0.00	3.00
R1ADLWAM	73408	0.01	0.20	0.00	3.00

S1ADLWAM	50152	0.01	0.16	0.00	3.00
R1ADLWAA	73091	0.07	0.26	0.00	1.00
S1ADLWAA	50003	0.06	0.23	0.00	1.00
R1ADLA	73091	0.23	0.83	0.00	5.00
S1ADLA	50003	0.17	0.71	0.00	5.00
R1ADLAM	73408	0.02	0.33	0.00	5.00
S1ADLAM	50152	0.01	0.27	0.00	5.00
R1ADLAA	73091	0.10	0.31	0.00	1.00
S1ADLAA	50003	0.08	0.28	0.00	1.00
R1ADLFIVE	73091	0.29	0.89	0.00	5.00
S1ADLFIVE	50003	0.22	0.77	0.00	5.00
R1ADLFIVEM	73408	0.02	0.33	0.00	5.00
S1ADLFIVEM	50152	0.01	0.27	0.00	5.00
R1ADLFIVEA	73091	0.13	0.34	0.00	1.00
S1ADLFIVEA	50003	0.11	0.31	0.00	1.00
R1ADLTOT6	73091	0.33	1.04	0.00	6.00
S1ADLTOT6	50003	0.25	0.90	0.00	6.00
R1ADLTOT6M	73408	0.03	0.39	0.00	6.00
S1ADLTOT6M	50152	0.02	0.33	0.00	6.00
R1ADLTOT6A	73091	0.14	0.34	0.00	1.00
S1ADLTOT6A	50003	0.11	0.32	0.00	1.00

Categorical Variable Codes

Value-----	R1ADLWAA
.m:Missing	317
0.No	67785
1.Yes	5306
Value-----	S1ADLWAA
.m:Missing	149
.u:Unmar	16594
.v:SP NR	6662
0.No	47215
1.Yes	2788
Value-----	R1ADLAA
.m:Missing	317
0.No	65458
1.Yes	7633
Value-----	S1ADLAA
.m:Missing	149

.u:Unmar		16594
.v:SP NR		6662
0.No		45837
1.Yes		4166
Value-----		R1ADLFIVEA
.m:Missing		317
0.No		63321
1.Yes		9770
Value-----		S1ADLFIVEA
.m:Missing		149
.u:Unmar		16594
.v:SP NR		6662
0.No		44500
1.Yes		5503
Value-----		R1ADLTOT6A
.m:Missing		317
0.No		63076
1.Yes		10015
Value-----		S1ADLTOT6A
.m:Missing		149
.u:Unmar		16594
.v:SP NR		6662
0.No		44364
1.Yes		5639

How Constructed

Four Activities of Daily Living (ADL) summaries are derived. One uses the ADLs proposed by Wallace and Herzog in their paper (Wallace and Herzog, 1995) to define an ADL summary (RwADLWA): bathe, dress, and eat. The second includes these ADLs and adds getting in/out of bed and walking across a room: RwADLA. The third includes the three ADLs from the three-item summary and adds getting in/out of bed (but not including walking across a room) and using the toilet: RwADLFIVE. The fourth includes all six ADLs asked in the LASI: bathe, dress, eat, getting in/out of bed, walking across a room, and using the toilet. The "some difficulty" versions of the individual measures are used to construct these measures, i.e., RwBATHA, RwDRESSA, RWEATA, RwbEDA, RwwALKRA, and RwtOILTA 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)

RwADLFIVE = sum (RwBATHA, RwDRESSA, RWEATA, RwbEDA, RwtOILTA)

RwADLTOT6 = sum (RwBATHA, RwDRESSA, RWEATA, RwbEDA, RwtOILTA, RwwALKRA)

Don't know, refused, or other missing for all components of RwADLWA, RwADLA, RwADLFIVE, and RwADLTOT6 are assigned special missing .d, .r, or .m, respectively. RwADLWA, RwADLA, RwADLFIVE, and RwADLTOT6 are assigned plain missing (.) if the respondent did not participate in the current wave.

SwADLWA, SwADLA, SwADLFIVE, and SwADLTOT6 are taken directly from the respondent's current wave's spouse's derived summaries for RwADLWA, RwADLA, RwADLFIVE, and RwADLTOT6, respectively. In addition to the special missing codes employed by RwADLWA, RwADLA, RwADLFIVE, and RwADLTOT6, the spouse variables employ two additional missing codes, .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwADLWAM indicates the number of missing ADL questions used to derive RwADLWA. RwADLAM indicates the number of missing ADL questions used to derive RwADLA. RwADLFIVEM indicates the number of missing ADL questions used to derive RwADLFIVE. RwADLTOT6M indicates the number of missing ADL questions used to derive RwADLTOT6. RwADLWAM, RwADLAM, RwADLFIVEM, and RwADLTOT6M are assigned plain missing (.) if the respondent did not participate in the current wave.

SwADLWAM, SwADLAM, SwADLFIVEM, and SwADLTOT6M are the number of missing components for the ADL summaries and are taken directly from the spouse's values of RwADLWAM, RwADLAM, RwADLFIVEM, and RwADLTOT6M, respectively. In addition to the special missing values employed by RwADLWAM, RwADLAM, RwADLFIVEM, and RwADLTOT6M, the spouse variables employ two additional special missing codes, .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwADLWAA indicates whether the respondent experiences difficulties with any of the three ADL activities that comprise RwADLWA. RwADLAA indicates whether the respondent experiences difficulties with any of the five ADL components that comprise RwADLA. RwADLFIVEA indicates whether the respondent experiences difficulties with any of the five ADL activities that comprise RwADLFIVE. RwADLTOT6A indicates whether the respondent experiences difficulties with any of the six ADL activities that comprise RwADLTOT6. Don't know, refused, or other missing responses to the components of RwADLWAA, RwADLAA, RwADLFIVEA, and RwADLTOT6A are assigned special missing .d, .r, or .m, respectively. RwADLWAA, RwADLAA, RwADLFIVEA, and RwADLTOT6A are assigned plain missing (.) if the respondent did not participate in the current wave.

SwADLWAA, SwADLAA, SwADLFIVEA, and SwADLTOT6A indicate whether the respondent's current wave's spouse experiences any difficulty with the respective ADLs and are taken directly from RwADLWAA, RwADLAA, RwADLFIVEA, and RwADLTOT6A, respectively. In addition to the special missing values employed by RwADLWAA, RwADLAA, RwADLFIVEA, and RwADLTOT6A, the spouse variables employ two additional missing codes, .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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, RdRESSA, RweATA, RwbEDA, RwtOILTA, and RwwALKRA) are constructed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

IADL Summary: Reports Any Difficulty

Wave	Variable	Label	Type
1	R1IADLA	rliadla:w1 r Some Diff-IADLs /0-3	Cont
1	S1IADLA	sliadla:w1 s Some Diff-IADLs /0-3	Cont
1	R1IADLAM	rliadlam:w1 r Missings in Some Diff-IADLs: /0-3	Cont
1	S1IADLAM	sliadlam:w1 s Missings in Some Diff-IADLs: /0-3	Cont
1	R1IADLAA	rliadlaa:w1 whether r has Any Diff-IADLs: 3-item	Categ
1	S1IADLAA	sliadlaa:w1 whether s has Any Diff-IADLs: 3-item	Categ
1	R1IADLFOUR	rliadlfour:w1 r Some Diff-IADLs /0-4	Cont
1	S1IADLFOUR	sliadlfour:w1 s Some Diff-IADLs /0-4	Cont
1	R1IADLFOURM	rliadlfourm:w1 r Missings in Some Diff-IADLs: /0-4	Cont
1	S1IADLFOURM	sliadlfourm:w1 s Missings in Some Diff-IADLs: /0-4	Cont
1	R1IADLFOURA	rliadlfoura:w1 whether r has Any Diff-IADLs: 4-item	Categ
1	S1IADLFOURA	sliadlfoura:w1 whether s has Any Diff-IADLs: 4-item	Categ
1	R1IADLZA	rliadlza:w1 r Some Diff-IADLs /0-5	Cont
1	S1IADLZA	sliadlza:w1 s Some Diff-IADLs /0-5	Cont
1	R1IADLZAM	rliadlzam:w1 r Missings in Some Diff-IADLs: /0-5	Cont
1	S1IADLZAM	sliadlzam:w1 s Missings in Some Diff-IADLs: /0-5	Cont
1	R1IADLZAA	rliadlzaa:w1 whether r has Any Diff-IADLs: 5-item	Categ
1	S1IADLZAA	sliadlzaa:w1 whether s has Any Diff-IADLs: 5-item	Categ
1	R1IADLTOT_L	rliadltot_l:w1 r Some Diff-IADLs:Total /0-7	Cont
1	S1IADLTOT_L	sliadltot_l:w1 s Some Diff-IADLs:Total /0-7	Cont
1	R1IADLTOTM_L	rliadltotm_l:w1 r Missings in Some Diff-IADLs:Total /0-7	Cont
1	S1IADLTOTM_L	sliadltotm_l:w1 s Missings in Some Diff-IADLs:Total /0-7	Cont
1	R1IADLTOTA_L	rliadltota_l:w1 whether r has Any Diff-IADLs:Total	Categ
1	S1IADLTOTA_L	sliadltota_l:w1 whether s has Any Diff-IADLs:Total	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1IADLA	73091	0.41	0.83	0.00	3.00
S1IADLA	50003	0.32	0.73	0.00	3.00
R1IADLAM	73408	0.01	0.20	0.00	3.00

S1IADLAM	50152	0.01	0.17	0.00	3.00
R1IADLAA	73091	0.24	0.43	0.00	1.00
S1IADLAA	50003	0.20	0.40	0.00	1.00
R1IADLFOUR	73091	0.46	0.99	0.00	4.00
S1IADLFOUR	50003	0.35	0.85	0.00	4.00
R1IADLFOURM	73408	0.02	0.26	0.00	4.00
S1IADLFOURM	50152	0.01	0.22	0.00	4.00
R1IADLFOURA	73091	0.23	0.42	0.00	1.00
S1IADLFOURA	50003	0.19	0.39	0.00	1.00
R1IADLZA	73091	0.63	1.26	0.00	5.00
S1IADLZA	50003	0.49	1.08	0.00	5.00
R1IADLZAM	73408	0.02	0.33	0.00	5.00
S1IADLZAM	50152	0.02	0.27	0.00	5.00
R1IADLZAA	73091	0.28	0.45	0.00	1.00
S1IADLZAA	50003	0.23	0.42	0.00	1.00
R1IADLTOT_L	73091	0.95	1.78	0.00	7.00
S1IADLTOT_L	50003	0.73	1.53	0.00	7.00
R1IADLTOTM_L	73408	0.03	0.46	0.00	7.00
S1IADLTOTM_L	50152	0.02	0.38	0.00	7.00
R1IADLTOTA_L	73091	0.32	0.47	0.00	1.00
S1IADLTOTA_L	50003	0.27	0.45	0.00	1.00

Categorical Variable Codes

Value-----	R1IADLAA
.m:Missing	317
0.No	55500
1.Yes	17591
Value-----	S1IADLAA
.m:Missing	149
.u:Unmar	16594
.v:SP NR	6662
0.No	40153
1.Yes	9850
Value-----	R1IADLFOURA
.m:Missing	317
0.No	56463
1.Yes	16628
Value-----	S1IADLFOURA
.m:Missing	149

.u:Unmar		16594
.v:SP NR		6662
0.No		40667
1.Yes		9336
Value-----		R1IADLZAA
.m:Missing		317
0.No		52871
1.Yes		20220
Value-----		S1IADLZAA
.m:Missing		149
.u:Unmar		16594
.v:SP NR		6662
0.No		38385
1.Yes		11618
Value-----		R1IADLTOTA_L
.m:Missing		317
0.No		49805
1.Yes		23286
Value-----		S1IADLTOTA_L
.m:Missing		149
.u:Unmar		16594
.v:SP NR		6662
0.No		36397
1.Yes		13606

How Constructed

Four Instrumental Activities of Daily Living (IADL) summaries are derived. One (RwIADLA) summarizes three commonly used IADLs: making telephone calls, managing money, and taking medications. The second (RwIADLFOUR) summarizes managing money, taking medications, shopping for groceries, and preparing hot meals. The third (RwIADLZA) includes the three IADLs from the three-item summary and adds shopping for groceries and preparing hot meals. The fourth summarizes all seven IADLs that are asked in the LASI: making telephone calls, managing money, taking medications, shopping for groceries, preparing hot meals, getting around or finding an address in an unfamiliar place, and doing work around the house or garden. 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).

RwIADLFOUR = sum (RwMONEYA, RwMEDSA, RwSHOPA, RwMEALSA)

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

RwIADLTOT_L = sum (RwPHONEA, RwMONEYA, RwMEDSA, RwSHOPA, RwMEALSA, RwGETA, RwHOUSEWKA)

Don't know, refused, or other missing responses for all components of RwIADLA, RwIADLFOUR, RwIADLZA, and RwIADLTOT_L are assigned special missing .d, .r, or .m, respectively. RwIADLA, RwIADLFOUR, RwIADLZA, and RwIADLTOT_L are set to plain missing (.) for respondents who did not respond to the current wave.

SwIADLA, SwIADLFOUR, SwIADLZA, SwIADLTOT_L are taken directly from the respondent's current wave's spouse's derived summaries for RwIADLA, RwIADLFOUR, RwIADLZA, and RwIADLTOT_L, respectively. In addition to the special missing codes employed by RwIADLA, RwIADLFOUR, RwIADLZA, and RwIADLTOT_L, the spouse variables employ two additional special missing codes, .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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. RwIADLFOURM indicates how many individual measures used to derive RwIADLFOUR are missing. RwIADLZAM indicates how many individual measures used to derive RwIADLZA are missing. RwIADLTOTM_L indicates how many individual measures used to derive RwIADLTOT_L are missing. RwIADLAM, RwIADLFOURM, RwIADLZAM, and RwIADLTOTM_L are set to plain missing (.) for respondents who did not respond to the current wave.

SwIADLAM, SwIADLFOURM, SwIADLZAM, and SwIADLTOTM_L are the number of missing components for the IADL summaries and are taken directly from the spouse's values for RwiADLAM, RwiADLFOURM, RwiADLZAM, and RwiADLTOTM_L, respectively. In addition to the special missing values employed by RwiADLAM, RwiADLFOURM, RwiADLZAM, and RwiADLTOTM_L, the spouse variables employ two additional special missing codes, .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwiADLAA indicates whether the respondent experiences difficulties with any of the three IADL activities that comprise RwiADLA. RwiADLFOURA indicates whether the respondent experiences difficulties with any of the four IADL activities that comprise RwiADLFOUR. RwiADLZAA indicates whether the respondent experiences difficulty with any of the five IADL activities that comprise RwiADLZA. RwiADLTOTA_L indicates whether the respondent experiences difficulty with any of the seven IADL activities that comprise RwiADLTOT_L. Don't know, refused, or other missing responses to the components of RwiADLAA, RwiADLFOURA, RwiADLZAA, and RwiADLTOTA_L are assigned special missing .d, .r, or .m, respectively. RwiADLAA, RwiADLFOURA, RwiADLZAA, and RwiADLTOTA_L are assigned plain missing (.) if the respondent did not participate in the current wave.

SwIADLAA, SwIADLFOURA, SwIADLZAA, and SwIADLTOTA_L indicate whether the respondent's current wave's spouse experiences any difficulty with the respective IADLs and are taken directly from the spouse's values for RwiADLAA, RwiADLFOURA, RwiADLZAA, and RwiADLTOTA_L, respectively. In addition to the special missing values employed by RwiADLAA, RwiADLFOURA, RwiADLZAA, and RwiADLTOTA_L, the spouse variables employ two additional missing codes, .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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, RwmEALSA, RwgETA, RwhOUSEWKA) are constructed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The LASI asks about difficulty with getting around or finding an address in an unfamiliar place and doing work around the house or garden, presented in RwgETA and RwhOUSEWKA in the Harmonized LASI, which are not asked in the HRS, resulting in different summaries for the total number of IADLs.

Other Summary Indices: Mobility, Large Muscle, Gross & Fine Motor Activities

Wave	Variable	Label	Type
1	R1MOBILC	rlmobilc:w1 r Some Diff-Mobility /0-3	Cont
1	S1MOBILC	slmobilc:w1 s Some Diff-Mobility /0-3	Cont
1	R1MOBILCM	rlmobilcm:w1 r Missings in Some Diff-Mobility /0-3	Cont
1	S1MOBILCM	slmobilcm:w1 s Missings in Some Diff-Mobility /0-3	Cont
1	R1MOBILCA	rlmobilca:w1 whether r has Any Diff-Mobility: 3-item	Categ
1	S1MOBILCA	slmobilca:w1 whether s has Any Diff-Mobility: 3-item	Categ
1	R1MOBILSEV_L	rlmobilsev_l:w1 r Some Diff-Mobility /0-7	Cont
1	S1MOBILSEV_L	slmobilsev_l:w1 s Some Diff-Mobility /0-7	Cont
1	R1MOBILSEVM_L	rlmobilsevm_l:w1 r Missings in Some Diff-Mobility /0-7	Cont
1	S1MOBILSEVM_L	slmobilsevm_l:w1 s Missings in Some Diff-Mobility /0-7	Cont
1	R1MOBILSEVA_L	rlmobilseva_l:w1 whether r has Any Diff-Mobility: 7-item	Categ
1	S1MOBILSEVA_L	slmobilseva_l:w1 whether s has Any Diff-Mobility: 7-item	Categ
1	R1LGMUSA	rllgmusa:w1 r Some Diff-Large muscle /0-4	Cont
1	S1LGMUSA	sllgmusa:w1 s Some Diff-Large muscle /0-4	Cont
1	R1LGMUSAM	rllgmusam:w1 r Missings in Some Diff-Large muscle /0-4	Cont
1	S1LGMUSAM	sllgmusam:w1 s Missings in Some Diff-Large muscle /0-4	Cont
1	R1LGMUSAA	rllgmusaa:w1 whether r has Any Diff-Large muscle: 4-item	Categ
1	S1LGMUSAA	sllgmusaa:w1 whether s has Any Diff-Large muscle: 4-item	Categ
1	R1GROSSA	rlgrossa:w1 r Some Diff-Wk,rn,clmb,bd,bth /0-5	Cont
1	S1GROSSA	slgrossa:w1 s Some Diff-Wk,rn,clmb,bd,bth /0-5	Cont
1	R1GROSSAM	rlgrossam:w1 r Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5	Cont
1	S1GROSSAM	slgrossam:w1 s Missings in Some Diff-Wk,rn,clmb,bd,bth /0-5	Cont
1	R1GROSSAA	rlgrossaa:w1 whether r has Any Diff-Wk,rn,clmb,bd,bth	Categ
1	S1GROSSAA	slgrossaa:w1 whether s has Any Diff-Wk,rn,clmb,bd,bth	Categ
1	R1FINEA	rlfinea:w1 r Some Diff-Dime,eat,dress /0-3	Cont
1	S1FINEA	slfinea:w1 s Some Diff-Dime,eat,dress /0-3	Cont
1	R1FINEAM	rlfineam:w1 r Missings in Some Diff-Dime,eat,dress /0-3	Cont
1	S1FINEAM	slfineam:w1 s Missings in Some Diff-Dime,eat,dress /0-3	Cont
1	R1FINEAA	rlfineaa:w1 whether r has Any Diff-Dime,eat,dress	Categ

1	S1FINEAA	s1fineaa:w1 whether s has Any Diff-Dime,eat,dress	Categ
1	R1LOWERMOb_L	r1lowermob_l:w1 r Some Diff-Lower Mobility /0-4	Cont
1	S1LOWERMOb_L	s1lowermob_l:w1 s Some Diff-Lower Mobility /0-4	Cont
1	R1LOWERMObM_L	r1lowermobm_l:w1 r Missings in Some Diff-Lower Mobility /0-4	Cont
1	S1LOWERMObM_L	s1lowermobm_l:w1 s Missings in Some Diff-Lower Mobility /0-4	Cont
1	R1LOWERMObA_L	r1lowermoba_l:w1 whether r has Any Diff-Lower Mobility: 4-it	Categ
1	S1LOWERMObA_L	s1lowermoba_l:w1 whether s has Any Diff-Lower Mobility: 4-it	Categ
1	R1UPPERMOB	rluppermob:w1 r Some Diff-Upper Mobility /0-3	Cont
1	S1UPPERMOB	sluppermob:w1 s Some Diff-Upper Mobility /0-3	Cont
1	R1UPPERMOBM	rluppermobm:w1 r Missings in Some Diff-Upper Mobility /0-3	Cont
1	S1UPPERMOBM	sluppermobm:w1 s Missings in Some Diff-Upper Mobility /0-3	Cont
1	R1UPPERMOBA	rluppermoba:w1 whether r has Any Diff-Lower Mobility: 3-item	Categ
1	S1UPPERMOBA	sluppermoba:w1 whether s has Any Diff-Lower Mobility: 3-item	Categ
1	R1NAGI8M	rlnagi8m:w1 r some difficulty-missings in 8-item NAGI score	Cont
1	S1NAGI8M	slnagi8m:w1 s some difficulty-missings in 8-item NAGI score	Cont
1	R1NAGI8	rlnagi8:w1 r some difficulty-NAGI score 0-8	Cont
1	S1NAGI8	slnagi8:w1 s some difficulty-NAGI score 0-8	Cont
1	R1NAGI8A	rlnagi8a:w1 whether r has any diff-8-item NAGI score	Categ
1	S1NAGI8A	slnagi8a:w1 whether s has any diff-8-item NAGI score	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MOBILC	73098	0.65	0.86	0.00	3.00
S1MOBILC	50005	0.56	0.80	0.00	3.00
R1MOBILCM	73408	0.01	0.19	0.00	3.00
S1MOBILCM	50152	0.01	0.16	0.00	3.00
R1MOBILCA	73098	0.43	0.50	0.00	1.00
S1MOBILCA	50005	0.39	0.49	0.00	1.00
R1MOBILSEV_L	73097	1.77	2.06	0.00	7.00
S1MOBILSEV_L	50004	1.53	1.92	0.00	7.00
R1MOBILSEVM_L	73408	0.03	0.45	0.00	7.00
S1MOBILSEVM_L	50152	0.02	0.38	0.00	7.00

R1MOBILSEVA_L	73097	0.56	0.50	0.00	1.00
S1MOBILSEVA_L	50004	0.52	0.50	0.00	1.00
R1LGMUSA	73097	1.37	1.51	0.00	4.00
S1LGMUSA	50004	1.22	1.45	0.00	4.00
R1LGMUSAM	73408	0.02	0.26	0.00	4.00
S1LGMUSAM	50152	0.01	0.22	0.00	4.00
R1LGMUSAA	73097	0.56	0.50	0.00	1.00
S1LGMUSAA	50004	0.51	0.50	0.00	1.00
R1GROSSA	73098	0.76	1.10	0.00	5.00
S1GROSSA	50005	0.64	1.00	0.00	5.00
R1GROSSAM	73408	0.02	0.33	0.00	5.00
S1GROSSAM	50152	0.01	0.27	0.00	5.00
R1GROSSAA	73098	0.44	0.50	0.00	1.00
S1GROSSAA	50005	0.39	0.49	0.00	1.00
R1FINEA	73098	0.14	0.48	0.00	3.00
S1FINEA	50005	0.11	0.41	0.00	3.00
R1FINEAM	73408	0.01	0.20	0.00	3.00
S1FINEAM	50152	0.01	0.16	0.00	3.00
R1FINEAA	73098	0.10	0.30	0.00	1.00
S1FINEAA	50005	0.08	0.27	0.00	1.00
R1LOWERMOb_L	73097	1.34	1.50	0.00	4.00
S1LOWERMOb_L	50004	1.18	1.43	0.00	4.00
R1LOWERMObM_L	73408	0.02	0.26	0.00	4.00
S1LOWERMObM_L	50152	0.01	0.22	0.00	4.00
R1LOWERMObA_L	73097	0.53	0.50	0.00	1.00
S1LOWERMObA_L	50004	0.49	0.50	0.00	1.00
R1UPPERMOB	73097	0.43	0.78	0.00	3.00
S1UPPERMOB	50004	0.35	0.70	0.00	3.00
R1UPPERMOBM	73408	0.01	0.19	0.00	3.00
S1UPPERMOBM	50152	0.01	0.16	0.00	3.00
R1UPPERMOBA	73097	0.29	0.45	0.00	1.00

S1UPPERMOBA	50004	0.24	0.43	0.00	1.00
R1NAGI8M	73408	0.03	0.52	0.00	8.00
S1NAGI8M	73408	2.55	3.73	0.00	8.00
R1NAGI8	73097	2.02	2.36	0.00	8.00
S1NAGI8	50004	1.74	2.19	0.00	8.00
R1NAGI8A	73097	0.58	0.50	0.00	1.00
S1NAGI8A	50004	0.53	0.50	0.00	1.00

Categorical Variable Codes

Value-----	R1MOBILCA
.m:Missing	310
0.No	41545
1.Yes	31553

Value-----	S1MOBILCA
.m:Missing	147
.u:Unmar	16594
.v:SP NR	6662
0.No	30753
1.Yes	19252

Value-----	R1MOBILSEVA_L
.m:Missing	311
0.No	32007
1.Yes	41090

Value-----	S1MOBILSEVA_L
.m:Missing	148
.u:Unmar	16594
.v:SP NR	6662
0.No	24062
1.Yes	25942

Value-----	R1LGMUSAA
.d:DK	1
.m:Missing	310
0.No	32479
1.Yes	40618

Value-----	S1LGMUSAA
.d:DK	1
.m:Missing	147
.u:Unmar	16594
.v:SP NR	6662
0.No	24344
1.Yes	25660

Value-----	R1GROSSAA
.m:Missing	310
0.No	41225
1.Yes	31873

Value-----	S1GROSSAA
.m:Missing	147
.u:Unmar	16594
.v:SP NR	6662
0.No	30530
1.Yes	19475

Value-----	R1FINEAA
------------	----------

.m:Missing		310
0.No		65787
1.Yes		7311
Value-----		S1FINEAA
.m:Missing		147
.u:Unmar		16594
.v:SP NR		6662
0.No		46139
1.Yes		3866
Value-----		R1LOWERMOBA_L
.m:Missing		311
0.No		34028
1.Yes		39069
Value-----		S1LOWERMOBA_L
.m:Missing		148
.u:Unmar		16594
.v:SP NR		6662
0.No		25377
1.Yes		24627
Value-----		R1UPPERMOBA
.m:Missing		311
0.No		51983
1.Yes		21114
Value-----		S1UPPERMOBA
.m:Missing		148
.u:Unmar		16594
.v:SP NR		6662
0.No		38023
1.Yes		11981
Value-----		R1NAGI8A
.d:DK		1
.m:Missing		310
0.No		30936
1.Yes		42161
Value-----		S1NAGI8A
.d:DK		1
.m:Missing		147
.u:Unmar		16594
.v:SP NR		6662
0.No		23287
1.Yes		26717

How Constructed

Several summary measures for functional limitations are derived. 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. A NAGI summary index is also included.

The three-item mobility index uses the walking 100 yards, walking across a room, and climbing one flight of stairs activities. The seven-item mobility index uses the walking 100 yards, climbing one flight of stairs, getting up from a chair, stooping, kneeling, or crouching, reaching or extending arms above shoulder level, lifting or carrying weights over 5 kilos, and picking up a coin from a table. 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 coin, eating, and dressing activities. The lower body index uses walking 100 yards, climbing one flight of stairs without resting, getting up from a chair after sitting

for a long period of time, and stooping, kneeling, or crouching activities. The upper body index uses reaching or extending arms above shoulder level, lifting or carrying weights over 5 kilos, and picking up a coin from a table. The NAGI index uses walking 100 yards, sitting for 2 hours, getting up from a chair, stooping, kneeling, or crouching, reaching or extending arms above shoulder level, pushing or pulling large objects, lifting or carrying weights over 5 kilos, and picking up a coin from a table. Each limitation adds one to the summary measure, that is:

RwMOBILC = sum (RwWALK100A, RwWALKRA, RwCLIM1A)

RwMOBILSEV_L = sum (RwWALK100A, RwCLIM1A, RwCHAIRA, RwSTOOPA, RwARMSA, RwLIFTA, RwDIMEA)

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

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

RwFINEA = sum (RwDIMEA, RweATA, RwdRESSA)

RwLOWERMOb_L = sum (RwWALK100A, RwCLIM1A, RwCHAIRA, RwSTOOPA)

RwUPPERMOB = sum (RwARMSA, RwLIFTA, RwDIMEA)

RwNAGI8 = sum (RwWALK100A, RwSITA, RwCHAIRA, RwSTOOPA, RwARMSA, RwPUSHA, RwLIFTA, RwDIMEA)

Don't know, refused, or other missing responses for all components of RwMOBILC, RwMOBILSEV_L, RwLGMUSA, RwGROSSA, RwFINEA, RwLOWERMOb_L, RwUPPERMOB, and RwNAGI8 are assigned special missing .d, .r, or .m, respectively. RwMOBILC, RwMOBILSEV_L, RwLGMUSA, RwGROSSA, RwFINEA, RwLOWERMOb_L, RwUPPERMOB, and RwNAGI8 are set to plain missing (.) for respondents who did not respond to this wave.

RwMOBILCM indicates how many individual measures used to derive RwMOBILC are missing. RwMOBILSEVM_L indicates how many individual measures used to derive RwMOBILSEV_L 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. RwLOWERMObM_L indicates how many individual measures used to derive RwLOWERMOb_L are missing. RwUPPERMOBM indicates how many individual measures used to derive RwUPPERMOB are missing. RwNAGI8M indicates how many individual measures used to derive RwNAGI8 are missing. RwMOBILCM, RwMOBILSEVM_L, RwLGMUSAM, RwGROSSAM, RwFINEAM, RwLOWERMObM_L, RwUPPERMOBM, and RwNAGI8M are set to plain missing (.) for respondents who did not respond to this wave.

RwMOBILCA indicates whether the respondent experiences difficulties with any of the four activities listed above. RwMOBILSEVA_L indicates whether the respondent experiences difficulties with any of the seven activities listed above. RwLGMUSAA indicates whether the respondent experiences difficulties with any of the four activities listed above. RwGROSSAA indicates whether the respondent experiences difficulties with any of the five activities listed above. RwFINEAA indicates whether the respondent experiences difficulties with any of the three activities listed above. RwLOWERMObA_L indicates whether the respondent experiences difficulties with any of the four activities listed above. RwUPPERMOBA indicates whether the respondent experiences difficulties with any of the three activities listed above. RwNAGI8A indicates whether the respondent experiences difficulties with any of the eight activities listed above. Don't know, refused, or other missing responses to the components of RwMOBILCA, RwMOBILSEVA_L, RwLGMUSAA, RwGROSSAA, RwFINEAA, RwLOWERMObA_L, RwUPPERMOBA, and RwNAGI8A are assigned special missing .d, .r, or .m, respectively. RwMOBILCA, RwMOBILSEVA_L, RwLGMUSAA, RwGROSSAA, RwFINEAA, RwLOWERMObA_L, RwUPPERMOBA, and RwNAGI8A are set to plain missing (.) for respondents who did not respond to this wave.

SwMOBILC, SwMOBILSEV_L, SwLGMUSA, SwGROSSA, SwFINEA, SwLOWERMOb_L, SwUPPERMOB, and SwNAGI8 are summary measures for the respondent's current wave's spouse, and they are taken directly from the spouse's values for RwMOBILC, RwMOBILSEV_L, RwLGMUSA, RwGROSSA, RwFINEA, RwLOWERMOb_L, RwUPPERMOB, and RwNAGI8. SwMOBILCM, SwMOBILSEVM_L, SwLGMUSAM, SwGROSSAM, SwFINEAM, SwLOWERMObM_L, SwUPPERMOBM, and SwNAGI8M are the number of missing components for the mobility summaries, and are taken directly from the spouse's values for RwMOBILCM, RwMOBILSEVM_L, RwLGMUSAM, RwGROSSAM, RwFINEAM, RwLOWERMObM_L, RwUPPERMOBM, and RwNAGI8M, respectively. SwMOBILCA, SwMOBILSEVA_L, SwLGMUSAA, SwGROSSAA, SwFINEAA, SwLOWERMObA_L, SwUPPERMOBA, and SwNAGI8A indicate whether the respondent's current wave's spouse experiences any difficulty with the respective activities and are taken directly from the spouse's values for RwMOBILCA, RwMOBILSEVA_L, RwLGMUSAA, RwGROSSAA, RwFINEAA, RwLOWERMObA_L, RwUPPERMOBA, and RwNAGI8A, respectively. In

addition to the special missing codes employed by the respondent variables, the spouse variables 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.

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, RwCLIM1A, RwsITA, RwCHAIRA, RwSTOOPA, RwpUSHA, RwarMSA, RwlIFTA, RwdIMEA) are constructed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS surveys difficulty walking with three questions: difficulty walking across a room, difficulty walking one block, and difficulty walking several blocks. The LASI 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. The HRS surveys difficulty walking up several flights of stairs and difficulty walking up one flight of stairs, while the LASI only surveys difficulty walking up one flight of stairs. This difference affects three of the summary indices.

Unlike the RAND HRS variable RwmOBILA, RwmOBILC in the Harmonized LASI uses a scale of 0-3, instead of a scale of 0-5, as LASI does not ask about difficulty walking several blocks (RwWALKSA), difficulty walking one block (RwWALK1A), and difficulty walking up several flights of stairs without resting (RwCLIMSA), and replaces these with a question on difficulty walking 100 yards (RwWALK100A). In the Harmonized LASI, 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 (RwWALK1A). The Harmonized LASI computes the 7-item mobility index (RwmOBILSEV_L) and the lower mobility index (RwLOWERMOb_L) using information about difficulty walking up one flight of stairs (RwCLIM1A), whereas the RAND HRS uses difficulty walking up several flights of stairs (RwCLIMSA). As a result of this difference, these variables in the Harmonized LASI add "_L" at the end of the variable name. Because the HRS asks two separate questions about walking up stairs, the Harmonized HRS includes an additional summary measure (RwNAGI10) that incorporates these questions, which is not available in the Harmonized LASI.

Doctor Diagnosed Diseases: Diagnosed with Endemic Disease to India in the Last Two Years

Wave	Variable	Label	Type
1	R1MALARIA	rlmalaria:w1 r had malaria last 2 years	Categ
1	S1MALARIA	slmalaria:w1 s had malaria last 2 years	Categ
1	R1DIARRH	rldiarrh:w1 r had diarrhea/gastroenteritis last 2 years	Categ
1	S1DIARRH	sldiarrh:w1 s had diarrhea/gastroenteritis last 2 years	Categ
1	R1TYPHOID	rltyphoid:w1 r had typhoid last 2 years	Categ
1	S1TYPHOID	sltyphoid:w1 s had typhoid last 2 years	Categ
1	R1ANEMIA	rlanemia:w1 r had anemia last 2 years	Categ
1	S1ANEMIA	slanemia:w1 s had anemia last 2 years	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MALARIA	73168	0.07	0.26	0.00	1.00
S1MALARIA	50035	0.07	0.26	0.00	1.00
R1DIARRH	73168	0.12	0.33	0.00	1.00
S1DIARRH	50035	0.12	0.33	0.00	1.00
R1TYPHOID	73168	0.05	0.22	0.00	1.00
S1TYPHOID	50035	0.05	0.22	0.00	1.00
R1ANEMIA	73165	0.04	0.20	0.00	1.00
S1ANEMIA	50032	0.04	0.19	0.00	1.00

Categorical Variable Codes

Value-----	R1MALARIA
.d:DK	2
.m:Missing	237
.r:Refuse	1
0.no	67864
1.yes	5304
Value-----	S1MALARIA
.m:Missing	116
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.no	46351
1.yes	3684
Value-----	R1DIARRH
.d:DK	2
.m:Missing	237
.r:Refuse	1
0.no	64218

1.yes		8950
Value-----		S1DIARRH
.m:Missing		116
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		44012
1.yes		6023
Value-----		R1TYPHOID
.d:DK		2
.m:Missing		237
.r:Refuse		1
0.no		69337
1.yes		3831
Value-----		S1TYPHOID
.m:Missing		116
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		47421
1.yes		2614
Value-----		R1ANEMIA
.d:DK		5
.m:Missing		237
.r:Refuse		1
0.no		70212
1.yes		2953
Value-----		S1ANEMIA
.d:DK		3
.m:Missing		116
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		48096
1.yes		1936

How Constructed

RwMALARIA, RwDIARRH, RwTYPHOID, and RwanEMIA indicate whether the respondent has had a disease endemic to India in the last two years. RwMALARIA indicates whether the respondent has had malaria in the past 2 years. RwDIARRH indicates whether the respondent has had diarrhea or gastroenteritis in the past 2 years. RwTYPHOID indicates whether the respondent has had typhoid in the past 2 years. RwanEMIA indicates whether the respondent has had anemia in the past 2 years.

A code of 0 indicates that the respondent has not had a diagnosis of the reported endemic disease to India in the past 2 years. A code of 1 indicates that the respondent has had a diagnosis of the reported endemic disease to India in the past 2 years. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwMALARIA, RwDIARRHEA, RwTYPHOID, and RwanEMIA are set to plain missing (.) for respondents who did not respond to this wave.

SwMALARIA, SwDIARRH, SwTYPHOID, and SwANEMIA indicate whether the respondent's spouse has had a disease endemic to India, and is taken directly from RwMALARIA, RwDIARRH, RwTYPHOID, and RwanEMIA. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes. A special missing code .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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

As the variables in this section indicate whether respondents have had specific diseases endemic to India, these variables are not available in the HRS.

LASI Variables Used

Wave 1 Core:

HT203	Had acute disease in past two years_malaria
HT204	Had acute disease in past two years_diarrhea/gas
HT205	Had acute disease in past two years_typhoid
HT207	Had acute disease in past two years_anemia

Doctor Diagnosed Health Problems: Ever Have Condition
--

Wave	Variable	Label	Type
1	R1HIBPE	rlhibpe:w1 r ever had high blood pressure	Categ
1	S1HIBPE	slhibpe:w1 s ever had high blood pressure	Categ
1	R1DIABE	rldiabe:w1 r ever had diabetes	Categ
1	S1DIABE	sldiabe:w1 s ever had diabetes	Categ
1	R1CANCRE	rlcancre:w1 r ever had cancer	Categ
1	S1CANCRE	slcancre:w1 s ever had cancer	Categ
1	R1LUNGE	rllunge:w1 r ever had lung disease	Categ
1	S1LUNGE	sllunge:w1 s ever had lung disease	Categ
1	R1HEARTE	rlhearte:w1 r ever had heart problem	Categ
1	S1HEARTE	slhearte:w1 s ever had heart problem	Categ
1	R1STROKE	rlstroke:w1 r ever had stroke	Categ
1	S1STROKE	slstroke:w1 s ever had stroke	Categ
1	R1ARTHRE	rlarthre:w1 r ever had arthritis	Categ
1	S1ARTHRE	slarthre:w1 s ever had arthritis	Categ
1	R1PSYCHE	rlpsyche:w1 r ever had psych problem	Categ
1	S1PSYCHE	slpsyche:w1 s ever had psych problem	Categ
1	R1ALZDEME	rlalzdeme:w1 r ever had alzheimers/dementia	Categ
1	S1ALZDEME	slalzdeme:w1 s ever had alzheimers/dementia	Categ
1	R1HCHOLE	rlhchole:w1 r ever had high cholesterol	Categ
1	S1HCHOLE	slhchole:w1 s ever had high cholesterol	Categ
1	R1ASTHMAE	rlasthmae:w1 r ever had asthma	Categ
1	S1ASTHMAE	slasthmae:w1 s ever had asthma	Categ
1	R1CONHRTFE	rlconhrtfe:w1 r ever had congestive heart failure	Categ
1	S1CONHRTFE	slconhrtfe:w1 s ever had congestive heart failure	Categ
1	R1HRTATTE	rlhrtatte:w1 r ever had heart attack	Categ
1	S1HRTATTE	slhrtatte:w1 s ever had heart attack	Categ
1	R1HRTRHME	rlhrtrhme:w1 r ever had abnormal heart rhythm	Categ
1	S1HRTRHME	slhrtrhme:w1 s ever had abnormal heart rhythm	Categ
1	R1OSTEOE	rlosteoe:w1 r ever had osteoporosis	Categ

1	S1OSTEOE	slosteoe:w1 s ever had osteoporosis	Categ
1	R1THYROIDE	rlthyroide:w1 r ever had thyroid disorder	Categ
1	S1THYROIDE	slthyroide:w1 s ever had thyroid disorder	Categ
1	R1GSTROINE	rlgstroine:w1 r ever had gastrointestinal problems	Categ
1	S1GSTROINE	slgstroine:w1 s ever had gastrointestinal problems	Categ
1	R1SKINDISE	rlskindise:w1 r ever had skin diseases	Categ
1	S1SKINDISE	slskindise:w1 s ever had skin diseases	Categ
1	R1KIDSTNE	rlkidstne:w1 r ever had kidney stones	Categ
1	S1KIDSTNE	slkidstne:w1 s ever had kidney stones	Categ
1	R1PRSBYPE	rlprsbype:w1 r ever had presbyopia	Categ
1	S1PRSBYPE	slprsbype:w1 s ever had presbyopia	Categ
1	R1CATRACTE	rlcatracte:w1 r ever had cataracts	Categ
1	S1CATRACTE	slcatracte:w1 s ever had cataracts	Categ
1	R1GLAUCOME	rlglaucome:w1 r ever had glaucoma	Categ
1	S1GLAUCOME	slglaucome:w1 s ever had glaucoma	Categ
1	R1MYOPIAE	rlmyopiae:w1 r ever had myopia	Categ
1	S1MYOPIAE	slmyopiae:w1 s ever had myopia	Categ
1	R1HYPRMTPE	rlhyprmtpe:w1 r ever had hypermetropia	Categ
1	S1HYPRMTPE	slhyprmtpe:w1 s ever had hypermetropia	Categ
1	R1DNTLCVTE	rldntlcvte:w1 r ever had dental cavities/dental caries	Categ
1	S1DNTLCVTE	sldntlcvte:w1 s ever had dental cavities/dental caries	Categ
1	R1PERDNTLE	rlperdntle:w1 r ever had periodontal disease	Categ
1	S1PERDNTLE	slperdntle:w1 s ever had periodontal disease	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HIBPE	73207	0.28	0.45	0.00	1.00
S1HIBPE	50050	0.26	0.44	0.00	1.00
R1DIABE	73204	0.12	0.33	0.00	1.00
S1DIABE	50047	0.12	0.33	0.00	1.00
R1CANCRE	73212	0.01	0.08	0.00	1.00
S1CANCRE	50054	0.01	0.08	0.00	1.00

R1LUNGE	73213	0.02	0.14	0.00	1.00
S1LUNGE	50056	0.02	0.14	0.00	1.00
R1HEARTE	73214	0.03	0.18	0.00	1.00
S1HEARTE	50057	0.03	0.18	0.00	1.00
R1STROKE	73213	0.02	0.13	0.00	1.00
S1STROKE	50057	0.02	0.12	0.00	1.00
R1ARTHRE	73155	0.11	0.32	0.00	1.00
S1ARTHRE	50024	0.10	0.30	0.00	1.00
R1PSYCHE	73188	0.01	0.09	0.00	1.00
S1PSYCHE	50039	0.01	0.08	0.00	1.00
R1ALZDEME	73188	0.01	0.07	0.00	1.00
S1ALZDEME	50039	0.00	0.07	0.00	1.00
R1HCHOLE	73212	0.03	0.18	0.00	1.00
S1HCHOLE	50056	0.03	0.18	0.00	1.00
R1ASTHMAE	73177	0.04	0.19	0.00	1.00
S1ASTHMAE	50037	0.03	0.18	0.00	1.00
R1CONHRTFE	73049	0.01	0.08	0.00	1.00
S1CONHRTFE	49958	0.01	0.08	0.00	1.00
R1HRTATTE	73211	0.02	0.14	0.00	1.00
S1HRTATTE	50055	0.02	0.14	0.00	1.00
R1HRTRHME	73049	0.01	0.10	0.00	1.00
S1HRTRHME	49958	0.01	0.09	0.00	1.00
R1OSTEOE	73155	0.03	0.18	0.00	1.00
S1OSTEOE	50024	0.03	0.17	0.00	1.00
R1THYROIDE	73185	0.03	0.18	0.00	1.00
S1THYROIDE	50039	0.03	0.17	0.00	1.00
R1GSTROINE	73185	0.18	0.39	0.00	1.00
S1GSTROINE	50039	0.18	0.39	0.00	1.00
R1SKINDISE	73185	0.05	0.22	0.00	1.00
S1SKINDISE	50039	0.05	0.22	0.00	1.00
R1KIDSTNE	73190	0.03	0.17	0.00	1.00
S1KIDSTNE	50047	0.03	0.17	0.00	1.00

R1PRSBYPE	73073	0.07	0.25	0.00	1.00
S1PRSBYPE	49967	0.07	0.25	0.00	1.00
R1CATRACTE	73073	0.11	0.32	0.00	1.00
S1CATRACTE	49967	0.09	0.29	0.00	1.00
R1GLAUCOME	73073	0.02	0.13	0.00	1.00
S1GLAUCOME	49967	0.02	0.12	0.00	1.00
R1MYOPIAE	73074	0.24	0.43	0.00	1.00
S1MYOPIAE	49968	0.24	0.42	0.00	1.00
R1HYPRMTPE	73073	0.21	0.41	0.00	1.00
S1HYPRMTPE	49967	0.21	0.40	0.00	1.00
R1DNTLCVTE	73182	0.19	0.40	0.00	1.00
S1DNTLCVTE	50040	0.19	0.39	0.00	1.00
R1PERDNTLE	73182	0.14	0.35	0.00	1.00
S1PERDNTLE	50040	0.14	0.35	0.00	1.00

Categorical Variable Codes

Value-----	R1HIBPE
.d:DK	15
.m:Missing	186
0.no	52887
1.yes	20320
Value-----	S1HIBPE
.d:DK	11
.m:Missing	91
.u:Unmar	16594
.v:SP NR	6662
0.no	37273
1.yes	12777
Value-----	R1DIABE
.d:DK	17
.m:Missing	186
.r:Refuse	1
0.no	64347
1.yes	8857
Value-----	S1DIABE
.d:DK	13
.m:Missing	91
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.no	44008
1.yes	6039
Value-----	R1CANCRE
.d:DK	9
.m:Missing	186
.r:Refuse	1
0.no	72740

1.yes		472
Value-----		S1CANCRE
.d:DK		6
.m:Missing		91
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		49753
1.yes		301
Value-----		R1LUNGE
.d:DK		7
.m:Missing		187
.r:Refuse		1
0.no		71775
1.yes		1438
Value-----		S1LUNGE
.d:DK		3
.m:Missing		92
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		49106
1.yes		950
Value-----		R1HEARTE
.d:DK		7
.m:Missing		186
.r:Refuse		1
0.no		70745
1.yes		2469
Value-----		S1HEARTE
.d:DK		3
.m:Missing		91
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		48405
1.yes		1652
Value-----		R1STROKE
.d:DK		8
.m:Missing		186
.r:Refuse		1
0.no		71991
1.yes		1222
Value-----		S1STROKE
.d:DK		3
.m:Missing		91
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		49271
1.yes		786
Value-----		R1ARTHRE
.d:DK		61
.m:Missing		190
.r:Refuse		2
0.no		64976
1.yes		8179
Value-----		S1ARTHRE
.d:DK		32
.m:Missing		94
.r:Refuse		2
.u:Unmar		16594

.v:SP NR		6662
0.no		44895
1.yes		5129

Value-----		R1PSYCHE
.d:DK		19
.m:Missing		197
.r:Refuse		4
0.no		72617
1.yes		571

Value-----		S1PSYCHE
.d:DK		10
.m:Missing		99
.r:Refuse		4
.u:Unmar		16594
.v:SP NR		6662
0.no		49692
1.yes		347

Value-----		R1ALZDEME
.d:DK		19
.m:Missing		197
.r:Refuse		4
0.no		72784
1.yes		404

Value-----		S1ALZDEME
.d:DK		10
.m:Missing		99
.r:Refuse		4
.u:Unmar		16594
.v:SP NR		6662
0.no		49803
1.yes		236

Value-----		R1HCHOLE
.d:DK		9
.m:Missing		186
.r:Refuse		1
0.no		70782
1.yes		2430

Value-----		S1HCHOLE
.d:DK		4
.m:Missing		91
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		48459
1.yes		1597

Value-----		R1ASTHMAE
.d:DK		42
.m:Missing		187
.r:Refuse		2
0.no		70500
1.yes		2677

Value-----		S1ASTHMAE
.d:DK		21
.m:Missing		92
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
0.no		48361
1.yes		1676

Value-----		R1CONHRTFE
.d:DK		168
.m:Missing		187

.r:Refuse		4
0.no		72537
1.yes		512

Value-----		S1CONHRTFE
.d:DK		100
.m:Missing		92
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
0.no		49595
1.yes		363

Value-----		R1HRTATTE
.d:DK		9
.m:Missing		187
.r:Refuse		1
0.no		71847
1.yes		1364

Value-----		S1HRTATTE
.d:DK		4
.m:Missing		92
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		49122
1.yes		933

Value-----		R1HRTRHME
.d:DK		168
.m:Missing		187
.r:Refuse		4
0.no		72369
1.yes		680

Value-----		S1HRTRHME
.d:DK		100
.m:Missing		92
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
0.no		49511
1.yes		447

Value-----		R1OSTEOE
.d:DK		61
.m:Missing		190
.r:Refuse		2
0.no		70635
1.yes		2520

Value-----		S1OSTEOE
.d:DK		32
.m:Missing		94
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
0.no		48469
1.yes		1555

Value-----		R1THYROIDE
.d:DK		14
.m:Missing		207
.r:Refuse		2
0.no		70849
1.yes		2336

Value-----		S1THYROIDE
.d:DK		7
.m:Missing		105

.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		48526
1.yes		1513

Value-----		R1GSTROINE
.d:DK		14
.m:Missing		207
.r:Refuse		2
0.no		59720
1.yes		13465

Value-----		S1GSTROINE
.d:DK		7
.m:Missing		105
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		40843
1.yes		9196

Value-----		R1SKINDISE
.d:DK		14
.m:Missing		207
.r:Refuse		2
0.no		69571
1.yes		3614

Value-----		S1SKINDISE
.d:DK		7
.m:Missing		105
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		47528
1.yes		2511

Value-----		R1KIDSTNE
.d:DK		16
.m:Missing		197
.r:Refuse		5
0.no		71100
1.yes		2090

Value-----		S1KIDSTNE
.d:DK		7
.m:Missing		97
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		48560
1.yes		1487

Value-----		R1PRSBYPE
.d:DK		121
.m:Missing		212
.r:Refuse		2
0.no		68097
1.yes		4976

Value-----		S1PRSBYPE
.d:DK		78
.m:Missing		106
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		46630
1.yes		3337

Value-----		R1CATRACTE
------------	--	------------

.d:DK		121
.m:Missing		212
.r:Refuse		2
0.no		64854
1.yes		8219

Value-----		S1CATRACTE
.d:DK		78
.m:Missing		106
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		45487
1.yes		4480

Value-----		R1GLAUCOME
.d:DK		121
.m:Missing		212
.r:Refuse		2
0.no		71789
1.yes		1284

Value-----		S1GLAUCOME
.d:DK		78
.m:Missing		106
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		49177
1.yes		790

Value-----		R1MYOPIAE
.d:DK		120
.m:Missing		212
.r:Refuse		2
0.no		55405
1.yes		17669

Value-----		S1MYOPIAE
.d:DK		77
.m:Missing		106
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		38170
1.yes		11798

Value-----		R1HYPRMTPE
.d:DK		121
.m:Missing		212
.r:Refuse		2
0.no		57366
1.yes		15707

Value-----		S1HYPRMTPE
.d:DK		78
.m:Missing		106
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		39662
1.yes		10305

Value-----		R1DNTLCVTE
.d:DK		1
.m:Missing		223
.r:Refuse		2
0.no		59009
1.yes		14173

Value-----		S1DNTLCVTE
------------	--	------------

.d:DK		1
.m:Missing		111
.u:Unmar		16594
.v:SP NR		6662
0.no		40490
1.yes		9550

Value-----		R1PERDNTLE
.d:DK		1
.m:Missing		223
.r:Refuse		2
0.no		62883
1.yes		10299

Value-----		S1PERDNTLE
.d:DK		1
.m:Missing		111
.u:Unmar		16594
.v:SP NR		6662
0.no		42877
1.yes		7163

How Constructed

The following variables indicate whether the respondent reports that a doctor has ever told the respondent they had a specific condition.

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

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

RwCANCRE indicates whether the respondent reported ever having cancer or a malignant tumor.

RwLUNGE indicates whether the respondent reported ever having chronic lung disease such as chronic obstructive pulmonary disease/chronic bronchitis or other chronic lung problems.

RwHEARTE indicates whether the respondent reported ever having chronic heart diseases such as coronary heart disease (heart attack or myocardial infarction), congestive heart failure, or other chronic heart problems.

RwSTROKE indicates whether the respondent reported ever having a stroke.

RwARTHRE indicates whether the respondent reported ever having arthritis or rheumatism.

RwPSYCHE indicates whether the respondent reported ever having any psychiatric problems such as unipolar/bipolar disorder, schizophrenia, or depression.

RwALZDEME indicates whether the respondent reported ever having Alzheimer's disease or dementia.

RwHCHOLE indicates whether the respondent reported ever being diagnosed with high cholesterol.

RwASTHMAE indicates whether the respondent reported ever having asthma.

RwCONHRTFE indicates whether the respondent reported ever being diagnosed with congestive heart failure.

RwHRTATTE indicates whether the respondent reported ever having a heart attack.

RwHRTRHME indicates whether the respondent reported ever having an abnormal heart rhythm, including conduction disorders or cardiac arrhythmias.

RwOSTEOE indicates whether the respondent reported ever being diagnosed with osteoporosis.

RwTHYROIDE indicates whether the respondent reported ever being diagnosed with a thyroid disorder.

RwGSTROINE indicates whether the respondent reported ever being diagnosed with gastrointestinal problems, such as GERD, constipation, indigestion, piles, or peptic ulcers.

RwSKINDISE indicates whether the respondent reported ever being diagnosed with skin diseases.

RwKIDSTNE indicates whether the respondent reported ever being diagnosed with kidney stones.

RwPRSBYPE indicates whether the respondent reported ever being diagnosed with presbyopia.

RwCATRACTE indicates whether the respondent reported ever being diagnosed with cataracts.

RwGLAUCOME indicates whether the respondent reported ever being diagnosed with glaucoma.

RwMYOPIAE indicates whether the respondent reported ever being diagnosed with myopia (nearsightedness).

RwHYPRMTPE indicates whether the respondent reported ever being diagnosed with hypermetropia (farsightedness).

RwDNTLCVTE indicates whether the respondent reported ever being diagnosed with dental cavity / dental caries.

RwPERDNTLE indicates whether the respondent reported ever being diagnosed with periodontal disease, such as bleeding gums, swelling gums, and ulcers that last more than two weeks.

A code of 0 indicates that the respondent does not report ever 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 responses to RwhIBPE, RwdIABE, RwcANCRE, RwlUNGE, RwhEARTE, RwSTROKE, RwarTHRE, RwpSYCHE, RwalZDEME, RwhCHOLE, RwASTHMAE, RwCONHRTFE, RwhRTATTE, RwhRTRHME, RwoSTEOE, RwthYROIDE, RwgSTROINE, RwsKINDISE, RwkIDSTNE, RwpRSBYPE, RwcATRACTE, RwgLAUCOME, RwmYOPIAE, RwhYPRMTPE, RwdNTLCVTE, and RwpERDNTLE are assigned special missing codes .d, .r, or .m, respectively. The respondent variables are set to plain missing (.) for respondents who did not respond to this wave.

SwHIBPE, SwDIABE, SwCANCRE, SwLUNGE, SwHEARTE, SwSTROKE, SwARTHRE, SwPSYCHE, SwALZDEME, SwHCHOLE, SwASTHMAE, SwCONHRTFE, SwHRTATTE, SwHRTRHME, SwOSTEOE, SwTHYROIDE, SwGSTROINE, SwSKINDISE, SwKIDSTNE, SwPRSBYPE, SwCATRACTE, SwGLAUCOME, SwMYOPIAE, SwHYPRMTPE, SwDNTLCVTE, and SwPERDNTLE indicate whether the respondent's spouse reported ever being told by a doctor they have any of these conditions and are taken directly from the spouse's RwhIBPE, RwdIABE, RwcANCRE, RwlUNGE, RwhEARTE, RwSTROKE, RwarTHRE, RwpSYCHE, RwalZDEME, RwhCHOLE, RwASTHMAE, RwCONHRTFE, RwhRTATTE, RwhRTRHME, RwoSTEOE, RwthYROIDE, RwgSTROINE, RwsKINDISE, RwkIDSTNE, RwpRSBYPE, RwcATRACTE, RwgLAUCOME, RwmYOPIAE, RwhYPRMTPE, RwdNTLCVTE, and RwpERDNTLE respectively. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS does not include questions that indicate whether the respondent had ever been diagnosed with asthma, thyroid disorder, gastrointestinal problems, skin diseases, kidney stones, presbyopia, cataracts, glaucoma, myopia, hypermetropia, dental cavities/caries, and periodontal disease.

The HRS questionnaire asked whether the respondent had ever been diagnosed with psychological problems, memory problems, Alzheimer's disease, and dementia separately, and are coded as separate variables in the RAND HRS. However, the LASI questionnaire first asked whether the respondent had ever been diagnosed with any of these conditions in a single question. If answered yes, the respondent was asked to select which conditions the respondent has been diagnosed with. RwpSYCHE in Harmonized LASI is similar to the same variable in RAND HRS and includes psychiatric conditions. However, Alzheimer's disease and dementia are combined in Harmonized LASI in the variable RwalZDEM, while the RAND HRS codes these conditions

separately as RWMEMRYE (ever had memory problems) in Waves 4-9, and RwalZHEE (ever reported Alzheimer's) and RwdEMENE (ever reported dementia) starting in Wave 10.

LASI Variables Used

Wave 1 Core:

HT002	Ever diagnosed_hypertension
HT003	Ever diagnosed_diabetes
HT004	Ever diagnosed_chronic lung diseases
HT005	Ever diagnosed_chronic lung disease
HT005DS3	Chronic lung disease diagnosed_asthma
HT006	Ever diagnosed_chronic heart diseases
HT006A	Ever had heart attack
HT006FS3	Heart disease diagnosed_conduction disorders/arr
HT006FS4	Heart disease diagnosed_congestive heart failure
HT007	Ever diagnosed_stroke
HT008	Ever diagnosed_chronic bone/joint diseases
HT008A	Bone/joint disease diagnosed
HT008AS3	Bone/joint disease diagnosed_osteoporosis
HT009	Ever diagnosed_neurological or psychiatric probl
HT009A	Neurological or psychiatric problem diagnosed
HT010	Ever diagnosed_high cholesterol
HT011S1	Other chronic conditions diagnosed_thyroid disor
HT011S2	Other chronic conditions diagnosed_gastrointesti
HT011S3	Other chronic conditions diagnosed_skin diseases
HT012S3	Urogenital conditions diagnosed_kidney stones
HT015	Ever diagnosed_eye or vision problem
HT017S1	Eye or vision problem diagnosed_presbyopia
HT017S2	Eye or vision problem diagnosed_cataract
HT017S3	Eye or vision problem diagnosed_glaucoma
HT017S4	Eye or vision problem diagnosed_myopia
HT017S5	Eye or vision problem diagnosed_hypermetropia
HT024S2	Oral problem diagnosed_ulcers for more than two
HT024S3	Oral problem diagnosed_bleeding gums
HT024S4	Oral problem diagnosed_swelling gums
HT024S6	Oral problem diagnosed_dental cavity/dental cari

Doctor Diagnosed Health Problems: Diagnosed with Condition in the Last Two Years

Wave	Variable	Label	Type
1	R1HRTATT	rlhrtatt:w1 r had heart attack last 2 years	Categ
1	S1HRTATT	slhrtatt:w1 s had heart attack last 2 years	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HRTATT	72823	0.00	0.06	0.00	1.00
S1HRTATT	49785	0.00	0.06	0.00	1.00

Categorical Variable Codes

Value-----	R1HRTATT
.d:DK	9
.m:Missing	575
.r:Refuse	1
0.no	72594
1.yes	229
Value-----	S1HRTATT
.d:DK	4
.m:Missing	362
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.no	49628
1.yes	157

How Constructed

RwHRTATT indicates whether the respondent reported having had a heart attack in the past 2 years. A code of 0 indicates that the respondent does not report having had a heart attack in the last 2 years. A code of 1 indicates that the respondent reported having had a heart attack in the last two years. Respondents are not asked about a heart attack if they did not report ever having a heart problem. Don't know, refused, or other missing values are assigned special missing codes .d, .r, or .m, respectively. RwHRTATT is set to plain missing (.) for respondents who did not respond to the current wave.

SwHRTATT indicates whether the respondent's current wave's spouse reported having had a heart attack in the past 2 years, and is taken directly from the spouse's response to RwHRTATT. In addition to the special missing codes used in RwHRTATT, SwHRTATT 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The LASI surveys one question on whether respondents have had a heart attack in the last two years. The Harmonized HRS includes questions on whether respondents have had angina or chest pain due to their heart (RwANGIN), congestive heart failure (RwCONHRTF), shingles (RwSHINGL), and abnormal heart rhythm (RwHRTRHM) since the last interview or in the last 2 years.

LASI Variables Used

Wave 1 Core:	
HT006	Ever diagnosed_chronic heart diseases
HT006B_AGE	Age of diagnosis_heart attack
HT006G	Had heart attack in past two years

Doctor Diagnosed Health Problems: Whether Receives Treatment or Medication for Disease

Wave	Variable	Label	Type
1	R1RXHIBP	rlrxhibp:w1 r takes meds for high blood pressure	Categ
1	S1RXHIBP	slrxhibp:w1 s takes meds for high blood pressure	Categ
1	R1RXDIABO	rlrxdiabo:w1 r takes oral meds for diabetes	Categ
1	R1RXDIABO	rlrxdiabo:w1 r takes oral meds for diabetes	Categ
1	R1RXDIABI	rlrxdiabi:w1 r takes insulin for diabetes	Categ
1	S1RXDIABI	slrxdiabi:w1 s takes insulin for diabetes	Categ
1	R1RXDIAB	rlrxdiab:w1 r takes meds for diabetes	Categ
1	S1RXDIAB	slrxdiab:w1 s takes meds for diabetes	Categ
1	R1CNCRCHEM	rlcncrchem:w1 r chemotherapy cancer treatment	Categ
1	S1CNCRCHEM	slcncrchem:w1 s chemotherapy cancer treatment	Categ
1	R1CNCRSURG	rlcncrsurg:w1 r surgery cancer treatment	Categ
1	S1CNCRSURG	slcncrsurg:w1 s surgery cancer treatment	Categ
1	R1CNCRRADN	rlcncrradn:w1 r radiation cancer treatment	Categ
1	S1CNCRRADN	slcncrradn:w1 s radiation cancer treatment	Categ
1	R1CNCRMEDS	rlcncrmeds:w1 r medication cancer treatment	Categ
1	S1CNCRMEDS	slcncrmeds:w1 s medication cancer treatment	Categ
1	R1CNCROTHR	rlcncrothr:w1 r other cancer treatment	Categ
1	S1CNCROTHR	slcncrothr:w1 s other cancer treatment	Categ
1	R1RXHEART	rlrxheart:w1 r takes meds for heart problems	Categ
1	S1RXHEART	slrxheart:w1 s takes meds for heart problems	Categ
1	R1RXSTROK	rlrxstrok:w1 r takes meds for stroke	Categ
1	S1RXSTROK	slrxstrok:w1 s takes meds for stroke	Categ
1	R1RXOSTEO	rlrxosteo:w1 r takes meds for osteoporosis	Categ
1	S1RXOSTEO	slrxosteo:w1 s takes meds for osteoporosis	Categ
1	R1RXARTHR	rlrxarthr:w1 r takes meds for arthritis/rheumatism	Categ
1	S1RXARTHR	slrxarthr:w1 s takes meds for arthritis/rheumatism	Categ
1	R1RXPSYCH	rlrxpsych:w1 r takes meds for psychiatric problems	Categ
1	S1RXPSYCH	slrxpsych:w1 s takes meds for psychiatric problems	Categ
1	R1TRPSYCH	rltrpsych:w1 r receives psychological treatment	Categ

1	S1TRPSYCH	s1trpsych:w1 s receives psychological treatment	Categ
1	R1RXALZDEM	rlrxalzdem:w1 r takes meds for alzheimers/dementia	Categ
1	S1RXALZDEM	slrxalzdem:w1 s takes meds for alzheimers/dementia	Categ
1	R1TRALZDEM	rltralzdem:w1 r receives treatment for alzheimers/dementia	Categ
1	S1TRALZDEM	sltralzdem:w1 s receives treatment for alzheimers/dementia	Categ
1	R1RXHCHOL	rlrxhchol:w1 r takes meds for high cholesterol	Categ
1	S1RXHCHOL	slrxhchol:w1 s takes meds for high cholesterol	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RXHIBP	73202	0.20	0.40	0.00	1.00
S1RXHIBP	50047	0.18	0.38	0.00	1.00
R1RXDIABO	73202	0.10	0.30	0.00	1.00
R1RXDIABO	73202	0.10	0.30	0.00	1.00
R1RXDIABI	73198	0.02	0.12	0.00	1.00
S1RXDIABI	50043	0.02	0.13	0.00	1.00
R1RXDIAB	73203	0.10	0.30	0.00	1.00
S1RXDIAB	50046	0.10	0.30	0.00	1.00
R1CNCRCHEM	73212	0.00	0.05	0.00	1.00
S1CNCRCHEM	50054	0.00	0.05	0.00	1.00
R1CNCRSURG	73212	0.00	0.05	0.00	1.00
S1CNCRSURG	50054	0.00	0.05	0.00	1.00
R1CNCRRADN	73212	0.00	0.04	0.00	1.00
S1CNCRRADN	50054	0.00	0.03	0.00	1.00
R1CNCRMEDS	73212	0.00	0.04	0.00	1.00
S1CNCRMEDS	50054	0.00	0.04	0.00	1.00
R1CNCROTHR	73212	0.00	0.01	0.00	1.00
S1CNCROTHR	50054	0.00	0.01	0.00	1.00
R1RXHEART	73213	0.02	0.15	0.00	1.00
S1RXHEART	50056	0.02	0.15	0.00	1.00
R1RXSTROK	73211	0.01	0.10	0.00	1.00
S1RXSTROK	50056	0.01	0.09	0.00	1.00

R1RXOSTEO	72835	0.01	0.12	0.00	1.00
S1RXOSTEO	49837	0.01	0.11	0.00	1.00
R1RXARTHR	73075	0.06	0.23	0.00	1.00
S1RXARTHR	49985	0.05	0.22	0.00	1.00
R1RXPSYCH	73178	0.00	0.04	0.00	1.00
S1RXPSYCH	50029	0.00	0.04	0.00	1.00
R1TRPSYCH	73175	0.00	0.05	0.00	1.00
S1TRPSYCH	50028	0.00	0.04	0.00	1.00
R1RXALZDEM	73120	0.00	0.03	0.00	1.00
S1RXALZDEM	49988	0.00	0.03	0.00	1.00
R1TRALZDEM	73122	0.00	0.03	0.00	1.00
S1TRALZDEM	49990	0.00	0.03	0.00	1.00
R1RXHCHOL	73210	0.02	0.14	0.00	1.00
S1RXHCHOL	50054	0.02	0.14	0.00	1.00

Categorical Variable Codes

Value-----	R1RXHIBP
.d:DK	18
.m:Missing	188
0.no	58752
1.yes	14450

Value-----	S1RXHIBP
.d:DK	13
.m:Missing	92
.u:Unmar	16594
.v:SP NR	6662
0.no	41137
1.yes	8910

Value-----	R1RXDIABO
.d:DK	18
.m:Missing	187
.r:Refuse	1
0.no	65976
1.yes	7226

Value-----	R1RXDIABO
.d:DK	18
.m:Missing	187
.r:Refuse	1
0.no	65976
1.yes	7226

Value-----	R1RXDIABI
.d:DK	21
.m:Missing	187
.r:Refuse	2
0.no	72064
1.yes	1134

Value-----	S1RXDIABI
------------	-----------

.d:DK		15
.m:Missing		92
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
0.no		49247
1.yes		796

Value-----		R1RXDIAB
.d:DK		17
.m:Missing		187
.r:Refuse		1
0.no		65903
1.yes		7300

Value-----		S1RXDIAB
.d:DK		13
.m:Missing		92
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		45037
1.yes		5009

Value-----		R1CNCRCHEM
.d:DK		9
.m:Missing		186
.r:Refuse		1
0.no		73049
1.yes		163

Value-----		S1CNCRCHEM
.d:DK		6
.m:Missing		91
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		49940
1.yes		114

Value-----		R1CNCRSURG
.d:DK		9
.m:Missing		186
.r:Refuse		1
0.no		73008
1.yes		204

Value-----		S1CNCRSURG
.d:DK		6
.m:Missing		91
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		49926
1.yes		128

Value-----		R1CNCRRADN
.d:DK		9
.m:Missing		186
.r:Refuse		1
0.no		73117
1.yes		95

Value-----		S1CNCRRADN
.d:DK		6
.m:Missing		91
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		49997
1.yes		57

Value-----	R1CNCRMEDS
.d:DK	9
.m:Missing	186
.r:Refuse	1
0.no	73089
1.yes	123

Value-----	S1CNCRMEDS
.d:DK	6
.m:Missing	91
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.no	49978
1.yes	76

Value-----	R1CNCROTHR
.d:DK	9
.m:Missing	186
.r:Refuse	1
0.no	73208
1.yes	4

Value-----	S1CNCROTHR
.d:DK	6
.m:Missing	91
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.no	50051
1.yes	3

Value-----	R1RXHEART
.d:DK	7
.m:Missing	187
.r:Refuse	1
0.no	71425
1.yes	1788

Value-----	S1RXHEART
.d:DK	3
.m:Missing	92
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.no	48876
1.yes	1180

Value-----	R1RXSTROK
.d:DK	8
.m:Missing	188
.r:Refuse	1
0.no	72538
1.yes	673

Value-----	S1RXSTROK
.d:DK	3
.m:Missing	92
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.no	49625
1.yes	431

Value-----	R1RXOSTEO
.d:DK	38
.m:Missing	190
.r:Refuse	1
.t:meds, two conditions	344
0.no	71770

1.yes	1065
Value-----	S1RXOSTEO
.d:DK	20
.m:Missing	94
.r:Refuse	1
.t:meds, two conditions	200
.u:Unmar	16594
.v:SP NR	6662
0.no	49189
1.yes	648
Value-----	R1RXARTHR
.d:DK	37
.m:Missing	190
.r:Refuse	1
.t:meds, two conditions	105
0.no	68889
1.yes	4186
Value-----	S1RXARTHR
.d:DK	19
.m:Missing	94
.r:Refuse	1
.t:meds, two conditions	53
.u:Unmar	16594
.v:SP NR	6662
0.no	47357
1.yes	2628
Value-----	R1RXPSYCH
.d:DK	7
.m:Missing	197
.r:Refuse	2
.t:meds, two conditions	24
0.no	73033
1.yes	145
Value-----	S1RXPSYCH
.d:DK	4
.m:Missing	99
.r:Refuse	2
.t:meds, two conditions	18
.u:Unmar	16594
.v:SP NR	6662
0.no	49939
1.yes	90
Value-----	R1TRPSYCH
.d:DK	10
.m:Missing	197
.r:Refuse	2
.t:meds, two conditions	24
0.no	73022
1.yes	153
Value-----	S1TRPSYCH
.d:DK	5
.m:Missing	99
.r:Refuse	2
.t:meds, two conditions	18
.u:Unmar	16594
.v:SP NR	6662
0.no	49940
1.yes	88
Value-----	R1RXALZDEM
.d:DK	7
.m:Missing	197
.r:Refuse	2
.t:meds, two conditions	82

0.no		73059
1.yes		61
Value-----		S1RXALZDEM
.d:DK		4
.m:Missing		99
.r:Refuse		2
.t:meds, two conditions		59
.u:Unmar		16594
.v:SP NR		6662
0.no		49951
1.yes		37
Value-----		R1TRALZDEM
.d:DK		10
.m:Missing		197
.r:Refuse		2
.t:meds, two conditions		77
0.no		73060
1.yes		62
Value-----		S1TRALZDEM
.d:DK		5
.m:Missing		99
.r:Refuse		2
.t:meds, two conditions		56
.u:Unmar		16594
.v:SP NR		6662
0.no		49953
1.yes		37
Value-----		R1RXHCHOL
.d:DK		10
.m:Missing		187
.r:Refuse		1
0.no		71706
1.yes		1504
Value-----		S1RXHCHOL
.d:DK		5
.m:Missing		92
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		49048
1.yes		1006

How Constructed

Variables in this section indicate whether the respondent takes medication or receives treatment for a disease or condition. The respondent is asked about medication usage after reporting a diagnosis of the respective diseases or conditions.

RwRXHIBP indicates whether the respondent takes medication for high blood pressure.

RwRXDIABO indicates whether the respondent takes oral medication for diabetes, and RwRXDIABI indicates whether the respondent injects insulin for diabetes. RwRXDIAB indicates whether the respondent either takes oral medication or uses insulin shots for diabetes.

RwCNCRCHEM indicates whether the respondent receives chemotherapy or medication for the treatment of cancer.

RwCNCRSURG indicates whether the respondent had surgery for the treatment of cancer.

RwCNCRRADN indicates whether the respondent had radiation for the treatment of cancer.

RwCNCRMEDS indicates whether the respondent receives medications or treatments for symptoms (pain, nausea, rashes) for the treatment of cancer.

RwCNCROTHR indicates whether the respondent had another unspecified type of treatment for cancer.

RwRXHEART indicates whether the respondent takes medication for heart problems.

RwRXSTROK indicates whether the respondent takes medication for stroke.

RwRXOSTEO indicates whether the respondent is taking medication for osteoporosis.

RwRXARTHR indicates whether the respondent is taking medication for arthritis or rheumatism.

RwRXPSYCH indicates whether the respondent takes medication for a psychiatric problem, including unipolar/bipolar disorder, schizophrenia, depression, or other psychiatric problems.

RwTRPSYCH indicates whether the respondent receives treatment or therapy for a psychiatric problem, including unipolar/bipolar disorder, schizophrenia, depression, or other psychiatric problems.

RwRXALZDEM indicates whether the respondent takes medication for Alzheimer's disease or dementia.

RwTRALZDEM indicates whether the respondent receives treatment or therapy for Alzheimer's disease or dementia.

RwRXHCHOL indicates whether the respondent takes medication for high cholesterol.

For these variables, a code of 0 indicates that the respondent does not take medication for the reported disease or condition or does not have the reported disease or condition. A code of 1 indicates that the respondent takes medication for the reported disease or condition. Because the respondent is asked about taking medication for arthritis, rheumatism, osteoporosis, and other bone/joint disease/problems in the same question, RwRXOSTEO and RwRXARTHR are assigned special missing .t if the respondent reports having the specified condition and another condition asked about and taking medication for their conditions. Because the respondent is asked about taking medication and receiving treatment for depression, Alzheimer's disease or dementia, psychiatric problems, neurological problems, and other neurological or psychiatric problems in the same questions, RwRXPSYCH, RwTRPSYCH, RwRXALZDEM, and RwTRALZDEM are assigned special missing .t if the respondent reports having the specified condition and another condition and taking medication for their conditions. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwRXHIBP, RwRXDIABO, RwRXDIABI, RwRXDIAB, RWCNCRCHEM, RWCNCRSURG, RWCNCRRADN, RWCNCRMEDS, RWCNCROTHR, RwRXHEART, RwRXSTROK, RwRXOSTEO, RwRXARTHR, RwRXPSYCH, RwTRPSYCH, RwRXALZDEM, RwTRALZDEM, and RwRXHCHOL are set to plain missing (.) for respondents who did not respond to the current wave.

SWRXHIBP, SWRXDIABO, SWRXDIABI, SWRXDIAB, SwCNCRCHEM, SwCNCRSURG, SwCNCRRADN, SwCNCRMEDS, SwCNCROTHR, SwRXHEART, SwRXSTROK, SwRXOSTEO, SwRXARTHR, SwRXPSYCH, SwTRPSYCH, SwRXALZDEM, SwTRALZDEM, and SwRXHCHOL indicate whether the respondent's spouse reported taking medication or receiving treatment for the reported disease or condition and are taken directly from the spouse's RwRXHIBP, RwRXDIABO, RwRXDIABI, RwRXDIAB, RWCNCRCHEM, RWCNCRSURG, RWCNCRRADN, RWCNCRMEDS, RWCNCROTHR, RwRXHEART, RwRXSTROK, RwRXOSTEO, RwRXARTHR, SwRXPSYCH, SwTRPSYCH, SwRXALZDEM, SwTRALZDEM, and SwRXHCHOL, respectively. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes. A special missing code .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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In the HRS, respondents were asked specifically about medication use for arthritis or rheumatism, psychological problems, depression, and memory problems, recorded in RwRXARTHR, RwRXPSYCH, RwTRPSYCH, RwRXDEPRES, and RwRXMEMRY, respectively, in the Harmonized HRS. However, LASI asks one question about the medication use for four conditions: arthritis, rheumatism, osteoporosis, and other bone/joint diseases/problems. LASI also asks about the medication use and treatment/therapy for 5 conditions:

depression, Alzheimer's disease or dementia, psychiatric problems, neurological problems, and other neurological or psychiatric problems. As a result of this, RWRXOSTEO, RWRXARTHR, RWRXPSYCH, RWTRPSYCH, RWRXALZDEM, and RWTRALZDEM in the Harmonized LASI include a special missing code to indicate if the respondent was diagnosed with two of the conditions within the grouping and reports taking medication for them.

LASI Variables Used

Wave 1 Core:

HT002	Ever diagnosed_hypertension
HT002C	Currently on medication_hypertension
HT003	Ever diagnosed_diabetes
HT003C	Currently on medication_diabetes
HT003D	Currently using insulin shots/injections_diabete
HT004	Ever diagnosed_chronic lung diseases
HT004FS1	Type of cancer treatment_chemotherapy or medicat
HT004FS2	Type of cancer treatment_surgery
HT004FS3	Type of cancer treatment_radiation
HT004FS4	Type of cancer treatment_medications and treatme
HT004FS5	Type of cancer treatment_other
HT004FS6	Type of cancer treatment_none
HT006	Ever diagnosed_chronic heart diseases
HT006H	Currently on medication_heart disease
HT007	Ever diagnosed_stroke
HT007C	Currently on medication_stroke
HT008	Ever diagnosed_chronic bone/joint diseases
HT008A	Bone/joint disease diagnosed
HT008AS1	Bone/joint disease diagnosed_arthritis
HT008AS2	Bone/joint disease diagnosed_rheumatism
HT008AS3	Bone/joint disease diagnosed_osteoporosis
HT008AS4	Bone/joint disease diagnosed_other
HT008F	Currently on medication_arthritis, rheumatism or
HT009	Ever diagnosed_neurological or psychiatric probl
HT009A	Neurological or psychiatric problem diagnosed
HT009AS1	Neurological or psychiatric problem diagnosed_de
HT009AS2	Neurological or psychiatric problem diagnosed_al
HT009AS3	Neurological or psychiatric problem diagnosed_ps
HT009AS4	Neurological or psychiatric problem diagnosed_ne
HT009AS5	Neurological or psychiatric problem diagnosed_ot
HT009D	Receiving psychiatric or psychological therapy_n
HT009E	Currently on medication_neurological or psychiat
HT010	Ever diagnosed_high cholesterol
HT010C	Regularly on medication_high cholestrol

Doctor Diagnosed Health Problems: Age When Diagnosed

Wave	Variable	Label	Type
1	RADIAGHIBP	radiaghibp: r age first diagnosed with high blood pressure	Cont
1	S1DIAGHIBP	sldiaghibp:w1 s age first diagnosed with high blood pressure	Cont
1	RADIAGDIAB	radiagdiab: r age first diagnosed with diabetes	Cont
1	S1DIAGDIAB	sldiagdiab:w1 s age first diagnosed with diabetes	Cont
1	RADIAGCANCER	radiagcancer: r age first diagnosed with cancer	Cont
1	S1DIAGCANCER	sldiagcancer:w1 s age first diagnosed with cancer	Cont
1	RADIAGRESP	radiagresp: r age first diagnosed with lung disease or asthma	Cont
1	S1DIAGRESP	sldiagresp:w1 s age first diagnosed with lung disease or asthma	Cont
1	RAFRHRTATT	rafrhrtatt: r age first diagnosed with first heart attack	Cont
1	S1FRHRTATT	s1frhrtatt:w1 s age first diagnosed with first heart attack	Cont
1	RADIAGHEART	radiagheart: r age first diagnosed with heart problem	Cont
1	S1DIAGHEART	sldiagheart:w1 s age first diagnosed with heart problem	Cont
1	RADIAGSTROK	radiagstrok: r age first diagnosed with stroke	Cont
1	S1DIAGSTROK	sldiagstrok:w1 s age first diagnosed with stroke	Cont
1	RADIAGARTHR	radiagarthr: r age first diagnosed with arthritis	Cont
1	S1DIAGARTHR	sldiagarthr:w1 s age first diagnosed with arthritis	Cont
1	RADIAGOSTEO	radiagosteo: r age first diagnosed with osteoporosis	Cont
1	S1DIAGOSTEO	sldiagosteo:w1 s age first diagnosed with osteoporosis	Cont
1	RADIAGPSYCH	radiagpsych: r age first diagnosed with psychiatric problem	Cont
1	S1DIAGPSYCH	sldiagpsych:w1 s age first diagnosed with psychiatric problem	Cont
1	RADIAGALZDEM	radiagalzdem: r age first diagnosed with alzheimer's/dementia	Cont
1	S1DIAGALZDEM	sldiagalzdem:w1 s age first diagnosed with alzheimer's/dementia	Cont
1	RADIAGHCHOL	radiaghchol: r age first diagnosed with high cholesterol	Cont
1	S1DIAGHCHOL	sldiaghchol:w1 s age first diagnosed with high cholesterol	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RADIAGHIBP	20118	54.11	11.80	5.00	99.00
S1DIAGHIBP	12663	52.32	11.07	5.00	93.00
RADIAGDIAB	8805	53.89	10.90	6.00	104.00

S1DIAGDIAB	6006	52.64	10.32	6.00	89.00
RADIAGCANCER	469	52.61	13.07	9.00	86.00
S1DIAGCANCER	300	51.33	12.16	14.00	81.00
RADIAGRESP	3803	53.45	15.44	0.00	109.00
S1DIAGRESP	2438	51.57	14.81	0.00	109.00
RAFRHRTATT	1349	57.25	11.59	25.00	91.00
S1FRHRTATT	924	55.79	10.94	25.00	88.00
RADIAGHEART	2430	56.62	12.08	1.00	93.00
S1DIAGHEART	1623	55.25	11.41	12.00	93.00
RADIAGSTROK	1174	58.76	11.98	27.00	97.00
S1DIAGSTROK	753	56.78	11.22	27.00	90.00
RADIAGARTHR	8020	54.27	11.76	10.00	95.00
S1DIAGARTHR	5045	52.54	11.14	10.00	92.00
RADIAGOSTEO	2478	55.95	11.39	29.00	99.00
S1DIAGOSTEO	1527	53.63	10.66	29.00	90.00
RADIAGPSYCH	331	48.86	14.69	1.00	87.00
S1DIAGPSYCH	206	48.26	12.81	17.00	78.00
RADIAGALZDEM	167	60.90	13.46	12.00	98.00
S1DIAGALZDEM	91	57.26	13.03	12.00	93.00
RADIAGHCHOL	2397	54.04	10.34	25.00	88.00
S1DIAGHCHOL	1577	53.17	9.90	25.00	88.00

How Constructed

These variables indicate the age at which the respondent was first diagnosed with a specific condition. Respondents were asked to either provide the age or the year they were first diagnosed with a specific condition, in which the latter responses were converted to their age at diagnosis. These variables always take the first value reported.

RADIAGHIBP indicates the age at which the respondent was first diagnosed with high blood pressure.

RADIAGDIAB indicates the age at which the respondent was first diagnosed with diabetes.

RADIAGCANCER indicates the age at which the respondent was first diagnosed with cancer.

RADIAGRESP indicates the age at which the respondent was first diagnosed with a chronic lung disease, such as asthma, chronic obstructive pulmonary disease/chronic bronchitis, or other chronic lung problems.

RAFRHRTATT indicates the age at which the respondent was first diagnosed with having a heart attack.

RADIAGHEART indicates the age at which the respondent was first diagnosed with heart problems.

RADIAGSTROK indicates the age at which the respondent was first diagnosed with stroke.

RADIAGARTHR indicates the age at which the respondent was first diagnosed with arthritis or rheumatism.

RADIAGOSTEO indicates the age at which the respondent was first diagnosed with osteoporosis.

RADIAGPSYCH indicates the age at which the respondent was first diagnosed with psychiatric problems, such as unipolar/bipolar disorder, schizophrenia, or depression.

RADIAGALZDEM indicates the age at which the respondent was first diagnosed with Alzheimer's disease or dementia.

RADIAGHCHOL indicates the age at which the respondent was first diagnosed with high cholesterol.

Respondents who have never been diagnosed with the specified condition are not asked this question and are assigned a special missing code .x. Special missing .i is assigned if the age diagnosed with a specific condition is older than the respondent's age at the time of the interview. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Because the respondent is asked for the age or year they were first diagnosed for depression, Alzheimer's disease or dementia, psychiatric problems, neurological problems, and other neurological or psychiatric problems in the same questions, RwdIAGPSYCH and RwdIAGALZDEM are assigned special missing .t if the respondent reports having the specified condition and another condition and taking medication for their conditions. RADIAGHIBP, RADIAGDIAB, RADIAGCANCER, RADIAGRESP, RAFRHRTATT, RADIAGHEART, RADIAGSTROK, RADIAGARTHR, RADIAGOSTEO, RADIAGPSYCH, RADIAGALZDEM, and RADIAGHCHOL are set to plain missing (.) for respondents who did not respond to the current wave.

SwDIAGHIBP, SwDIAGDIAB, SwDIAGCANCER, SwDIAGRESP, SwFRHRTATT, SwDIAGHEART, SwDIAGSTROK, SwDIAGARTHR, SwADIAGOSTEO, SwDIAGPSYCH, SwDIAGALZDEM, and SwDIAGHCHOL indicate the age at which the respondent's current wave's spouse was first diagnosed with a specific condition, and are taken from the corresponding respondent variables. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes. A special missing code .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 note that extreme values for the age at diagnosis have been left to the discretion of the user.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS does not include questions that ask for the age at which respondents were first diagnosed with high blood pressure, cancer, lung disease including asthma, heart problem, stroke, arthritis, osteoporosis, psychiatric problems, Alzheimer's disease or dementia, and high cholesterol.

Starting in wave 10, the HRS questionnaire includes questions that ask for the age at which respondents were first diagnosed with congestive heart failure, abnormal heart rhythm, and angina, as indicated in the Harmonized HRS as RADIAGCHF, RADIAGHRTR, and RADIAGANGIN, respectively. These questions are not asked in the LASI.

Additionally, LASI asks one overall question about the age of diagnosis for chronic lung disease, including asthma, chronic obstructive pulmonary disease/chronic bronchitis, or other chronic lung problem, whereas the HRS specifically excludes asthma when describing chronic lung disease. As a result of this difference, this variable in the Harmonized LASI is called RADIAGRESP, while the variable in the Harmonized HRS is called RADIAGLUNG.

LASI Variables Used

Wave 1 Core:

HT002	Ever diagnosed_hypertension
HT002B_AGE	Age of diagnosis_hypertension

HT002B_YEAR	Year of diagnosis_hypertension
HT003	Ever diagnosed_diabetes
HT003B_AGE	Age of diagnosis_diabetes
HT003B_YEAR	Year of diagnosis_diabetes
HT004	Ever diagnosed_chronic lung diseases
HT004B_AGE	Age of diagnosis_cancer
HT004B_YEAR	Year of diagnosis_cancer
HT005	Ever diagnosed_chronic lung disease
HT005B_AGE	Age of diagnosis_chronic lung disease
HT005B_YEAR	Year of diagnosis_chronic lung disease
HT005DS3	Chronic lung disease diagnosed_asthma
HT006	Ever diagnosed_chronic heart diseases
HT006A	Ever had heart attack
HT006B_AGE	Age of diagnosis_heart attack
HT006B_YEAR	Year of diagnosis_heart attack
HT006D_AGE	Age of diagnosis_heart disease
HT006D_YEAR	Year of diagnosis_heart disease
HT007	Ever diagnosed_stroke
HT007B_AGE	Age of diagnosis_stroke
HT007B_YEAR	Year of diagnosis_stroke
HT008	Ever diagnosed_chronic bone/joint diseases
HT008AS1	Bone/joint disease diagnosed_arthritis
HT008AS2	Bone/joint disease diagnosed_rheumatism
HT008AS3	Bone/joint disease diagnosed_osteoporosis
HT008C_AGE	Age of diagnosis_arthritis or rheumatism
HT008C_YEAR	Year of diagnosis_arthritis or rheumatism
HT008E_AGE	Age of diagnosis_osteoporosis
HT008E_YEAR	Year of diagnosis_osteoporosis
HT009	Ever diagnosed_neurological or psychiatric probl
HT009AS1	Neurological or psychiatric problem diagnosed_de
HT009AS2	Neurological or psychiatric problem diagnosed_al
HT009AS3	Neurological or psychiatric problem diagnosed_ps
HT009C_AGE	Age of diagnosis_neurological or psychiatric pro
HT009C_YEAR	Year of diagnosis_neurological or psychiatric pr
HT010	Ever diagnosed_high cholesterol
HT010B_AGE	Age of diagnosis_high cholestrol
HT010B_YEAR	Year of diagnosis_high cholesterol

Vision

Wave	Variable	Label	Type
1	R1DSIGHTA	rldsighta:w1 r self-rated distance eyesight	Categ
1	S1DSIGHTA	sldsighta:w1 s self-rated distance eyesight	Categ
1	R1NSIGHTA	rlnsighta:w1 r self-rated near eyesight	Categ
1	S1NSIGHTA	slnsighta:w1 s self-rated near eyesight	Categ
1	R1GLASSES	rlglasses:w1 r wears spectacles/contact lenses	Categ
1	S1GLASSES	slglasses:w1 s wears spectacles/contact lenses	Categ
1	R1CATRCTE	rlcatrcte:w1 r ever had cataract surgery	Categ
1	S1CATRCTE	slcatrcte:w1 s ever had cataract surgery	Categ
1	R1GLAUCOMA	rlglaucoma:w1 r treated for glaucoma	Categ
1	S1GLAUCOMA	slglaucoma:w1 s treated for glaucoma	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DSIGHTA	73172	2.59	0.84	1.00	5.00
S1DSIGHTA	50034	2.53	0.82	1.00	5.00
R1NSIGHTA	73111	2.70	0.84	1.00	5.00
S1NSIGHTA	49989	2.66	0.83	1.00	5.00
R1GLASSES	73083	0.33	0.47	0.00	1.00
S1GLASSES	49999	0.33	0.47	0.00	1.00
R1CATRCTE	8187	0.77	0.42	0.00	1.00
S1CATRCTE	4460	0.77	0.42	0.00	1.00
R1GLAUCOMA	1283	0.69	0.46	0.00	1.00
S1GLAUCOMA	789	0.70	0.46	0.00	1.00

Categorical Variable Codes

Value-----	R1DSIGHTA
.d:DK	14
.m:Missing	217
.r:Refuse	5
1.Very good	5291
2.Good	30001
3.Fair	28029
4.Poor	8867
5.Very Poor	984
Value-----	S1DSIGHTA

.d:DK		7
.m:Missing		109
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
1.Very good		3944
2.Good		21746
3.Fair		18701
4.Poor		5161
5.Very Poor		482

Value-----		R1NSIGHTA
.d:DK		71
.m:Missing		217
.r:Refuse		9
1.Very good		4193
2.Good		26591
3.Fair		30341
4.Poor		10878
5.Very Poor		1108

Value-----		S1NSIGHTA
.d:DK		49
.m:Missing		109
.r:Refuse		5
.u:Unmar		16594
.v:SP NR		6662
1.Very good		3116
2.Good		19043
3.Fair		20373
4.Poor		6873
5.Very Poor		584

Value-----		R1GLASSES
.m:Missing		325
0.no		48703
1.yes		24380

Value-----		S1GLASSES
.m:Missing		153
.u:Unmar		16594
.v:SP NR		6662
0.no		33503
1.yes		16496

Value-----		R1CATRCTE
.d:DK		121
.m:Missing		244
.r:Refuse		2
.x:does not have condition		64854
0.no		1897
1.yes		6290

Value-----		S1CATRCTE
.d:DK		78
.m:Missing		126
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
.x:does not have condition		45487
0.no		1020
1.yes		3440

Value-----		R1GLAUCOMA
.d:DK		121
.m:Missing		213
.r:Refuse		2
.x:does not have condition		71789
0.no		395
1.yes		888

Value-----	S1GLAUCOMA
.d:DK	78
.m:Missing	107
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
.x:does not have condition	49177
0.no	233
1.yes	556

How Constructed

RwDSIGHTA indicates the respondent's self-rated distance vision, whether or not wearing glasses, contacts, or corrective lenses. RwnSIGHTA indicates the respondent's self-rated near vision, whether or not wearing glasses, contacts, or corrective lenses. RwDSIGHTA and RwnSIGHTA are coded as follows: 1.Very good, 2.Good, 3.Fair, 4.Poor, and 5.Very poor. Don't know, refused, or other missing responses are assigned special missing values .d, .r, or .m, respectively. RwDSIGHTA and RwnSIGHTA are set to plain missing (.) for respondents who did not participate in the current wave.

SwDSIGHTA and SwnSIGHTA indicate the self-rated distance vision and near vision, respectively, of the respondent's spouse, and are taken from RwDSIGHTA and RwnSIGHTA. In addition to the special missing codes employed by RwDSIGHTA and RwnSIGHTA, the spouse variables employ two additional special missing codes. 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.

RwGLASSES indicates whether the respondent wears spectacles or contact lenses. RwGLASSES is coded as 1 if the respondent wears glasses and is coded 0 if the respondent does not wear glasses or does not use any type of aid or supportive device to assist in activities of daily living. Don't know, refused, or other missing responses are assigned special missing values .d, .r, or .m, respectively. RwGLASSES is set to plain missing (.) for respondents who did not participate in the current wave.

SwGLASSES indicates whether the respondent's spouse wears spectacles or contact lenses, and is taken from RwGLASSES. In addition to the special missing codes employed by RwGLASSES, SwGLASSES employs two additional special missing codes. 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.

RwCATRCTE indicates whether the respondent has ever reported having treatment or surgery for cataracts. Respondents are asked if they have ever undergone any treatment or corrective surgery for an eye problem or condition, and if they have, they are asked to specify which eye problem or condition. RwCATRCTE is coded as 1 if the respondent reported ever having treatment or surgery for cataracts and 0 if the respondent reported not having treatment or surgery for cataracts. Special missing .x is assigned if the respondent did not report ever having cataracts. Don't know, refused, or other missing responses of RwCATRCTE are assigned special missing values .d, .r, or .m, respectively. RwCATRCTE is set to plain missing (.) for respondents who did not participate in the current wave.

SwCATRCTE indicates whether the respondent's spouse has ever reported having treatment or surgery for cataracts, and is taken from RwCATRCTE. In addition to the special missing codes employed by RwCATRCTE, SwCATRCTE employs two additional special missing codes. 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.

RwGLAUCOMA indicates whether the respondent has ever reported having treatment or surgery for glaucoma. Respondents are asked if they have ever undergone any treatment or corrective surgery for an eye problem or condition, and if they have, they are asked to specify which eye problem or condition. RwGLAUCOMA is coded as 1 if the respondent reported ever having treatment or surgery for glaucoma and is coded as 0 if the respondent reported not having treatment or surgery for glaucoma. Special missing .x is assigned if the respondent did not report ever having glaucoma. Don't know, refused, or other missing responses of RwGLAUCOMA are assigned special missing values .d, .r, or .m, respectively. RwGLAUCOMA is set to plain missing (.) for respondents who did not participate in the current wave.

SwGLAUCOMA indicates whether the respondent's spouse has ever reported having treatment or surgery for glaucoma, and is taken from RwGLAUCOMA. In addition to the special missing codes employed by RwGLAUCOMA,

SwGLAUCOMA employs two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwDSIGHTA and RwNSIGHTA in LASI differ from the variables RwDSIGHT and RwNSIGHT in the Harmonized HRS due to a difference in scale. In the HRS, respondents were asked to rate their distant and near vision using the following scale: excellent, very good, good, fair, poor, and blind. LASI employs a different scale: very good, good, fair, poor, and very poor.

The HRS also asks the respondent to rate their general vision, presented in RwSIGHT in the Harmonized HRS, which is not asked in LASI.

RwCATRCTE in the Harmonized HRS indicates whether the respondent has ever had surgery for cataracts, while in the Harmonized LASI, it indicates whether the respondent has ever had surgery or received treatment for cataracts. In the Harmonized HRS, RwCATRCTE also includes a special missing code if the respondent was younger than age 65 and not asked the question.

RwGLAUCOMA in the Harmonized HRS indicates whether the respondent has ever received treatment for glaucoma, while in the Harmonized LASI, it indicates whether the respondent has ever received treatment or had surgery for glaucoma.

The question about the use of spectacles or contact lenses is not asked in the HRS.

LASI Variables Used

Wave 1 Core:

HT015	Ever diagnosed_eye or vision problem
HT017S2	Eye or vision problem diagnosed_cataract
HT017S3	Eye or vision problem diagnosed_ glaucoma
HT018_OTHER	Treatment taken for specified eye condition
HT019	Eyesight for seeing things at a distance
HT020	Eyesight for seeing things up close
HT414	Assistance of supportive aids for daily life
HT416	Spectacles/contact lenses

Hearing

Wave	Variable	Label	Type
1	R1HEARAIID	rlhearaid:w1 r wears hearing aid	Categ
1	S1HEARAIID	slhearaid:w1 s wears hearing aid	Categ
1	R1HEARCNDDE	rlhearcnde:w1 r ever had hearing/ear-related problem/conditi	Categ
1	S1HEARCNDDE	slhearcnde:w1 s ever had hearing/ear-related problem/conditi	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HEARAIID	73083	0.00	0.07	0.00	1.00
S1HEARAIID	49999	0.00	0.06	0.00	1.00
R1HEARCNDDE	73190	0.07	0.25	0.00	1.00
S1HEARCNDDE	50042	0.06	0.24	0.00	1.00

Categorical Variable Codes

Value-----	R1HEARAIID
.m:Missing	325
0.no	72756
1.yes	327
Value-----	S1HEARAIID
.m:Missing	153
.u:Unmar	16594
.v:SP NR	6662
0.no	49789
1.yes	210
Value-----	R1HEARCNDDE
.d:DK	2
.m:Missing	215
.r:Refuse	1
0.no	68186
1.yes	5004
Value-----	S1HEARCNDDE
.d:DK	1
.m:Missing	109
.u:Unmar	16594
.v:SP NR	6662
0.no	47023
1.yes	3019

How Constructed

RwHEARAIID indicates whether the respondent uses a hearing aid to assist in activities of daily life. RwHEARAIID is coded as 0 if the respondent does not use hearing aids or reports not using any type of aid or supportive device to assist in activities of daily living, and coded as 1 if the respondent does use hearing aids. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwHEARAIID is set to plain missing (.) for respondents who did not participate in the current wave.

SwHEARAIID indicates whether the respondent's spouse uses a hearing aid to assist in activities of daily life, and is taken from RwHEARAIID. In addition to the special missing codes employed by RwHEARAIID, SwHEARAIID employs two additional special missing codes. 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.

RwHEARCNDI indicates whether the respondent has ever been diagnosed with any hearing or ear-related problem or condition. A code of 1 indicates that the respondent has been diagnosed with a hearing or ear-related problem or condition, and a code of 0 indicates that the respondent has not. Don't know, refused, or other missing responses are assigned special missing values .d, .r, or .m, respectively. RwHEARCNDI is set to plain missing (.) for respondents who did not participate in the current wave.

SwHEARCNDI indicates whether the respondent's spouse has ever been diagnosed with any hearing or ear-related problem or condition, and is taken from RwHEARCNDI. In addition to the special missing codes employed by RwHEARCNDI, SwHEARCNDI employs two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS asks the respondent to rate their hearing, presented in RwHEARING in the Harmonized HRS, which is not asked in LASI.

The HRS does not ask whether the respondent ever had a hearing or ear-related problem.

LASI Variables Used

Wave 1 Core:	
HT021	Ever diagnosed_hearing or ear-related problem
HT414	Assistance of supportive aids for daily life
HT415	Hearing Aid

Dental Health			
Wave	Variable	Label	Type
1	R1NOTEETH	r1noteeth:w1 r lost all teeth	Categ
1	S1NOTEETH	s1noteeth:w1 s lost all teeth	Categ
1	R1DENTURE	r1denture:w1 r wears dentures	Categ
1	S1DENTURE	s1denture:w1 s wears dentures	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1NOTEETH	73180	0.06	0.24	0.00	1.00
S1NOTEETH	50037	0.05	0.22	0.00	1.00
R1DENTURE	73083	0.03	0.17	0.00	1.00
S1DENTURE	49999	0.03	0.16	0.00	1.00

Categorical Variable Codes

Value-----	R1NOTEETH
.d:DK	4
.m:Missing	221
.r:Refuse	3
0.no	68529
1.yes	4651
Value-----	S1NOTEETH
.d:DK	3
.m:Missing	111
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.no	47561
1.yes	2476
Value-----	R1DENTURE
.m:Missing	325
0.no	71027
1.yes	2056
Value-----	S1DENTURE
.m:Missing	153
.u:Unmar	16594
.v:SP NR	6662
0.no	48746
1.yes	1253

How Constructed

RwNOTEETH indicates whether the respondent has lost all of their natural teeth. A 0 indicates that the respondent either did not lose any teeth or only lost some natural teeth. A 1 indicates that the respondent has lost all natural teeth. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwNOTEETH is set to plain missing (.) for respondents who did not participate in the current wave.

SwNOTEETH indicates whether the respondent's spouse has lost all of their natural teeth, and is taken from RwnOTEETH. In addition to the special missing codes employed by RwnOTEETH, SwNOTEETH employs two additional special missing codes. 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.

RwDENTURE indicates whether the respondent wears dentures. RwDENTURE is coded as 0 if the respondent does not wear dentures or reports not using any type of aid or supportive device to assist in the activities of daily living, and is coded as 1 if the respondent does wear dentures. Don't know, refused, or other missing values are assigned special missing .d, .r, or .m, respectively. RwDENTURE is set to plain missing (.) for respondents who did not participate in the current wave.

SwDENTURE indicates whether the respondent's spouse wears dentures, and is taken from RwDENTURE. In addition to the special missing values employed by RwDENTURE, SwDENTURE employs two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS asks respondents to answer whether they have lost all of their permanent teeth as a yes/no question. In LASI, respondents are given three answer options when asked whether they have lost some or all of their natural teeth: lost all natural teeth, lost some natural teeth, or have not lost any teeth. The HRS does not have a question on the use of dentures.

LASI Variables Used

Wave 1 Core:	
HT025	Lost natural teeth
HT417	Denture

Falls

Wave	Variable	Label	Type
1	R1FALL	r1fall:w1 r fallen down last 2 years	Categ
1	S1FALL	s1fall:w1 s fallen down last 2 years	Categ
1	R1FALLINJ	r1fallinj:w1 r injured from fall	Categ
1	S1FALLINJ	s1fallinj:w1 s injured from fall	Categ
1	R1FALLNUM	r1fallnum:w1 r number of falls	Cont
1	S1FALLNUM	s1fallnum:w1 s number of falls	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1FALL	73173	0.17	0.38	0.00	1.00
S1FALL	50036	0.16	0.37	0.00	1.00
R1FALLINJ	12672	0.69	0.46	0.00	1.00
S1FALLINJ	8033	0.68	0.47	0.00	1.00
R1FALLNUM	73148	0.32	1.01	0.00	30.00
S1FALLNUM	50021	0.28	0.94	0.00	30.00

Categorical Variable Codes

Value-----	R1FALL
.d:DK	9
.m:Missing	225
.r:Refuse	1
0.no	60501
1.yes	12672
Value-----	S1FALL
.d:DK	4
.m:Missing	112
.u:Unmar	16594
.v:SP NR	6662
0.no	42003
1.yes	8033
Value-----	R1FALLINJ
.d:DK	9
.m:Missing	225
.r:Refuse	1
.x:does not have condition	60501
0.no	3958
1.yes	8714
Value-----	S1FALLINJ
.d:DK	4
.m:Missing	112
.u:Unmar	16594
.v:SP NR	6662
.x:does not have condition	42003

0.no		2583
1.yes		5450

How Constructed

RwFALL indicates whether the respondent has fallen down in the past 2 years. RwFALL is coded as 0.No if the respondent reports no falls in the past 2 years. RwFALL is coded as 1.Yes if the respondent reports falling in the past 2 years or reports sustaining a major injury due to a fall. Don't know, refused, or other missing responses are assigned special missing values .d, .r, or .m, respectively. RwFALL is set to plain missing (.) for respondents who did not participate in this current wave.

SwFALL indicates whether the respondent's spouse has fallen down in the past 2 years, and is taken from RwFALL. In addition to the special missing codes employed by RwFALL, SwFALL employs two additional special missing codes. 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 was not interviewed.

RwFALLINJ indicates whether the respondent has ever been injured seriously enough in a fall to need medical treatment. RwFALLINJ is coded as 1 if the respondent reported falling in the last 2 years and they were injured seriously enough to need medical treatment, or if they reported sustaining a major injury as a result of a fall and received medical treatment for that injury. RwFALLINJ is coded as 0 if the respondent reported falling in the last 2 years but not being injured seriously enough to need medical treatment, or if they reported sustaining a major injury as a result of a fall but did not receive medical treatment for that injury. RwFALLINJ is assigned special missing .x if the respondent has not fallen in the past 2 years. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwFALLINJ is set to plain missing (.) for respondents who did not participate in this current wave.

SwFALLINJ indicates whether the respondent's spouse has ever been injured seriously enough in a fall to need medical treatment, and is taken from RwFALLINJ. In addition to the special missing codes employed by RwFALLINJ, SwFALLINJ employs two additional special missing codes. 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 was not interviewed.

RwFALLNUM indicates the number of times the respondent has fallen down in the last 2 years. RwFALLNUM is assigned a 0 if the respondent did not experience a fall in the previous two years or did not report having sustained a major injury due to a fall. RwFALLNUM is assigned the number of falls reported by the respondent if they reported falling in the past 2 years or sustaining a major injury as a result of a fall. Don't know, refused, or other missing responses of RwFALLNUM are assigned special missing values .d, .r, or .m, respectively. RwFALLNUM is set to plain missing (.) for respondents who did not participate in the current wave.

SwFALLNUM indicates the number of times the respondent's spouse has fallen down in the last 2 years, and is taken from RwFALLNUM. In addition to the special missing codes employed by RwFALLNUM, SwFALLNUM employs two additional special missing codes. 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 was not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In the HRS, the respondent is asked directly whether they have fallen in the past 2 years, been injured seriously enough in a fall to require medical treatment, and the number of falls. In the LASI, the respondent is first asked whether they sustained any major injury in the past 2 years, whether they received medical treatment for that injury, and the cause of that injury, of which fall is an option. If they did not report sustaining a major injury as a result of a fall, then they are asked if they have fallen in the past 2 years. If they report falling in the past 2 years or sustaining a major injury as a result of a fall, then they are asked how many times they have fallen and whether they were injured seriously enough to need medical treatment. Despite the differences in the questions asked in both

surveys, these variables in the Harmonized LASI and Harmonized HRS have been built to be as comparable as possible.

LASI Variables Used

Wave 1 Core:

HT101	Sustained major injury in past 2 years
HT102	Treatment received_major injury
HT102AS7	Cause of major injury_fall
HT103	Fallen down in last 2 years
HT103A	Number of times fallen down in last 2 years
HT103B	Serious injury due to fall that needed medical t

Sleep

Wave	Variable	Label	Type
1	R1FALLSLP	rlfallsstp:w1 r trouble falling asleep	Categ
1	S1FALLSLP	slfallsstp:w1 s trouble falling asleep	Categ
1	R1WAKENT	rlwakent:w1 r waking up during night	Categ
1	S1WAKENT	slwakent:w1 s waking up during night	Categ
1	R1WAKEUP	rlwakeup:w1 r waking up too early	Categ
1	S1WAKEUP	slwakeup:w1 s waking up too early	Categ
1	R1UNRSTD	rlunrstd:w1 r feels unrested during day	Categ
1	S1UNRSTD	slunrstd:w1 r feels unrested during day	Categ
1	R1RXSLP	rlrxslp:w1 r takes meds to sleep	Categ
1	S1RXSLP	slrxslp:w1 s takes meds to sleep	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1FALLSLP	73156	2.77	0.54	1.00	3.00
S1FALLSLP	50032	2.80	0.51	1.00	3.00
R1WAKENT	73156	2.75	0.54	1.00	3.00
S1WAKENT	50032	2.77	0.52	1.00	3.00
R1WAKEUP	73155	2.76	0.54	1.00	3.00
S1WAKEUP	50031	2.78	0.52	1.00	3.00
R1UNRSTD	73155	2.76	0.54	1.00	3.00
S1UNRSTD	50031	2.78	0.53	1.00	3.00
R1RXSLP	73153	0.02	0.16	0.00	1.00
S1RXSLP	50031	0.02	0.15	0.00	1.00

Categorical Variable Codes

Value-----	R1FALLSLP
.d:DK	3
.m:Missing	248
.r:Refuse	1
1.Frequently (5 or more nights/week)	4198
2.Occasionally (3-4 nights/week)	8091
3.Rarely or Never (0-2 nights/week)	60867
Value-----	S1FALLSLP
.m:Missing	119
.r:Refuse	1

.u:Unmar		16594
.v:SP NR		6662
1.Frequently (5 or more nights/week)		2516
2.Occasionally (3-4 nights/week)		5073
3.Rarely or Never (0-2 nights/week)		42443

Value-----		R1WAKENT
.d:DK		3
.m:Missing		248
.r:Refuse		1
1.Frequently (5 or more nights/week)		3955
2.Occasionally (3-4 nights/week)		10584
3.Rarely or Never (0-2 nights/week)		58617

Value-----		S1WAKENT
.m:Missing		119
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.Frequently (5 or more nights/week)		2422
2.Occasionally (3-4 nights/week)		6586
3.Rarely or Never (0-2 nights/week)		41024

Value-----		R1WAKEUP
.d:DK		4
.m:Missing		248
.r:Refuse		1
1.Frequently (5 or more nights/week)		3928
2.Occasionally (3-4 nights/week)		9599
3.Rarely or Never (0-2 nights/week)		59628

Value-----		S1WAKEUP
.d:DK		1
.m:Missing		119
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.Frequently (5 or more nights/week)		2418
2.Occasionally (3-4 nights/week)		5993
3.Rarely or Never (0-2 nights/week)		41620

Value-----		R1UNRSTD
.d:DK		4
.m:Missing		248
.r:Refuse		1
1.Frequently (5 or more nights/week)		4001
2.Occasionally (3-4 nights/week)		9241
3.Rarely or Never (0-2 nights/week)		59913

Value-----		S1UNRSTD
.d:DK		1
.m:Missing		119
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.Frequently (5 or more nights/week)		2579
2.Occasionally (3-4 nights/week)		5949
3.Rarely or Never (0-2 nights/week)		41503

Value-----		R1RXSLP
.d:DK		3
.m:Missing		249
.r:Refuse		3
0.no		71335
1.yes		1818

Value-----		S1RXSLP
.d:DK		1
.m:Missing		119
.r:Refuse		1
.u:Unmar		16594

.v:SP NR		6662
0.no		48899
1.yes		1132

How Constructed

RwFALLSLP, RwWAKENT, RwWAKEUP, and RwUNRSTD indicate the frequency with which the respondent experiences sleep issues. RwFALLSLP indicates how often the respondent has trouble falling asleep. RwWAKENT indicates how often the respondent wakes up during the night and has trouble getting back to sleep. RwWAKEUP indicates how often the respondent wakes up too early and is unable to go back to sleep. RwUNRSTD indicates how often the respondent feels unrested during the day, no matter how many hours of sleep they had. These variables are coded as follows: 1.Frequently (5 or more nights/week), 2.Occasionally (3-4 nights/week), or 3.Rarely or never (0-2 nights/week). These variables are assigned a code of 3 if they report never experiencing the sleep issue or experiencing it rarely (1-2 nights per week). Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. These variables are set to plain missing (.) for respondents who did not participate in the current wave.

SwFALLSLP, SwWAKENT, SwWAKEUP, and SwUNRSTD indicate the frequency with which the respondent's spouse has experienced sleep issues, and are taken from RwFALLSLP, RwWAKENT, RwWAKEUP, and RwUNRSTD. In addition to the special missing codes employed by the respondent variables, the spouse variables use two additional special missing codes. 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.

RwRXSLP indicates whether the respondent takes medication or uses other treatments to help them sleep. A 0 indicates that the respondent does not use any sleep medication or treatment and a 1 indicates that the respondent uses medication or other treatments to help them sleep. Don't know, refused, or other missing responses are coded as special missing .d, .r, or .m, respectively. RwRXSLP is set to plain missing (.) for respondents who did not participate in the current wave.

SwRXSLP indicates whether the respondent's spouse takes medication to help sleep, and is taken from RwRXSLP. In addition to the special missing codes employed by RwRXSLP, SwRXSLP employs two additional special missing codes. A special missing value .u is assigned 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS has a question that asks how often the respondent feels rested when they wake up, recorded in RwRESTED in the Harmonized HRS. However, instead of this question, LASI asks how often the respondent feels unrested during the day, recorded in RwUNRSTD in the Harmonized LASI.

In LASI, respondents were asked to answer questions about sleep issues (trouble falling asleep, waking up during the night, and waking up too early) using the following scale: never, rarely (1-2 nights/week), occasionally (3-4 nights/week), and frequently (5 or more nights/week). In the HRS, respondents were asked questions about sleep issues using the following scale: most of the time, sometimes, and rarely or never. We have assigned most of the time in the HRS and frequently in the LASI to the same code, sometimes in the HRS and occasionally in the LASI to the same code, and rarely or never in the HRS and never and rarely in the LASI to the same code to make these variables in the Harmonized HRS and Harmonized LASI as comparable as possible.

LASI Variables Used

Wave 1 Core:	
HT219	Trouble falling asleep
HT220	Wake up during the night
HT221	Wake up too early
HT222	Feeling unrested during daytime

Pain

Wave	Variable	Label	Type
1	R1PAINFR	rlpainfr:w1 r frequent problems with pain	Categ
1	S1PAINFR	slpainfr:w1 s frequent problems with pain	Categ
1	R1PAINFRQ	rlpainfrq:w1 r frequency experiences pain	Categ
1	S1PAINFRQ	slpainfrq:w1 s frequency experiences pain	Categ
1	R1PAINA	rlpaina:w1 r pain interferes with normal activities	Categ
1	S1PAINA	slpaina:w1 s pain interferes with normal activities	Categ
1	R1RXPAIN	rlrxpain:w1 r takes meds for pain	Categ
1	S1RXPAIN	slrxpain:w1 s takes meds for pain	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PAINFR	73146	0.36	0.48	0.00	1.00
S1PAINFR	50027	0.35	0.48	0.00	1.00
R1PAINFRQ	26384	1.97	0.77	1.00	3.00
S1PAINFRQ	17393	2.00	0.77	1.00	3.00
R1PAINA	26384	0.64	0.48	0.00	1.00
S1PAINA	17392	0.63	0.48	0.00	1.00
R1RXPAIN	73144	0.13	0.34	0.00	1.00
S1RXPAIN	50026	0.12	0.33	0.00	1.00

Categorical Variable Codes

Value-----	R1PAINFR
.d:DK	9
.m:Missing	250
.r:Refuse	3
0.no	46759
1.yes	26387
Value-----	S1PAINFR
.d:DK	4
.m:Missing	120
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.no	32633
1.yes	17394
Value-----	R1PAINFRQ
.d:DK	11
.m:Missing	250
.r:Refuse	4

.x:does not have condition		46759
1.Frequently (5 or more days per week)		8178
2.Occasionally (3-4 days per week)		10724
3.Rarely (1-2 days per week)		7482

Value-----		S1PAINFRQ
.d:DK		5
.m:Missing		120
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
.x:does not have condition		32633
1.Frequently (5 or more days per week)		5181
2.Occasionally (3-4 days per week)		7043
3.Rarely (1-2 days per week)		5169

Value-----		R1PAINA
.d:DK		10
.m:Missing		251
.r:Refuse		5
.x:does not have condition		46758
0.no		9497
1.yes		16887

Value-----		S1PAINA
.d:DK		5
.m:Missing		120
.r:Refuse		3
.u:Unmar		16594
.v:SP NR		6662
.x:does not have condition		32632
0.no		6473
1.yes		10919

Value-----		R1RXPAIN
.d:DK		10
.m:Missing		251
.r:Refuse		3
0.no		63717
1.yes		9427

Value-----		S1RXPAIN
.d:DK		5
.m:Missing		120
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		43841
1.yes		6185

How Constructed

RwPAINFR indicates whether the respondent is often troubled with pain. A code of 0 indicates that the respondent is not often troubled with pain, and a code of 1 indicates that the respondent is often troubled with pain.

RwPAINFRQ indicates the frequency that the respondent experiences pain. RwPAINFRQ is coded as follows: 1.Frequently (5 or more days per week), 2.Occasionally (3-4 days per week), and 3.Rarely (1-2 days per week).

RwPAINA indicates whether the respondent's pain interferes with their usual activities, such as household chores or work. A 0 indicates that the pain does not interfere with usual activities, and a 1 indicates that the pain does interfere with the respondent's usual activities.

Don't know, refused, or other missing responses to RwPAINFR, RwPAINFRQ, and RwPAINA are assigned special missing codes .d, .r, or .m, respectively. If the respondent is not often troubled with pain, RwPAINFRQ and RwPAINA are assigned special missing code .x. RwPAINFR, RwPAINFRQ, and RwPAINA are set to plain missing (.) for respondents who did not respond to this wave.

SwPAINFR, SwPAINFRQ, and SwPAINA indicate the respondent's spouse's experience with pain, and are taken from RwPAINFR, RwPAINFRQ, and RwPAINA, respectively. In addition to the special missing codes employed by RwPAINFR, RwPAINFRQ, and RwPAINA, the spouse variables employ two additional special missing codes. 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.

RwRXPAIN indicates whether the respondent takes medication (analgesics), either oral or injectable, for pain relief. A 0 indicates that the respondent does not take any pain medication, and a 1 indicates that the respondent takes pain medication. Those who report not being troubled by pain often are given a value of 0. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwrRXPAIN is set to plain missing (.) for respondents who did not participate in the current wave.

SwRXPAIN indicates whether the respondent's spouse takes medication for pain, and is taken from RwrRXPAIN. In addition to the special missing codes employed by RwrRXPAIN, SwRXPAIN employs two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwRXPAIN in the Harmonized HRS indicates whether the respondent specially takes prescription medication for pain, while RwrRXPAIN in the Harmonized LASI indicates whether the respondent takes analgesics, either oral or injectable, for pain relief.

The HRS does not ask about how frequent the respondent experiences pain, which is recorded in the Harmonized LASI as RwPAINFRQ.

LASI Variables Used

Wave 1 Core:	
HT225	Trouble with pain
HT226	Pain frequency
HT227S1	Medication for pain relief_analgesics
HT227S4	Medication for pain relief_none
HT228	Difficulty in usual activities during pain

Urinary Incontinence

Wave	Variable	Label	Type
1	R1URINAE	rlurinae:w1 r ever diagnosed with urinary incontinence	Categ
1	S1URINAE	slurinae:w1 s ever diagnosed with urinary incontinence	Categ
1	R1URINCGH_L	rlurincgh_l:w1 r leaks urine when coughing	Categ
1	S1URINCGH_L	slurincgh_l:w1 s leaks urine when coughing	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1URINAE	73190	0.03	0.16	0.00	1.00
S1URINAE	50047	0.02	0.15	0.00	1.00
R1URINCGH_L	72430	0.07	0.26	0.00	1.00
S1URINCGH_L	49725	0.06	0.24	0.00	1.00

Categorical Variable Codes

Value-----	R1URINAE
.d:DK	16
.m:Missing	197
.r:Refuse	5
0.no	71304
1.yes	1886
Value-----	S1URINAE
.d:DK	7
.m:Missing	97
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.no	48891
1.yes	1156
Value-----	R1URINCGH_L
.d:DK	61
.m:Missing	915
.r:Refuse	2
0.no	67153
1.yes	5277
Value-----	S1URINCGH_L
.d:DK	39
.m:Missing	388
.u:Unmar	16594
.v:SP NR	6662
0.no	46681
1.yes	3044

How Constructed

RwURINAE indicates whether the respondent has ever been diagnosed with urinary incontinence. A 1 indicates that the respondent has been diagnosed with urinary incontinence and a 0 indicates that the respondent has not. Don't know, refused, or other missing responses are assigned special missing values

.d, .r, or .m, respectively. RwURINAE is set to plain missing (.) for respondents who did not participate in the current wave.

SwURINAE indicates whether the respondent's spouse has ever been diagnosed with urinary incontinence, and is taken from RwURINAE. In addition to the special missing codes employed by RwURINAE, SwURINAE employs two additional special missing codes. 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.

RwURINCGH_L indicates whether the respondent has ever passed urine while sneezing, coughing, laughing, or lifting heavy objects. A 1 indicates that the respondent has passed urine while sneezing, coughing, laughing, or lifting heavy objects and a 0 indicates that the respondent has not. Don't know, refused, or other missing responses are assigned special missing values .d, .r, or .m, respectively. RwURINCGH_L is set to plain missing (.) for respondents who did not participate in the current wave.

SwURINCGH_L indicates whether the respondent's spouse has ever passed urine while sneezing, coughing, laughing, or lifting heavy objects, and is taken from RwURINCGH_L. In addition to the special missing codes employed by RwURINCGH_L, SwURINCGH_L employs two additional missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In the HRS, the respondent is asked if they have experienced any urinary incontinence in the past 12 months, recorded in RwURINAI in the Harmonized HRS. In the LASI, the respondent is asked if they have ever been diagnosed with incontinence, recorded in RwURINAE in the Harmonized LASI. As a result of these differences in question wording, these variables have different names to indicate that they are not strictly comparable.

The HRS asks how frequently the respondent leaks urine during activities and has three possible answer choices: most of the time, some of the time, and rarely or never, recorded in RwURINCGH in the Harmonized HRS. LASI asks whether respondents have passed urine during activities as a yes/no question, recorded in RwURINCGH_L in the Harmonized LASI.

As a result of these differences in scale, this variable in the Harmonized LASI adds "_L" at the end of the variable name to indicate that RwURINCGH_L is not strictly comparable to the variable found in the Harmonized HRS.

LASI Variables Used

Wave 1 Core:	
HT012S2	Urogenital conditions diagnosed_incontinence
HT014	Pass urine during various activities

Persistent Health Problems

Wave	Variable	Label	Type
1	R1SWELL	rlswell:w1 r persistent swelling in feet/ankles	Categ
1	S1SWELL	slswell:w1 s persistent swelling in feet/ankles	Categ
1	R1BREATH	rlbreath:w1 r short of breath while awake	Categ
1	S1BREATH	slbreath:w1 s short of breath while awake	Categ
1	R1DIZZY	rldizzy:w1 r persistent dizziness	Categ
1	S1DIZZY	sldizzy:w1 s persistent dizziness	Categ
1	R1BACKP	rlbackp:w1 r back pain	Categ
1	S1BACKP	slbackp:w1 s back pain	Categ
1	R1HEADACHE	rlheadache:w1 r persistent headaches	Categ
1	S1HEADACHE	slheadache:w1 s persistent headaches	Categ
1	R1FATIGUE	rlfatigue:w1 r severe fatigue	Categ
1	S1FATIGUE	slfatigue:w1 s severe fatigue	Categ
1	R1WHEEZE	rlwheeze:w1 r persistent wheezing	Categ
1	S1WHEEZE	slwheeze:w1 s persistent wheezing	Categ
1	R1JOINTP	rljointp:w1 r joint pain or stiffness	Categ
1	S1JOINTP	sljointp:w1 s joint pain or stiffness	Categ
1	R1COUGH	rlcough:w1 r cough with or without phlegm	Categ
1	S1COUGH	slcough:w1 s cough with or without phlegm	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SWELL	72898	0.17	0.37	0.00	1.00
S1SWELL	49845	0.16	0.36	0.00	1.00
R1BREATH	72898	0.06	0.24	0.00	1.00
S1BREATH	49845	0.06	0.23	0.00	1.00
R1DIZZY	72898	0.13	0.34	0.00	1.00
S1DIZZY	49845	0.13	0.33	0.00	1.00
R1BACKP	72898	0.34	0.47	0.00	1.00
S1BACKP	49845	0.33	0.47	0.00	1.00
R1HEADACHE	72898	0.13	0.34	0.00	1.00

S1HEADACHE	49845	0.12	0.33	0.00	1.00
R1FATIGUE	72898	0.19	0.39	0.00	1.00
S1FATIGUE	49845	0.18	0.39	0.00	1.00
R1WHEEZE	72898	0.05	0.21	0.00	1.00
S1WHEEZE	49845	0.05	0.21	0.00	1.00
R1JOINTP	72898	0.45	0.50	0.00	1.00
S1JOINTP	49845	0.43	0.50	0.00	1.00
R1COUGH	72898	0.10	0.30	0.00	1.00
S1COUGH	49845	0.09	0.29	0.00	1.00

Categorical Variable Codes

Value-----	R1SWELL
.d:DK	9
.m:Missing	499
.r:Refuse	2
0.no	60664
1.yes	12234

Value-----	S1SWELL
.d:DK	4
.m:Missing	303
.u:Unmar	16594
.v:SP NR	6662
0.no	42019
1.yes	7826

Value-----	R1BREATH
.d:DK	9
.m:Missing	499
.r:Refuse	2
0.no	68231
1.yes	4667

Value-----	S1BREATH
.d:DK	4
.m:Missing	303
.u:Unmar	16594
.v:SP NR	6662
0.no	46924
1.yes	2921

Value-----	R1DIZZY
.d:DK	9
.m:Missing	499
.r:Refuse	2
0.no	63234
1.yes	9664

Value-----	S1DIZZY
.d:DK	4
.m:Missing	303
.u:Unmar	16594
.v:SP NR	6662
0.no	43488
1.yes	6357

Value-----	R1BACKP
------------	---------

.d:DK		9
.m:Missing		499
.r:Refuse		2
0.no		47913
1.yes		24985

Value-----		S1BACKP
.d:DK		4
.m:Missing		303
.u:Unmar		16594
.v:SP NR		6662
0.no		33305
1.yes		16540

Value-----		R1HEADACHE
.d:DK		9
.m:Missing		499
.r:Refuse		2
0.no		63495
1.yes		9403

Value-----		S1HEADACHE
.d:DK		4
.m:Missing		303
.u:Unmar		16594
.v:SP NR		6662
0.no		43657
1.yes		6188

Value-----		R1FATIGUE
.d:DK		9
.m:Missing		499
.r:Refuse		2
0.no		58936
1.yes		13962

Value-----		S1FATIGUE
.d:DK		4
.m:Missing		303
.u:Unmar		16594
.v:SP NR		6662
0.no		40793
1.yes		9052

Value-----		R1WHEEZE
.d:DK		9
.m:Missing		499
.r:Refuse		2
0.no		69375
1.yes		3523

Value-----		S1WHEEZE
.d:DK		4
.m:Missing		303
.u:Unmar		16594
.v:SP NR		6662
0.no		47587
1.yes		2258

Value-----		R1JOINTP
.d:DK		9
.m:Missing		499
.r:Refuse		2
0.no		39883
1.yes		33015

Value-----		S1JOINTP
.d:DK		4
.m:Missing		303
.u:Unmar		16594
.v:SP NR		6662

0.no		28293
1.yes		21552
Value-----		R1COUGH
.d:DK		9
.m:Missing		499
.r:Refuse		2
0.no		65805
1.yes		7093
Value-----		S1COUGH
.d:DK		4
.m:Missing		303
.u:Unmar		16594
.v:SP NR		6662
0.no		45149
1.yes		4696

How Constructed

RwSWELL, RwBREATH, RwDIZZY, RwBACKP, RwHEADACHE, RwFATIGUE, RwWHEEZE, RwJOINTP, and RwCOUGH indicate whether the respondent has experienced any persistent or troublesome problems in the past two years. RwSWELL indicates whether the respondent has experienced persistent swelling in their feet or ankles. RwBREATH indicates whether the respondent has experienced shortness of breath while awake. RwDIZZY indicates whether the respondent has experienced persistent dizziness or light headedness. RwBACKP indicates whether the respondent has experienced back pain or problems. RwHEADACHE indicates whether the respondent has experienced persistent headaches. RwFATIGUE indicates whether the respondent has experienced severe fatigue or exhaustion. RwWHEEZE indicates whether the respondent has experienced wheezing or whistling sound from the chest. RwJOINTP indicates whether the respondent has experienced pain or stiffness in their joints. RwCOUGH indicates whether the respondent has experienced cough with or without phlegm. A code of 0 indicates the respondent does not report having any of the persistent or troublesome problems in the past two years. A code of 1 indicates that the respondent reports having experienced the listed persistent health problem in the past two years. Don't know, refused, or other missing responses to RwSWELL, RwBREATH, RwDIZZY, RwBACKP, RwHEADACHE, RwFATIGUE, RwWHEEZE, RwJOINTP, and RwCOUGH are assigned special missing codes .d, .r, or .m, respectively. These variables are set to plain missing (.) for respondents who did not respond to the current wave.

SwSWELL, SwBREATH, SwDIZZY, SwBACKP, SwHEADACHE, SwFATIGUE, SwWHEEZE, SwJOINTP, and SwCOUGH indicate whether the respondent's current wave's spouse has experienced any persistent or trouble problems in the past two years, and their values are taken from RwSWELL, RwBREATH, RwDIZZY, RwBACKP, RwHEADACHE, RwFATIGUE, RwWHEEZE, RwJOINTP, and RwCOUGH, respectively. In addition to the special missing codes employed by the respondent variables, the spouse variables 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS asks questions about persistent health problems starting in wave 3.

Unlike the HRS, which asks whether the respondent has experienced persistent wheezing, cough, or bringing up phlegm in one question, recorded in RwWHEEZE in the Harmonized HRS, the LASI asks two separate questions, one on whether the respondent has experienced wheezing or whistling sound from the chest and one on whether the respondent has experienced cough with or without phlegm, recorded in RwWHEEZE and RwCOUGH in the Harmonized LASI, respectively. The HRS does not ask whether the respondent has experienced pain or stiffness in their joints, recorded as RwJOINTP in the Harmonized LASI.

LASI Variables Used

Wave 1 Core:

HT229S1	Troublesome problems in past two years_pain and
HT229S10	Troublesome problems in past two years_none
HT229S2	Troublesome problems in past two years_persisten
HT229S3	Troublesome problems in past two years_shortness
HT229S4	Troublesome problems in past two years_persisten
HT229S5	Troublesome problems in past two years_back pain
HT229S6	Troublesome problems in past two years_persisten
HT229S7	Troublesome problems in past two years_severe fa
HT229S8	Troublesome problems in past two years_wheezing
HT229S9	Troublesome problems in past two years_cough wit

Women's Health

Wave	Variable	Label	Type
1	R1HYSTERE	rlhystere:w1 r ever had hysterectomy	Categ
1	S1HYSTERE	slhystere:w1 s ever had hysterectomy	Categ
1	R1LSTMNSPD_L	r1lstmnspd_l:w1 r age of most recent menstrual cycle	Cont
1	S1LSTMNSPD_L	s1lstmnspd_l:w1 s age of most recent menstrual cycle	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HYSTERE	42082	0.10	0.30	0.00	1.00
S1HYSTERE	24994	0.10	0.31	0.00	1.00
R1LSTMNSPD_L	38629	44.41	7.78	1.00	79.00
S1LSTMNSPD_L	23424	44.04	7.54	1.00	74.00

Categorical Variable Codes

Value-----	R1HYSTERE
.d:DK	33
.g:not asked-gender	31136
.m:Missing	148
.r:Refuse	9
0.no	37899
1.yes	4183

Value-----	S1HYSTERE
.d:DK	9
.g:not asked-gender	25090
.m:Missing	55
.r:Refuse	4
.u:Unmar	16594
.v:SP NR	6662
0.no	22379
1.yes	2615

How Constructed

RwHYSTERE indicates whether the respondent has ever had a hysterectomy, or an operation to remove their uterus. A value of 1 indicates that the respondent has had a hysterectomy and a value of 0 indicates that the respondent has not. Respondents who are men are not asked this question and are assigned special missing code .g. Don't know, refused, or other missing responses of RwHYSTERE are assigned special missing .d, .r, or .m, respectively. RwHYSTERE is set to plain missing (.) for respondents who did not participate in the current wave.

SwHYSTERE indicates whether the respondent's current wave's spouse has ever had a hysterectomy, and its values are taken from RwHYSTERE. In addition to the special missing codes employed by RwHYSTERE, SwHYSTERE employs two additional special missing codes. 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.

RwLSTMNSPD_L indicates the age at which the respondent had their most recent menstrual bleeding/period. Respondents report the year they had their last menstrual cycle, and the respondent's birth year is subtracted from this value to obtain the age at which the respondent had their last menstrual cycle.

Respondents who are men are not asked this question and are assigned special missing code .g. If the calculated age the respondent last had their menstrual cycle takes a value of less than 1 or if the age the respondent last had their menstrual cycle is older than the respondent's age at the time of the interview, then RwLSTMNSPD_L is assigned special missing value .i. Don't know, refused, or other missing responses for RwLSTMNSPD_L are assigned special missing codes .d, .r, or .m, respectively. RwLSTMNSPD_L is set to plain missing (.) for respondents who did not respond to the current wave.

SwLSTMNSPD_L indicates the age at which the respondent's current wave's spouse had their most recent menstrual bleeding/period, and its values are taken from RwLSTMNSPD_L. In addition to the special missing codes used in RwLSTMNSPD_L, SwLSTMNSPD_L employs two additional special missing codes. 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 extreme values for the age of most recent menstrual bleeding/period have been left to the discretion of the user.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In the HRS, questions about a hysterectomy begin in wave 9. Starting in wave 10 and continuing in the even numbered waves, previously interviewed respondents are not asked this question and are assigned special missing .s in RwhYSTERE in the Harmonized HRS.

RwLSTMNSPD in the Harmonized HRS indicates the respondent's age at their last menstrual cycle as an indicator of menopause, and those respondents who still have their menstrual cycle are assigned a special missing value. RwLSTMNSPD_L in the Harmonized LASI indicates the respondent's age at their most recent menstrual cycle but does not distinguish between those who have stopped having a menstrual cycle due to menopause and those who continue to have their menstrual cycle. The Harmonized LASI variable includes the "_L" because of these differences.

LASI does not ask for the stage of menopause respondents who are women believe they are in, which is recorded as RwmENOPE in the Harmonized HRS.

LASI Variables Used

Wave 1 Core:	
DM003	Sex of Respondent
HT236_YEAR	Last menstrual period_year
HT239	Undergone hysterectomy

Health Behaviors: Preventive Behaviors

Wave	Variable	Label	Type
1	R1MAMMOG	rlmammog:w1 r prev mammogram in the last 2 years	Categ
1	S1MAMMOG	slmammog:w1 s prev mammogram in the last 2 years	Categ
1	R1PAPSM	rlpapsm:w1 r prev PAP smear test in the last 2 years	Categ
1	S1PAPSM	slpapsm:w1 s prev PAP smear test in the last 2 years	Categ
1	R1FLUSHTE	rlflushte:w1 r ever received flu shot	Categ
1	S1FLUSHTE	slflushte:w1 s ever received flu shot	Categ
1	R1CHOLST	rlcholst:w1 r prev cholesterol blood test in the last 2 year	Categ
1	S1CHOLST	slcholst:w1 s prev cholesterol blood test in the last 2 year	Categ
1	R1PNEUSHTE	rlpneushte:w1 r ever received pneumococcal vaccine	Categ
1	S1PNEUSHTE	slpneushte:w1 s ever received pneumococcal vaccine	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MAMMOG	42077	0.01	0.11	0.00	1.00
S1MAMMOG	24989	0.01	0.11	0.00	1.00
R1PAPSM	42082	0.01	0.11	0.00	1.00
S1PAPSM	24993	0.01	0.12	0.00	1.00
R1FLUSHTE	72471	0.02	0.14	0.00	1.00
S1FLUSHTE	49574	0.02	0.14	0.00	1.00
R1CHOLST	73183	0.13	0.33	0.00	1.00
S1CHOLST	50040	0.13	0.33	0.00	1.00
R1PNEUSHTE	72471	0.01	0.09	0.00	1.00
S1PNEUSHTE	49574	0.01	0.09	0.00	1.00

Categorical Variable Codes

Value-----	R1MAMMOG
.d:DK	46
.m:Missing	146
.r:Refuse	3
.s:Skipped (gender)	31136
0.No	41555
1.Yes	522
Value-----	S1MAMMOG
.d:DK	17
.m:Missing	55

.r:Refuse		1
.s:Skipped (gender)		25090
.u:Unmar		16594
.v:SP NR		6662
0.No		24659
1.Yes		330
Value-----		R1PAPSM
.d:DK		42
.m:Missing		144
.r:Refuse		4
.s:Skipped (gender)		31136
0.No		41529
1.Yes		553
Value-----		S1PAPSM
.d:DK		14
.m:Missing		54
.r:Refuse		1
.s:Skipped (gender)		25090
.u:Unmar		16594
.v:SP NR		6662
0.No		24624
1.Yes		369
Value-----		R1FLUSHTE
.d:DK		477
.m:Missing		457
.r:Refuse		3
0.No		71040
1.Yes		1431
Value-----		S1FLUSHTE
.d:DK		304
.m:Missing		272
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
0.No		48618
1.Yes		956
Value-----		R1CHOLST
.d:DK		31
.m:Missing		192
.r:Refuse		2
0.No		63973
1.Yes		9210
Value-----		S1CHOLST
.d:DK		18
.m:Missing		93
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.No		43748
1.Yes		6292
Value-----		R1PNEUSHTE
.d:DK		477
.m:Missing		457
.r:Refuse		3
0.No		71844
1.Yes		627
Value-----		S1PNEUSHTE
.d:DK		304
.m:Missing		272
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
0.No		49159

How Constructed

RwMAMMOG, RwPAPSM, RwFLUSHTE, RwCHOLST, and RwpNEUSHTE indicate whether the respondent reports preventive health tests and procedures. RwMAMMOG indicates whether the respondent reports having a mammogram in the last two years (x-ray of the breast). RwPAPSM indicates whether the respondent reports having a pap smear test in the last two years. RwFLUSHTE indicates whether the respondent reports ever having an influenza immunization shot. RwCHOLST indicates whether the respondent reports having a blood test for cholesterol in the last two years. RwpNEUSHTE indicates whether the respondent reports ever having a pneumococcal vaccine. Only respondents who are women are asked about mammograms and pap smear tests, as such, respondents who are men are assigned special missing .s for RwMAMMOG and RwPAPSM. These variables are coded as 0 if they have not had the preventive health test and are coded as 1 if they have had the preventive health test. Don't know, refused, and other missing responses to RwMAMMOG, RwPAPSM, RwFLUSHTE, RwCHOLST, and RwpNEUSHTE are coded as .d, .r, or .m, respectively. RwMAMMOG, RwPAPSM, RwFLUSHTE, RwCHOLST, and RwpNEUSHTE are set to blank missing (.) if the respondent did not participate in the current wave.

SwMAMMOG, SwPAPSM, SwFLUSHTE, SwCHOLST, and SwPNEUSHTE 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, RwPAPSM, RwFLUSHTE, RwCHOLST, and RwpNEUSHTE. In addition to the special missing codes used in RwMAMMOG, RwPAPSM, RwFLUSHTE, RwCHOLST, and RwpNEUSHTE, the spouse variables 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, which asks if the respondent has had an influenza vaccination in the last two years, recorded in RwFLUSHT in the RAND HRS, LASI asks the respondent if they have ever had an influenza vaccination, recorded in RwFLUSHTE in the Harmonized LASI.

Starting in wave 11, the HRS asks the respondent if they have ever had the pneumonia vaccination, recorded in RwpNEUSHTE in the Harmonized HRS, which is comparable to RwpNEUSHTE in the Harmonized LASI.

LASI Variables Used

Wave 1 Core:	
HT010D	Cholestrol test in past two years
HT211S1	Immunization for adults_Influenza vaccine
HT211S2	Immunization for adults_Pneumococcal vaccine
HT211S7	Immunization for adults_none
HT241	Pap smear test in past 2 years
HT242	Mammogram in past 2 years

Health Behaviors: Physical Activity or Exercise

Wave	Variable	Label	Type
1	R1VGACTX	rlvgactx:w1 r frequency of vigorous physical activity	Categ
1	S1VGACTX	slvgactx:w1 s frequency of vigorous physical activity	Categ
1	R1MDACTX	rlmdactx:w1 r frequency of moderate physical activity	Categ
1	S1MDACTX	slmdactx:w1 s frequency of moderate physical activity	Categ
1	R1YOGAX	rlvogax:w1 r frequency of yoga/meditation	Categ
1	S1YOGAX	slvogax:w1 s frequency of yoga/meditation	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1VGACTX	72752	3.72	1.73	1.00	5.00
S1VGACTX	49847	3.56	1.77	1.00	5.00
R1MDACTX	72765	2.44	1.81	1.00	5.00
S1MDACTX	49856	2.40	1.79	1.00	5.00
R1YOGAX	72728	4.49	1.27	1.00	5.00
S1YOGAX	49833	4.47	1.30	1.00	5.00

Categorical Variable Codes

Value-----	R1VGACTX
.d:DK	21
.m:Missing	623
.r:Refuse	12
1.everyday	17306
2.more than once a week	5042
3.once a week	2650
4.one to three times a month	3631
5.hardly ever or never	44123
Value-----	S1VGACTX
.d:DK	11
.m:Missing	286
.r:Refuse	8
.u:Unmar	16594
.v:SP NR	6662
1.everyday	13363
2.more than once a week	3854
3.once a week	1936
4.one to three times a month	2656
5.hardly ever or never	28038
Value-----	R1MDACTX
.d:DK	12
.m:Missing	620
.r:Refuse	11
1.everyday	41201
2.more than once a week	4688
3.once a week	2701

4.one to three times a month		2044
5.hardly ever or never		22131

Value-----		S1MDACTX
.d:DK		6
.m:Missing		284
.r:Refuse		6
.u:Unmar		16594
.v:SP NR		6662
1.everyday		28685
2.more than once a week		3288
3.once a week		1893
4.one to three times a month		1450
5.hardly ever or never		14540

Value-----		R1YOGAX
.d:DK		48
.m:Missing		622
.r:Refuse		10
1.everyday		7478
2.more than once a week		1286
3.once a week		988
4.one to three times a month		1043
5.hardly ever or never		61933

Value-----		S1YOGAX
.d:DK		29
.m:Missing		284
.r:Refuse		6
.u:Unmar		16594
.v:SP NR		6662
1.everyday		5338
2.more than once a week		960
3.once a week		720
4.one to three times a month		776
5.hardly ever or never		42039

How Constructed

RwVGACTX and RwMDACTX indicate the frequency of the respondent's vigorous and moderately energetic activity, respectively. RwVGACTX and RwMDACTX are coded as follows: 1.everyday, 2.more than once a week, 3.once a week, 4.one to three times a month, 5.hardly ever or never. Vigorous activities include running or jogging, swimming, going to a health center or gym, cycling, digging with a spade or shovel, heavy lifting, chopping, farm work, fast bicycling, or cycling with loads. Moderately energetic activities include cleaning house, washing clothes by hand, fetching water or wood, drawing water from a well, gardening, bicycling at a regular pace, walking at a moderate pace, dancing, or floor or stretching exercises. Don't know, refused, or other missing responses to these questions are assigned special missing codes .d, .r, or .m, respectively. RwVGACTX, RwMDACTX, and RwYOGAX are set to plain missing (.) for respondents who did not respond to this wave.

SwVGACTX and SwMDACTX indicate the respondent's spouse's frequency of vigorous and moderate physical activity and are taken directly from the spouse's responses to RwVGACTX and RwMDACTX. In addition to the special missing codes employed by RwVGACTX and RwMDACTX, SwVGACTX and SwMDACTX employ two additional 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.

RwYOGAX indicates how frequently the respondent engages in yoga, meditation, asana, pranayama or similar activities. RwYOGAX is coded as follows: 1.everyday, 2.more than once a week, 3.once a week, 4.one to three times a month, 5.hardly ever or never. Don't know, refused, or other missing responses to these questions are assigned special missing codes .d, .r, or .m, respectively. RwYOGAX is set to plain missing (.) for respondents who did not respond to this wave.

SwYOGAX indicates the respondent's spouse's frequency of yoga/meditation and is taken directly from the spouse's responses to RwYOGAX. In addition to the special missing codes employed by RwYOGAX, SwYOGAX employs two additional 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS asks the frequency and time of physical activity or exercise in last 12 months. Unlike the HRS, the LASI asks how frequently the respondent takes part in vigorous and moderate physical activity involved in their daily life.

The HRS also asks respondents how frequently they participate in mildly energetic activities, such as vacuuming, laundry, home repairs, recorded in RwlTACTX in the RAND HRS. Unlike the HRS, LASI asks about how frequently the respondent engages in yoga, meditation, asana, pranayama or similar, recorded in RwyOGAX in the Harmonized LASI.

LASI Variables Used

Wave 1 Core:	
HB211	Engage in vigorous activities
HB213	Engage in moderate energetic activities
HB215	Involvement in activities like yoga, meditation,

Health Behaviors: Drinking

Wave	Variable	Label	Type
1	R1DRINKEV	r1drinkev:w1 r ever drank any alcohol	Categ
1	S1DRINKEV	s1drinkev:w1 s ever drank any alcohol	Categ
1	R1DRINK3M	r1drink3m:w1 r drinks any alcohol last 3 months	Categ
1	S1DRINK3M	s1drink3m:w1 s drinks any alcohol last 3 months	Categ
1	R1DRINKX_L	r1drinkx_l:w1 r frequency of drinking in the past 3 months	Categ
1	S1DRINKX_L	s1drinkx_l:w1 s frequency of drinking in the past 3 months	Categ
1	R1DRINKB	r1drinkb:w1 r ever binge drinks	Categ
1	S1DRINKB	s1drinkb:w1 s ever binge drinks	Categ
1	R1BINGEDCAT	rlbingedcat:w1 r frequency of binge drinking in the past 3 m	Categ
1	S1BINGEDCAT	slbingedcat:w1 s frequency of binge drinking in the past 3 m	Categ
1	R1DRINKCUT	r1drinkcut:w1 r feels should cut down on drinking	Categ
1	S1DRINKCUT	s1drinkcut:w1 s feels should cut down on drinking	Categ
1	R1DRINKCR	r1drinkcr:w1 r others criticize your drinking	Categ
1	S1DRINKCR	s1drinkcr:w1 s others criticize your drinking	Categ
1	R1DRINKBD	r1drinkbd:w1 r feels bad about drinking	Categ
1	S1DRINKBD	s1drinkbd:w1 s feels bad about drinking	Categ
1	R1DRINKNR	r1drinknr:w1 r takes drink for nerve in am	Categ
1	S1DRINKNR	s1drinknr:w1 s takes drink for nerve in am	Categ
1	R1CAGE	rlcage:w1 r cage summary	Cont
1	S1CAGE	slcage:w1 s cage summary	Cont
1	R1CAGEM	rlcagem:w1 r cage missings	Cont
1	S1CAGEM	slcagem:w1 s cage missings	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DRINKEV	72773	0.17	0.37	0.00	1.00
S1DRINKEV	49860	0.19	0.39	0.00	1.00
R1DRINK3M	72765	0.09	0.29	0.00	1.00
S1DRINK3M	49856	0.11	0.31	0.00	1.00
R1DRINKX_L	72765	0.22	0.76	0.00	4.00

S1DRINKX_L	49856	0.25	0.81	0.00	4.00
R1DRINKB	72752	0.05	0.23	0.00	1.00
S1DRINKB	49844	0.06	0.24	0.00	1.00
R1BINGEDCAT	72752	0.08	0.45	0.00	4.00
S1BINGEDCAT	49844	0.09	0.48	0.00	4.00
R1DRINKCUT	3894	0.50	0.50	0.00	1.00
S1DRINKCUT	3035	0.51	0.50	0.00	1.00
R1DRINKCR	3916	0.34	0.47	0.00	1.00
S1DRINKCR	3048	0.35	0.48	0.00	1.00
R1DRINKBD	3916	0.36	0.48	0.00	1.00
S1DRINKBD	3048	0.36	0.48	0.00	1.00
R1DRINKNR	3916	0.22	0.41	0.00	1.00
S1DRINKNR	3048	0.22	0.41	0.00	1.00
R1CAGE	3916	1.41	1.39	0.00	4.00
S1CAGE	3048	1.44	1.39	0.00	4.00
R1CAGEM	73408	3.79	0.90	0.00	4.00
S1CAGEM	50152	3.76	0.95	0.00	4.00

Categorical Variable Codes

Value-----	R1DRINKEV
.d:DK	7
.m:Missing	616
.r:Refuse	12
0.no	60713
1.yes	12060
Value-----	S1DRINKEV
.d:DK	3
.m:Missing	282
.r:Refuse	7
.u:Unmar	16594
.v:SP NR	6662
0.no	40530
1.yes	9330
Value-----	R1DRINK3M
.d:DK	10
.m:Missing	618
.r:Refuse	15
0.no	65857
1.yes	6908
Value-----	S1DRINK3M
.d:DK	5
.m:Missing	283
.r:Refuse	8
.u:Unmar	16594

.v:SP NR		6662
0.no		44465
1.yes		5391

Value-----		R1DRINKX_L
.d:DK		3
.m:Missing		637
.r:Refuse		3
0.None		65857
1.Less than once a month		1997
2.One to three days per month		2047
3.One to four days per week		1412
4.Five or more days per week		1452

Value-----		S1DRINKX_L
.d:DK		2
.m:Missing		293
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.None		44465
1.Less than once a month		1552
2.One to three days per month		1587
3.One to four days per week		1124
4.Five or more days per week		1128

Value-----		R1DRINKB
.d:DK		19
.m:Missing		618
.r:Refuse		19
0.no		68831
1.yes		3921

Value-----		S1DRINKB
.d:DK		14
.m:Missing		283
.r:Refuse		11
.u:Unmar		16594
.v:SP NR		6662
0.no		46793
1.yes		3051

Value-----		R1BINGEDCAT
.d:DK		19
.m:Missing		618
.r:Refuse		19
0.None or less than once a month		70099
1.One to three days per month		1124
2.One to four days per week		665
3.Five or more days per week		307
4.Daily		557

Value-----		S1BINGEDCAT
.d:DK		14
.m:Missing		283
.r:Refuse		11
.u:Unmar		16594
.v:SP NR		6662
0.None or less than once a month		47764
1.One to three days per month		879
2.One to four days per week		529
3.Five or more days per week		248
4.Daily		424

Value-----		R1DRINKCUT
.d:DK		22
.m:Missing		641
.n:never drank		65598
.r:Refuse		20
.x:has not had >=5 drinks		3233
0.no		1938

1.yes		1956
-------	--	------

Value-----		S1DRINKCUT
.d:DK		15
.m:Missing		297
.n:never drank		44256
.r:Refuse		12
.u:Unmar		16594
.v:SP NR		6662
.x:has not had >=5 drinks		2537
0.no		1476
1.yes		1559

Value-----		R1DRINKCR
.d:DK		22
.m:Missing		619
.n:never drank		65598
.r:Refuse		20
.x:has not had >=5 drinks		3233
0.no		2579
1.yes		1337

Value-----		S1DRINKCR
.d:DK		15
.m:Missing		284
.n:never drank		44256
.r:Refuse		12
.u:Unmar		16594
.v:SP NR		6662
.x:has not had >=5 drinks		2537
0.no		1985
1.yes		1063

Value-----		R1DRINKBD
.d:DK		22
.m:Missing		619
.n:never drank		65598
.r:Refuse		20
.x:has not had >=5 drinks		3233
0.no		2522
1.yes		1394

Value-----		S1DRINKBD
.d:DK		15
.m:Missing		284
.n:never drank		44256
.r:Refuse		12
.u:Unmar		16594
.v:SP NR		6662
.x:has not had >=5 drinks		2537
0.no		1942
1.yes		1106

Value-----		R1DRINKNR
.d:DK		22
.m:Missing		619
.n:never drank		65598
.r:Refuse		20
.x:has not had >=5 drinks		3233
0.no		3070
1.yes		846

Value-----		S1DRINKNR
.d:DK		15
.m:Missing		284
.n:never drank		44256
.r:Refuse		12
.u:Unmar		16594
.v:SP NR		6662
.x:has not had >=5 drinks		2537
0.no		2388

1.yes

|

660

How Constructed

RwDRINKEV indicates whether the respondent has ever consumed any alcoholic beverages, such as beer, wine, liquor, or country liquor. A code of 0 indicates that the respondent reports never having had an alcoholic drink in the past. A code of 1 indicates that the respondent reports having had an alcoholic drink in the past. Don't know, refused, or other missing responses to RwDRINKEV are assigned special missing values .d, .r, or .m, respectively. RwDRINKEV is set to plain missing (.) for respondents who did not respond to this wave.

SwDRINKEV indicates whether the respondent's current wave's spouse has ever consumed any alcoholic beverages, and its values are taken from RwDRINKEV. In addition to the special missing codes employed by RwDRINKEV, SwDRINKEV employs two additional special missing codes. 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.

RwDRINK3M indicates whether the respondent has consumed any alcoholic beverages in the last 3 months. A code of 0 indicates that the respondent reports never having an alcoholic drink or not having one in the last 3 months. A code of 1 indicates that the respondent reports having had an alcoholic drink in the past 3 months. Don't know, refused, or other missing responses to RwDRINK3M are assigned special missing values .d, .r, or .m, respectively. RwDRINK3M is set to plain missing (.) for respondents who did not respond to this wave.

SwDRINK3M indicates whether the respondent's current wave's spouse has consumed any alcoholic beverages in the last 3 months, and its values are taken from RwDRINK3M. In addition to the special missing codes employed by RwDRINK3M, SwDRINK3M employs two additional special missing codes. 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.

RwDRINKX_L indicates how frequently the respondent had at least one alcoholic beverage in the last 3 months. RwDRINKX_L is coded as follows: 0.None, 1.Less than once a month, 2.One to three days per month, 3.One to four days per week, 4.Five or more days per week. Don't know, refused, or other missing responses to RwDRINKX_L are assigned special missing values .d, .r, or .m, respectively. RwDRINKX_L is set to plain missing (.) for respondents who did not respond to this wave.

SwDRINKX_L indicates how frequently the respondent's current wave's spouse had at least one alcoholic beverage in the last 3 months, and its values are taken from RwDRINKX_L. In addition to the special missing codes employed by RwDRINKX_L, SwDRINKX_L employs two additional special missing codes. 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.

RwDRINKB indicates whether the respondent ever binge drinks. RwBINGEDCAT indicates the frequency that the respondent binge drinks. Binge drinking in LASI is considered as having had at least 5 or more drinks on one occasion in the last 3 months. If a respondent reports never binge drinking in the past 3 months, reports never drinking at all, or reports drinking zero drinks in the past three months, then both RwDRINKB and RwBINGEDCAT are coded as 0 for no. If the respondent reports binge drinking at least once in the past 3 months, then RwDRINKB is coded as 1 for yes. RwBINGEDCAT is coded as follows: 0.None, 1.Less than once a month, 2.One to three days per month, 3.One to four days per week, 4.Five or more days per week, and 5.Daily. Don't know, refused, or other missing responses of RwDRINKB and RwBINGEDCAT are assigned special missing values .d, .r, or .m, respectively. RwDRINKB and RwBINGEDCAT are set to plain missing (.) for those who did not respond to this wave.

SwDRINKB and SwBINGEDCAT indicate the respondent's spouse's binge drinking habits, and are taken from RwDRINKB and RwBINGEDCAT. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes. 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.

RwDRINKCUT indicates whether the respondent has ever felt that they should cut down on their drinking. RwDRINKCR indicates whether people have ever annoyed the respondent by criticizing their drinking.

RwDRINKBD indicates whether the respondent has ever felt bad or guilty about drinking. RwDRINKNR indicates whether the respondent has ever taken a drink first thing in the morning to steady nerves or to get rid of a hangover. These questions are only asked to respondents who previously reported having had at least 5 or more drinks on one occasion in the last 3 months. A code of 0 indicates that the respondent has not had the particular feeling about their drinking and a code of 1 indicates that the respondent has felt the particular way about their drinking. Don't know, refused, or other missing responses are assigned special missing values .d, .r, or .m, respectively. If the respondent reports never having a drink in the past, then these variables are assigned special missing .n. If the respondent has not had at least 5 or more drinks in one occasion during the last 3 months, then these variables are assigned special missing .x. These variables are set to plain missing (.) for those who did not respond to this wave.

SwDRINKCUT, SwDRINKCR, SwDRINKBD, and SwDRINKNR indicate whether the respondent's spouse has ever felt particular ways about their drinking, and are taken from RwDRINKCUT, RwDRINKCR, RwDRINKBD, and RwDRINKNR. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes. 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.

RwCAGE is a summary variable for the respondent's feelings about their drinking habits. RwCAGE is equal to RwDRINKCUT + RwDRINKCR + RwDRINKBD + RwDRINKNR. RwcAGEM indicates the number of variables missing in the calculation of RwCAGE. RwcAGE is calculated as long as at least one of the component variables is not missing. If RwDRINKCUT, RwDRINKCR, RwDRINKBD, or RwDRINKNR are set to special missing .d, .r, .m, .n, or .x, then RwcAGE is set to .d, .r, .m, .n, or .x, respectively.

SwCAGE is a summary variable for the respondent's spouse's feelings about their drinking habits, and is taken from RwcAGE. In addition to the special missing values employed by RwcAGE, SwCAGE employs two additional special missing values. If SwDRINKCUT, SwDRINKCR, SwDRINKBD, or SwDRINKNR are set to special missing .u or .v, then SwCAGE is set to .u or .v, respectively.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS surveys respondents' number of drinks by asking for the number of drinks the respondent drinks on the days they drink in the last 3 months (drinks/day). Due to a translation error, LASI captured the respondents' number of drinks in the last three months (drinks/3 months) in Wave 1, and as such, a harmonized variable indicating the number of drinks has not been released.

Unlike the HRS, LASI asks about the frequency of drinks consumed and the frequency of binge drinking, not the number of days per week of drinking and binge drinking. In LASI, the criteria for binge drinking is set as having had at least 5 or more drinks on one occasion in the past 3 months. However, in the HRS, the criteria for binge drinking is set as having had at least 4 or more drinks on one occasion in the last 3 months. Because of the difference in criteria for the definition of binge drinking, "CAT" is added to the end of the variable name to indicate that RwbINGEDCAT is not strictly comparable to RwbINGED in the Harmonized HRS.

LASI Variables Used

Wave 1 Core:

HB101	Ever consumed any alcoholic beverages
HB103	Number of times respondent have had alcohol
HB105	Average drinks in last 3 months
HB106	Frequency of consumption of 5 or more drinks on
HB107	Ever felt of cut down on drinking
HB108	People ever annoyed you by criticizing drinking
HB109	Felt bad or guilty about drinking
HB110	Ever taken a drink in morning

Health Behaviors: Smoking (Cigarettes)

Wave	Variable	Label	Type
1	R1SMOKEV	rlsmokev:w1 r smoke ever	Categ
1	S1SMOKEV	slsmokev:w1 s smoke ever	Categ
1	R1SMOKEN	rlsmoken:w1 r smokes now	Categ
1	S1SMOKEN	slsmoken:w1 s smokes now	Categ
1	R1SMOKEF	rlsmokef:w1 r # cigarettes/bidis/cigars/cheroot per day	Cont
1	S1SMOKEF	slsmokef:w1 s # cigarettes/bidis/cigars/cheroot per day	Cont
1	R1OTBCCV	rlotbccv:w1 r ever used smokeless tobacco	Categ
1	S1OTBCCV	slotbccv:w1 s ever used smokeless tobacco	Categ
1	R1OTBCCN	rlotbccn:w1 r uses smokeless tobacco	Categ
1	S1OTBCCN	slotbccn:w1 s uses smokeless tobacco	Categ
1	R1STRTSMOK	rlstrtsmok:w1 r age started smoking	Cont
1	S1STRTSMOK	slstrtsmok:w1 s age started smoking	Cont
1	R1STRTOTBCC	rlstrtotbcc:w1 r age started smokeless tobacco	Cont
1	S1STRTOTBCC	slstrtotbcc:w1 s age started smokeless tobacco	Cont
1	R1QUITSMOK	rlquitsmok:w1 r age quit smoking	Cont
1	S1QUITSMOK	slquitsmok:w1 s age quit smoking	Cont
1	R1QUITOTBCC	rlquitotbcc:w1 r age quit smokeless tobacco	Cont
1	S1QUITOTBCC	slquitotbcc:w1 s age quit smokeless tobacco	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SMOKEV	72751	0.17	0.37	0.00	1.00
S1SMOKEV	49845	0.19	0.39	0.00	1.00
R1SMOKEN	72753	0.13	0.33	0.00	1.00
S1SMOKEN	49846	0.14	0.35	0.00	1.00
R1SMOKEF	72731	1.33	4.65	0.00	144.00
S1SMOKEF	49827	1.53	4.96	0.00	100.00
R1OTBCCV	72754	0.21	0.40	0.00	1.00
S1OTBCCV	49846	0.21	0.41	0.00	1.00
R1OTBCCN	72752	0.18	0.39	0.00	1.00

S1OTBCCN	49845	0.19	0.39	0.00	1.00
R1STRTSMOK	12062	21.60	9.09	2.00	90.00
S1STRTSMOK	9196	21.35	8.58	5.00	82.00
R1STRTOTBCC	14935	25.06	12.02	4.00	98.00
S1STRTOTBCC	10301	24.57	11.34	5.00	85.00
R1QUITSMOK	3017	49.29	15.01	7.00	96.00
S1QUITSMOK	2222	48.35	14.41	7.00	95.00
R1QUITOTBCC	1704	50.67	15.18	10.00	95.00
S1QUITOTBCC	1131	48.00	14.47	10.00	95.00

Categorical Variable Codes

Value-----	R1SMOKEV
.d:DK	11
.m:Missing	634
.r:Refuse	12
0.No	60613
1.Yes	12138

Value-----	S1SMOKEV
.d:DK	6
.m:Missing	295
.r:Refuse	6
.u:Unmar	16594
.v:SP NR	6662
0.No	40594
1.Yes	9251

Value-----	R1SMOKEN
.d:DK	11
.m:Missing	631
.r:Refuse	13
0.No	63654
1.Yes	9099

Value-----	S1SMOKEN
.d:DK	6
.m:Missing	294
.r:Refuse	6
.u:Unmar	16594
.v:SP NR	6662
0.No	42832
1.Yes	7014

Value-----	R1OTBCCV
.d:DK	11
.m:Missing	631
.r:Refuse	12
0.No	57725
1.Yes	15029

Value-----	S1OTBCCV
.d:DK	6
.m:Missing	294
.r:Refuse	6
.u:Unmar	16594
.v:SP NR	6662
0.No	39488

1.Yes		10358
Value-----		R1OTBCCN
.d:DK		13
.m:Missing		631
.r:Refuse		12
0.No		59423
1.Yes		13329
Value-----		S1OTBCCN
.d:DK		7
.m:Missing		294
.r:Refuse		6
.u:Unmar		16594
.v:SP NR		6662
0.No		40607
1.Yes		9238

How Constructed

RwSMOKEV indicates whether the respondent reports ever smoking tobacco. Smoking tobacco includes a cigarette, bidi, cigar, hookah, or cheroot. A code of 0 indicates that the respondent reports never having smoked. A code of 1 indicates that the respondent reports ever smoking.

RwSMOKEN indicates whether the respondent currently smokes. This question is only asked if the respondent reports ever smoking tobacco. If the respondent reported never smoking, then RwSMOKEN is assigned a value of 0. A code of 0 indicates that the respondent reports that they quit smoking. A code of 1 indicates that the respondent reports still smoking.

Don't know, refused, or other missing responses to RwSMOKEV and RwSMOKEN are assigned special missing codes .d, .r, or .m, respectively. RwSMOKEV and RwSMOKEN are set to plain missing (.) for respondents who did not respond to this wave.

SwSMOKEV and SwSMOKEN indicate whether the respondent's spouse reports ever or currently smoking, and their values are taken directly from the spouse's responses to RwSMOKEV and RwSMOKEN. In addition to the special missing codes used in RwSMOKEV and RwSMOKEN, SwSMOKEV and SwSMOKEN 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.

RwSMOKEF indicates how many cigarettes, bidis, cigars, or cheroots the respondent usually smokes per day. If the respondent reported never smoking or not currently smoking, then RwSMOKEF is assigned a value of 0. Don't know, refused, or other missing responses to RwSMOKEF are assigned special missing values .d, .r, or .m, respectively. 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 usually smokes 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.

RwOTBCCV indicates whether the respondent reports ever consuming smokeless tobacco (such as chewing tobacco, gutka, pan masala, etc.). A code of 0 indicates that the respondent reports never having consumed smokeless tobacco. A code of 1 indicates that the respondent reports ever having consumed smokeless tobacco.

RwOTBCCN indicates whether the respondent reports currently consuming smokeless tobacco (such as chewing tobacco, gutka, pan masala, etc.). A code of 0 indicates that the respondent reports not currently consuming smokeless tobacco or never consuming smokeless tobacco. A code of 1 indicates that the respondent reports currently consuming smokeless tobacco.

Don't know, refused, or other missing responses to RwOTBCCV and RwOTBCCN are assigned special missing codes .d, .r, or .m, respectively. RwOTBCCV and RwOTBCCN are set to plain missing (.) for respondents who did not respond to this wave.

SwOTBCCV and SwOTBCCN indicate whether the respondent's spouse reports ever or currently consuming smokeless tobacco, and their values are taken directly from the spouse's responses to RwOTBCCV and RwOTBCCN. In addition to the special missing codes used in RwOTBCCV and RwOTBCCN, SwOTBCCV and SwOTBCCN 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.

RwSTRTSMOK indicates the age at which the respondent started smoking. Respondents can report the age at which they started smoking, the number of years ago they started smoking, or the year in which they started smoking. If the respondent reports the number of years ago they started smoking, this value is subtracted from the respondent's age at the time of interview. If the respondent reports the year in which they started smoking, the respondent's birth year is subtracted from this value to obtain the age at which the respondent started smoking. If the calculated age started smoking takes a value of less than 1, then RwSTRTSMOK is assigned special missing value .i. RwSTRTSMOK is assigned special missing .n if the respondent reports never smoking. Don't know, refused, or other missing responses to RwSTRTSMOK are assigned special missing codes .d, .r, or .m, respectively. RwSTRTSMOK is set to plain missing (.) for respondents who did not participate in the current wave.

SwSTRTSMOK indicates the age at which the respondent's spouse started smoking, and its values are taken directly from RwSTRTSMOK. In addition to the special missing codes employed by RwSTRTSMOK, SwSTRTSMOK employs two additional special missing codes. 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.

RwSTRTOTBCC indicates the age at which the respondent started consuming smokeless tobacco (such as chewing tobacco, gutka, pan masala, etc). Respondents can report the age at which they started consuming smokeless tobacco, the number of years ago they started consuming smokeless tobacco, or the year in which they started consuming smokeless tobacco. If the respondent reports the number of years ago they started consuming smokeless tobacco, this value is subtracted from the respondent's age at the time of interview. If the respondent reports the year in which they started consuming smokeless tobacco, the respondent's birth year is subtracted from this value to obtain the age at which the respondent started consuming smokeless tobacco. If the calculated age started consuming smokeless tobacco takes a value of less than 1, then RwSTRTOTBCC is assigned special missing value .i. RwSTRTOTBCC is assigned special missing .n if the respondent reports never consuming smokeless tobacco. Don't know, refused, or other missing responses to RwSTRTOTBCC are assigned special missing codes .d, .r, or .m, respectively. RwSTRTOTBCC is set to plain missing (.) for respondents who did not participate in the current wave.

SwSTRTOTBCC indicates the age at which the respondent's spouse started consuming smokeless tobacco, and its values are taken directly from RwSTRTOTBCC. In addition to the special missing codes employed by SwSTRTOTBCC, SwSTRTOTBCC employs two additional special missing codes. 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 note that the same question is used to determine when respondents started smoking and started consuming smokeless tobacco. For respondents who have ever smoked and ever consumed smokeless tobacco, RwSTRTSMOK and RwSTRTOTBCC will have the same value.

RwQUITSMOK indicates the age at which the respondent quit smoking. Respondents can report the age at which they quit smoking, the number of years ago they quit smoking, or the year they quit smoking. If the respondent reports the number of years ago they quit smoking, this value is subtracted from the respondent's age at the time of interview. If the respondent reports the year in which they quit smoking, the respondent's birth year is subtracted from this value to obtain the age at which the respondent quit smoking. If the calculated age quit smoking takes a value of less than 1, then RwQUITSMOK is assigned special missing value .i. RwQUITSMOK is assigned special missing .n if the respondent reports never smoking. RwQUITSMOK is assigned special missing .c if the respondent reports currently smoking. Don't know, refused, or other missing responses of RwQUITSMOK are assigned special missing codes .d, .r, or .m, respectively. RwQUITSMOK is set to plain missing (.) for respondents who did not participate in the current wave.

SwQUITSMOK indicates the age at which the respondent's spouse quit smoking, and is taken from RwQUITSMOK. In addition to the special missing codes employed by RwQUITSMOK, SwQUITSMOK employs two additional special missing codes. 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.

RwQUITOTBCC indicates the age at which the respondent quit consuming smokeless tobacco (such as chewing tobacco, gutka, pan masala, etc). Respondents can report the age at which they quit consuming smokeless tobacco, the number of years ago they quit consuming smokeless tobacco, or the year they quit consuming smokeless tobacco. If the respondent reports the number of years ago they quit consuming smokeless tobacco, this value is subtracted from the respondent's age at the time of interview. If the respondent reports the year in which they quit consuming smokeless tobacco, the respondent's birth year is subtracted from this value to obtain the age at which the respondent quit consuming smokeless tobacco. If the calculated age quit consuming smokeless tobacco takes a value of less than 1, then RwQUITOTBCC is assigned special missing value .i. RwQUITOTBCC is assigned special missing .n if the respondent reports never consuming smokeless tobacco. RwQUITOTBCC is assigned special missing .c if the respondent reports currently consuming smokeless tobacco. Don't know, refused, or other missing responses of RwQUITOTBCC are assigned special missing codes .d, .r, or .m, respectively. RwQUITOTBCC is set to plain missing (.) for respondents who did not participate in the current wave.

SwQUITOTBCC indicates the age at which the respondent's spouse quit consuming smokeless tobacco (such as chewing tobacco, gutka, pan masala, etc), and is taken from RwQUITOTBCC. In addition to the special missing codes employed by RwQUITOTBCC, SwQUITOTBCC employs two additional special missing codes. 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 note that extreme values for the age the respondent started or quit smoking or smokeless tobacco have been left to the discretion of the user.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS asks respondents whether they have ever smoked cigarettes (smoking means more than 100 cigarettes in your lifetime and does not include pipes or cigars). The LASI asks respondents whether they have ever smoked tobacco (cigarette, bidi, cigar, hookah, cheroot). Therefore, RwSMOKEV in the Harmonized LASI captures respondents smoking tobacco via means other than cigarettes, whereas RwSMOKEV in the RAND HRS would not capture these other types of smoking. Similarly, RwSMOKEF in the Harmonized LASI counts the number of cigarettes, bidis, cigars, or cheroot the respondent smokes, whereas RwSMOKEF in the RAND HRS only counts the number of cigarettes the respondent smokes.

The HRS does not ask respondents about their consumption of smokeless tobacco.

LASI Variables Used

Wave 1 Core:

HB001	Ever smoked or used smokeless tobacco
HB002_AGE	Age when respondent first started tobacco consum
HB002_YEAR	Year when respondent first started tobacco consu
HB002_YEARSAGO	Years ago respondent first started tobacco consu
HB003	Type of tobacco product
HB003_A	Currently smoke any tobacco products
HB004	Number of cigarettes, bidis, cigars, cheroot etc
HB005_AGE	Age when respondent completely stop smoking
HB005_YEAR	Year when respondent quit smoking
HB005_YEARSAGO	Years ago respondent totally stopped smoking
HB006	Currently consume any smokeless tobacco
HB011_AGE	Age of total stoppage of consuming smokeless tob
HB011_YEAR	Year when respondent totally stop consuming smok
HB011_YEARSAGO	Years ago respondent totally stop consuming smok

Section C: Health Care Utilization and Insurance

Medical Care Utilization: Hospital

Wave	Variable	Label	Type
1	R1HOSP1Y	rlhosp1y:w1 r hospital stay, prv year	Categ
1	S1HOSP1Y	slhosp1y:w1 s hospital stay, prv year	Categ
1	R1HSPTIM1Y	rlhsptim1y:w1 r # hospital stays, prv year	Cont
1	S1HSPTIM1Y	slhsptim1y:w1 s # hospital stays, prv year	Cont
1	R1HSPNIT1Y	rlhspnit1y:w1 r # nights in hospital, prv year	Cont
1	S1HSPNIT1Y	slhspnit1y:w1 s # nights in hospital, prv year	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HOSP1Y	72602	0.07	0.25	0.00	1.00
S1HOSP1Y	49753	0.07	0.25	0.00	1.00
R1HSPTIM1Y	72602	0.09	0.44	0.00	24.00
S1HSPTIM1Y	49753	0.09	0.44	0.00	24.00
R1HSPNIT1Y	72597	0.44	3.09	0.00	200.00
S1HSPNIT1Y	49749	0.44	3.06	0.00	200.00

Categorical Variable Codes

Value-----	R1HOSP1Y
.d:DK	14
.m:Missing	790
.r:Refuse	2
0.no	67749
1.yes	4853
Value-----	S1HOSP1Y
.d:DK	11
.m:Missing	387
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.no	46480
1.yes	3273

How Constructed

RwHOSP1Y indicates whether the respondent has been admitted as a patient to a hospital/long-term care (inpatient care) facility for at least one night in the past year. Hospital/long-term care facilities include primary health center/Urban Health Center, community health center, district/sub-district hospital, government/tertiary hospital, government AYUSH hospital, private hospital/nursing home, private clinic (OPD based services), NGO/Charity/Trust/Church-run hospital, or private AYUSH hospital. Respondents are first asked which health care facilities were visited in the past 12 months. If they answered they had visited at least one of the specified hospital/long-term care facilities in the past 12 months, they are then asked how many times they were admitted to a health care facility for at least one night. Respondents who report not visiting any health care facility or not being admitted to one of the

specified health care facilities overnight are coded as 0. Respondents who reported being admitted to a health care facility overnight at least once in the past year are coded as 1. Don't know, refused, or other missing responses of RWHOSP1Y are assigned special missing codes .d, .r, or .m respectively. RWHOSP1Y is set to plain missing (.) for respondents who did not respond to the current wave.

RWHSPTIM1Y indicates the number of times that the respondent has been admitted as a patient to one of the specified hospital/long-term care (inpatient care) facilities for at least one night in the past year, and takes the number of reported visits. If the respondent reports not visiting a hospital/long-term care facility in the past 12 months or not being admitted to one of the specified health care facilities overnight, then RWHSPNIT1Y is assigned a 0. Don't know, refused, or other missing responses of RWHSPTIM1Y are assigned special missing codes .d, .r, or .m respectively. RWHSPTIM1Y is set to plain missing (.) for respondents who did not respond to the current wave.

RWHSPNIT1Y indicates the number of nights that the respondent spent in the hospital in the past year, and takes the number of reported nights. If the respondent reports not visiting a hospital/long-term care facility or not being admitted to one of the specified health care facilities overnight, then RWHSPNIT1Y is assigned a 0. Don't know, refused, or other missing responses of RWHSPNIT1Y are assigned special missing codes .d, .r, or .m respectively. RWHSPNIT1Y is set to plain missing (.) for respondents who did not respond to the current wave.

SWHOSP1Y, SWHSPTIM1Y, and SWHSPNIT1Y indicate whether the current wave's respondent's spouse was hospitalized overnight, the number of times they were admitted to the hospital, and the number of nights spent in the hospital in the past year, respectively, and their values are taken from RWHOSP1Y, RWHSPTIM1Y, and RWHSPNIT1Y. In addition to the special missing codes employed by RWHOSP1Y, RWHSPTIM1Y, and RWHSPNIT1Y, SWHOSP1Y, SWHSPTIM1Y, and SWHSPNIT1Y 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, the LASI does not ask respondents about their hospital utilization in the previous two years. The LASI asks the respondents about their hospital utilization in the past 12 months.

The HRS asks whether the respondent has spent a night in the hospital, followed by the number of hospital admittances, and total number of nights spent in the hospital. However, LASI first asks which hospital/health care facility the respondent visited, then asks how many times they were admitted for an overnight stay, and the total number of nights spent in the hospital. Please note that these variables in LASI include several types of hospital, whereas the HRS makes no distinction between types of hospital.

LASI Variables Used

Wave 1 Core:

HC002	Visit to Health care facility
HC002S10	Visit to Health care facility 10 Private AYUSH h
HC002S2	Visit to Health care facility 2 Primary health c
HC002S3	Visit to Health care facility 3 Community health
HC002S4	Visit to Health care facility 4 District / Sub-d
HC002S5	Visit to Health care facility 5 Government/terti
HC002S6	Visit to Health care facility 6 Govt. AYUSH hosp
HC002S7	Visit to Health care facility 7 Private hospital
HC002S8	Visit to Health care facility 8 Private clinic (
HC002S9	Visit to Health care facility 9 NGO/Charity/Trus
HC202	Number of times admitted in Hospital during last
HC203	Number of nights spent during hospitalization in

Medical Care Utilization: Doctor

Wave	Variable	Label	Type
1	R1DOCTOR1Y	r1doctorly:w1 r doctor visit, prv year	Categ
1	S1DOCTOR1Y	s1doctorly:w1 s doctor visit, prv year	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DOCTOR1Y	72691	0.59	0.49	0.00	1.00
S1DOCTOR1Y	49809	0.58	0.49	0.00	1.00

Categorical Variable Codes

Value-----	R1DOCTOR1Y
.d:DK	46
.m:Missing	664
.r:Refuse	7
0.no	29583
1.yes	43108
Value-----	S1DOCTOR1Y
.d:DK	28
.m:Missing	310
.r:Refuse	5
.u:Unmar	16594
.v:SP NR	6662
0.no	20729
1.yes	29080

How Constructed

Respondents are first asked which health care providers they consulted with in the past year. R1DOCTOR1Y indicates whether the respondent consulted with a doctor (with MBBS, including surgeon, physician, gynecologist, psychiatrist, ophthalmologist and orthopedician), nurse/midwife, physiotherapist, or pharmacist in the past year. R1DOCTOR1Y is coded as 0 if the respondent reported not seeing any doctor, nurse/midwife, physiotherapist, or pharmacist and is coded as 1 if the respondent reported seeing any of these medical professionals in the past year. Don't know, refused, or other missing responses of R1DOCTOR1Y are assigned special missing codes .d, .r, or .m respectively. R1DOCTOR1Y is set to plain missing (.) for respondents who did not respond to the current wave.

S1DOCTOR1Y indicates whether the current wave respondent's spouse consulted with a doctor in the past year, and its values are taken from R1DOCTOR1Y. In addition to the special missing codes employed by R1DOCTOR1Y, S1DOCTOR1Y 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, the LASI does not ask respondents about seeing a health professional in the previous two years. The LASI asks the respondents about seeing a health professional in the last year.

The HRS asks the number of times the respondent has seen or talked to a medical doctor about their health, including emergency room, clinic visits, or house calls. Respondents are instructed to include visits with nurse practitioners, and medical tests or procedures performed by anyone practicing under a doctor's supervision, such as mammograms or x-rays, and to not include physical therapy or rehabilitation services. However, LASI first asks which health care provider the respondent received healthcare from or consulted with, then asks how many times they saw any health care provider in the past year. Please note that RwdOCTOR1Y in LASI includes some different health providers than in the HRS; specifically, this variable in LASI includes doctor, nurse/midwife, physiotherapist, and pharmacist.

LASI Variables Used

Wave 1 Core:	
HC003S1	Consult to health care providers 1 Doctor (with
HC003S4	Consult to health care providers 4 Nurse/midwife
HC003S5	Consult to health care providers 5 Physiotherapi
HC003S6	Consult to health care providers 6 Pharmacist

Medical Care Utilization: Traditional Medicine

Wave	Variable	Label	Type
1	R1TRDMED1Y	rltrdmedly:w1 r traditional medicine visit, prv year	Categ
1	S1TRDMED1Y	sltrdmedly:w1 s traditional medicine visit, prv year	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1TRDMED1Y	72691	0.09	0.28	0.00	1.00
S1TRDMED1Y	49809	0.08	0.28	0.00	1.00

Categorical Variable Codes

Value-----	R1TRDMED1Y
.d:DK	46
.m:Missing	664
.r:Refuse	7
0.no	66455
1.yes	6236
Value-----	S1TRDMED1Y
.d:DK	28
.m:Missing	310
.r:Refuse	5
.u:Unmar	16594
.v:SP NR	6662
0.no	45636
1.yes	4173

How Constructed

Respondents are first asked which health care providers they consulted with in the past year. RwTRDMED1Y indicates whether the respondent consulted with an AYUSH practitioner (Ayurveda, unani, siddha, homeopathy) or traditional/folk healers (tribal medicine, bhopa, jhaad-fook, black magic) in the past year. RwTRDMED1Y is coded as 0 if the respondent reported not seeing any traditional medicine practitioner in the past year and is coded as 1 if the respondent reported seeing any traditional medicine practitioner in the past year. Don't know, refused, or other missing responses of RwTRDMED1Y are assigned special missing codes .d, .r, or .m respectively. RwTRDMED1Y is set to plain missing (.) for respondents who did not respond to the current wave.

SwTRDMED1Y indicates whether the current wave respondent's spouse consulted with a traditional medicine practitioner in the past year, and its values are taken from RwTRDMED1Y. In addition to the special missing codes employed by RwTRDMED1Y, SwTRDMED1Y 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, the LASI does not ask respondents about seeing a health professional in the previous two years. The LASI asks the respondents about seeing a health professional in the last year.

The HRS does not inquire about consultation with traditional medicine health care providers, and neither the RAND HRS nor the Harmonized HRS has variables corresponding to RwTRDMED1Y.

LASI Variables Used

Wave 1 Core:	
HC003S2	Consult to health care providers 2 AYUSH practit
HC003S7	Consult to health care providers 7 Traditional /

Medical Care Utilization: Dentist

Wave	Variable	Label	Type
1	R1DENTST1Y	rldentstly:w1 r dental visit, prv year	Categ
1	S1DENTST1Y	sldentstly:w1 s dental visit, prv year	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DENTST1Y	72691	0.01	0.09	0.00	1.00
S1DENTST1Y	49809	0.01	0.09	0.00	1.00

Categorical Variable Codes

Value-----	R1DENTST1Y
.d:DK	46
.m:Missing	664
.r:Refuse	7
0.no	72085
1.yes	606
Value-----	S1DENTST1Y
.d:DK	28
.m:Missing	310
.r:Refuse	5
.u:Unmar	16594
.v:SP NR	6662
0.no	49359
1.yes	450

How Constructed

Respondents are first asked which health care providers they consulted with in the past year. RwdENTST1Y indicates whether the respondent consulted with a dentist in the past year. RwdENTST1Y is coded as 0 if the respondent reported not seeing any dentist in the past year, and is coded as 1 if the respondent reported seeing a dentist in the past year. Don't know, refused, or other missing responses of RwdENTST1Y are assigned special missing codes .d, .r, or .m respectively. RwdENTST1Y is set to plain missing (.) for respondents who did not respond to the current wave.

SwDENTST1Y indicates whether the current wave respondent's spouse consulted with a dentist in the past year, and its values are taken from RwdENTST1Y. In addition to the special missing codes employed by RwdENTST1Y, SwDENTST1Y 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, the LASI does not ask respondents about seeing a health professional in the previous two years. The LASI asks the respondents about seeing a health professional in the last year.

LASI Variables Used

Wave 1 Core:
HC003S3 Consult to health care providers 3 Dentist

Medical Care Utilization: All Providers

Wave	Variable	Label	Type
1	R1MEDVST1Y	rlmedvstly:w1 r medical visit, prv year	Categ
1	S1MEDVST1Y	slmedvstly:w1 s medical visit, prv year	Categ
1	R1MDVTIM1Y	rlmdvtimly:w1 r # medical visits, prv year	Cont
1	S1MDVTIM1Y	slmdvtimly:w1 s # medical visits, prv year	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MEDVST1Y	72578	0.52	0.50	0.00	1.00
S1MEDVST1Y	49735	0.51	0.50	0.00	1.00
R1MDVTIM1Y	72578	2.41	4.01	0.00	65.00
S1MDVTIM1Y	49735	2.32	3.91	0.00	65.00

Categorical Variable Codes

Value-----	R1MEDVST1Y
.d:DK	145
.m:Missing	668
.r:Refuse	17
0.no	34546
1.yes	38032

Value-----	S1MEDVST1Y
.d:DK	97
.m:Missing	310
.r:Refuse	10
.u:Unmar	16594
.v:SP NR	6662
0.no	24220
1.yes	25515

How Constructed

RwMEDVST1Y indicates whether a respondent received health care from or consulted with a health care provider (including home visits) in the past year (i.e. outpatient visits). The health care providers include all those mentioned in RwDOCTOR1Y (doctor, nurse/midwife, physiotherapist, pharmacist), RwTRDMED1Y (AYUSH practitioner, traditional/folk healer), RwDENTST1Y (dentist), and other health care providers. Respondents who report not seeing any health care provider are coded as 0. Respondents who report seeing any health care provider at least once in the past year are coded as 1. Don't know, refused, or other missing responses of RwMEDVST1Y are assigned special missing codes .d, .r, or .m respectively. RwMEDVST1Y is set to plain missing (.) for respondents who did not respond to the current wave.

RwMDVTIM1Y indicates the number of times a respondent received health care or consultation from a health care provider (including home visits) in the past year (i.e. outpatient visits), and takes the reported number of visits. Respondents who report not seeing any health care provider are coded as 0. Don't know, refused, or other missing responses of RwMDVTIM1Y is assigned special missing codes .d, .r, or .m respectively. RwMDVTIM1Y is set to plain missing (.) for respondents who did not respond to the current wave.

SwMEDVST1Y and SwMDVTIM1Y indicate whether and how many times the respondent's current wave's spouse saw a health care provider in the past year, and their values are taken from RwMEDVST1Y and RwMDVTIM1Y. In addition to the special missing codes employed by RwMEDVST1Y and RwMDVTIM1Y, SwMEDVST1Y and SwMDVTIM1Y 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, the LASI does not ask respondents about seeing a health professional in the previous two years. The LASI asks the respondents about seeing a health professional in the last year.

The HRS does not ask about the number of visits for all health care providers, and so neither the RAND HRS nor the Harmonized HRS has variables corresponding to RwMEDVST1Y or RwMDVTIM1Y.

LASI Variables Used

Wave 1 Core:

HC003	Consult to health care providers
HC003S1	Consult to health care providers 1 Doctor (with
HC003S2	Consult to health care providers 2 AYUSH practit
HC003S3	Consult to health care providers 3 Dentist
HC003S4	Consult to health care providers 4 Nurse/midwife
HC003S5	Consult to health care providers 5 Physiotherapi
HC003S6	Consult to health care providers 6 Pharmacist
HC003S7	Consult to health care providers 7 Traditional /
HC003S8	Consult to health care providers 8 Other, please
HC302	Number of times visited as an outpatient (includ

Health Insurance: Covered by Government Health Insurance Program

Wave	Variable	Label	Type
1	R1HIGOV	rlhigov:w1 r covered by gov plan	Categ
1	S1HIGOV	slhigov:w1 s covered by gov plan	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HIGOV	72584	0.21	0.41	0.00	1.00
S1HIGOV	49752	0.22	0.41	0.00	1.00

Categorical Variable Codes

Value-----	R1HIGOV
.d:DK	97
.m:Missing	718
.r:Refuse	9
0.no	57383
1.yes	15201

Value-----	S1HIGOV
.d:DK	47
.m:Missing	346
.r:Refuse	7
.u:Unmar	16594
.v:SP NR	6662
0.no	38922
1.yes	10830

How Constructed

RwHIGOV indicates whether the respondent is covered by any public health insurance program. The list of public health insurance programs includes: Central Government Health Scheme (CGHS), Employees State Insurance Scheme (ESIS), Rashtriya Swasthya Bima Yojana (RSBY), Other Central government health insurance scheme, and State health government health insurance schemes. Respondents are first asked whether they are covered by health insurance, and if so, are asked to select from a list any health insurance they are covered by. A code of 0 indicates that the respondent is not covered by any public health insurance plan or not covered by any health insurance at all. A code of 1 indicates that the respondent is covered by at least one type of public health insurance plan. Don't know, refused, or other missing responses of RwHIGOV are assigned special missing codes .d, .r, or .m respectively. RwHIGOV is set to plain missing (.) for respondents who did not respond to the current wave.

SwHIGOV indicates whether the respondent's current wave's spouse is covered by any public health insurance program, and its values are taken from RwHIGOV. In addition to the special missing codes used in RwHIGOV, SwHIGOV 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The types of insurance programs which are used to determine RwHIGOV in the LASI are different from the insurance programs used to determine RwHIGOV in the RAND HRS.

LASI Variables Used

Wave 1 Core:

HC102	Respondent covered with health insurance
HC103	Types of health insurance covered
HC103S1	Types of health insurance covered 1 Central Gove
HC103S2	Types of health insurance covered 2 Employees St
HC103S3	Types of health insurance covered 3 Rashtriya Sw
HC103S4	Types of health insurance covered 4 Other Centra
HC103S5	Types of health insurance covered 5 State govern

Health Insurance: Covered by Employer

Wave	Variable	Label	Type
1	R1COVR	rlcovr:w1 r covered by employer plan	Categ
1	S1COVR	slcovr:w1 s covered by employer plan	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1COVR	72584	0.00	0.07	0.00	1.00
S1COVR	49752	0.01	0.07	0.00	1.00

Categorical Variable Codes

Value-----	R1COVR
.d:DK	97
.m:Missing	718
.r:Refuse	9
0.no	72224
1.yes	360
Value-----	S1COVR
.d:DK	47
.m:Missing	346
.r:Refuse	7
.u:Unmar	16594
.v:SP NR	6662
0.no	49478
1.yes	274

How Constructed

RwCOVR indicates whether the respondent is covered by health insurance from their employer. Health insurance from an employer includes medical reimbursement from an employer and health insurance through an employer. Respondents are first asked whether they are covered by health insurance, and if so, are asked to select from a list any health insurance they are covered by. A code of 0 indicates that the respondent is not covered by an employer health insurance plan or is not covered by any health insurance at all. A code of 1 indicates that the respondent is covered by at least one type of employer health insurance plan. Don't know, refused, or other missing responses of RwCOVR are assigned special missing codes .d, .r, or .m respectively. RwCOVR is set to plain missing (.) for respondents who did not respond to the current wave.

SwCOVR indicates whether the respondent's current wave's spouse is covered by any employer health insurance program, and its values are taken from RwCOVR. In addition to the special missing codes used in RwCOVR, SwCOVR 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The types of insurance programs which are used to determine RwCOVR in the LASI are different from the insurance programs used to determine RwCOVR in the RAND HRS. In the LASI, there is no information to

check if insurance is through a current or previous employer, a union, self-employment, or their spouse, as there is in the RAND HRS.

LASI Variables Used

Wave 1 Core:

HC102	Respondent covered with health insurance
HC103	Types of health insurance covered
HC103S7	Types of health insurance covered 7 Medical reim
HC103S8	Types of health insurance covered 8 Health insur

Health Insurance: Covered by Other Insurance

Wave	Variable	Label	Type
1	R1HIOTHP	rlhiothp:w1 r covered by other ins	Categ
1	S1HIOTHP	slhiothp:w1 s covered by other ins	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HIOTHP	72584	0.02	0.14	0.00	1.00
S1HIOTHP	49752	0.02	0.15	0.00	1.00

Categorical Variable Codes

Value-----	R1HIOTHP
.d:DK	97
.m:Missing	718
.r:Refuse	9
0.no	71038
1.yes	1546

Value-----	S1HIOTHP
.d:DK	47
.m:Missing	346
.r:Refuse	7
.u:Unmar	16594
.v:SP NR	6662
0.no	48636
1.yes	1116

How Constructed

RwHIOTHP indicates whether the respondent is covered by any other health insurance program. Other health insurance programs include: community/cooperative health insurance schemes, privately purchased commercial health insurance, and others. Respondents are first asked whether they are covered by health insurance, and if so, are asked to select from a list any health insurance they are covered by. A code of 0 indicates that the respondent is not covered by any other health insurance plan or not covered by any health insurance at all. A code of 1 indicates that the respondent is covered by another health insurance plan. Don't know, refused, or other missing responses of RwHIOTHP are assigned special missing codes .d, .r, or .m respectively. RwHIOTHP is set to plain missing (.) for respondents who did not respond to the current wave.

SwHIOTHP indicates whether the respondent's current wave's spouse is covered by any other health insurance program, and its values are taken from RwHIOTHP. In addition to the special missing codes used in RwHIOTHP, SwHIOTHP 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

This variable contains different components than RAND HRS. In the RAND HRS, RwHIOTHP indicates whether the respondent is covered by any health insurance other than government, employer-provided, or long-term care insurance. RwHIOTHP in the LASI is composed of community/cooperative health insurance schemes,

privately purchased commercial health insurance, and others. The health insurance options not included in RwHIOTHP are the Central Government Health Scheme (CGHS), Employees State Insurance Scheme (ESIS), Rashtriya Swasthya Bima Yojana (RSBY), Other Central government health insurance scheme, State health government health insurance schemes, Medical reimbursement from an employer, and Health insurance through an employer.

LASI Variables Used

Wave 1 Core:	
HC102	Respondent covered with health insurance
HC103	Types of health insurance covered
HC103S10	Types of health insurance covered 10 Others, ple
HC103S6	Types of health insurance covered 6 Community/ c
HC103S9	Types of health insurance covered 9 Privately pu

Health Insurance: Covered by Dental Insurance

Wave	Variable	Label	Type
1	R1HIDENT	rlhident:w1 r covered by dental ins	Categ
1	S1HIDENT	slhident:w1 s covered by dental ins	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HIDENT	71500	0.04	0.19	0.00	1.00
S1HIDENT	48987	0.04	0.20	0.00	1.00

Categorical Variable Codes

Value-----	R1HIDENT
.d:DK	1170
.m:Missing	718
.r:Refuse	20
0.no	68687
1.yes	2813
Value-----	S1HIDENT
.d:DK	804
.m:Missing	346
.r:Refuse	15
.u:Unmar	16594
.v:SP NR	6662
0.no	46925
1.yes	2062

How Constructed

RwHIDENT indicates whether the respondent's health insurance covers dental care. Respondents are first asked whether they are covered by health insurance, and if so, are asked to select from a list any health insurance they are covered by, then asked to select from a list what the selected health insurances cover. A code of 0 indicates the respondent's health insurance does not cover dental care or that the respondent does not have health insurance. A code of 1 indicates the respondent's health insurance covers dental care. Don't know, refused, or other missing responses of RwHIDENT are assigned to special missing codes .d, .r, or .m respectively. RwHIDENT is set to plain missing (.) for respondents who did not respond to the current wave.

SwHIDENT indicates whether the respondent's current wave's spouse's health insurance covers dental care, and its values are taken from RwHIDENT. In addition to the special missing codes employed by RwHIDENT, SwHIDENT 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

A corollary variable capturing dental insurance is not included in the RAND HRS.

LASI Variables Used

Wave 1 Core:

HC102	Respondent covered with health insurance
HC104	Health Insurance cover
HC104S1	Health Insurance cover 1 Surgery
HC104S2	Health Insurance cover 2 Tests (e.g. X-Rays, MR
HC104S3	Health Insurance cover 3 Doctor visits
HC104S4	Health Insurance cover 4 Medicines
HC104S5	Health Insurance cover 5 Dental care
HC104S6	Health Insurance cover 6 In-home care
HC104S7	Health Insurance cover 7 Hospitalization charges
HC104S8	Health Insurance cover 8 Other, please specify H

Health Insurance: Drug Expenses Covered

Wave	Variable	Label	Type
1	R1HIDRUG	rlhidrug:w1 r drug expenses covered	Categ
1	S1HIDRUG	slhidrug:w1 s drug expenses covered	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1HIDRUG	71500	0.15	0.36	0.00	1.00
S1HIDRUG	48987	0.16	0.37	0.00	1.00

Categorical Variable Codes

Value-----	R1HIDRUG
.d:DK	1170
.m:Missing	718
.r:Refuse	20
0.no	60418
1.yes	11082
Value-----	S1HIDRUG
.d:DK	804
.m:Missing	346
.r:Refuse	15
.u:Unmar	16594
.v:SP NR	6662
0.no	41011
1.yes	7976

How Constructed

RwHIDRUG indicates whether the respondent's health insurance covers drugs. Respondents are first asked whether they are covered by health insurance, and if so, are asked to select from a list any health insurance they are covered by, then asked to select from a list what the selected health insurances cover. A code of 0 indicates the respondent does not have drug coverage from their health insurance or that the respondent has no health insurance. A code of 1 indicates the respondent has drug coverage from their health insurance. Don't know, refused, or other missing responses of RwHIDRUG are assigned to special missing codes .d, .r, or .m respectively. RwHIDRUG is set to plain missing (.) for respondents who did not respond to the current wave.

SwHIDRUG indicates whether the respondent's current wave's spouse's health insurance covers drugs, and its values are taken directly from RwHIDRUG. In addition to the special missing codes used in RwHIDRUG, SwHIDRUG 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

A corollary variable capturing drug coverage is not included in the RAND HRS.

LASI Variables Used

Wave 1 Core:

HC102	Respondent covered with health insurance
HC104	Health Insurance cover
HC104S1	Health Insurance cover 1 Surgery
HC104S2	Health Insurance cover 2 Tests (e.g. X-Rays, MR
HC104S3	Health Insurance cover 3 Doctor visits
HC104S4	Health Insurance cover 4 Medicines
HC104S5	Health Insurance cover 5 Dental care
HC104S6	Health Insurance cover 6 In-home care
HC104S7	Health Insurance cover 7 Hospitalization charges
HC104S8	Health Insurance cover 8 Other, please specify H

Medical Expenditures: Premiums

Wave	Variable	Label	Type
1	R1PRMM1Y	rlprmmly:w1 r premium amount (imputed), prv year	Cont
1	S1PRMM1Y	slprmmly:w1 s premium amount, prv year	Cont
1	R1PRMMF1Y	rlprmmfly:w1 imput flag r premium amount, prv year	Categ
1	S1PRMMF1Y	slprmmfly:w1 imput flag s premium amount, prv year	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PRMM1Y	73408	272.02	5571.07	0.00	720000.00
S1PRMM1Y	50152	291.97	5893.77	0.00	720000.00
R1PRMMF1Y	73408	4.93	2.07	1.00	8.00
S1PRMMF1Y	50152	4.88	2.10	1.00	8.00

Categorical Variable Codes

Value-----	R1PRMMF1Y
1.continuous value	15810
5.no value/bracket	804
6.no expenditure	56049
7.dk expenditure	78
8.module not answered	667

Value-----	S1PRMMF1Y
.u:Unmar	16594
.v:SP NR	6662
1.continuous value	11302
5.no value/bracket	564
6.no expenditure	37936
7.dk expenditure	40
8.module not answered	310

How Constructed

RwPRMM1Y indicates how much the respondent paid in premiums per year (in rupees) for their health insurance policy or policies, which includes imputations for missing values. Refer to the section "Missing Values, Nonresponse, and Imputations" earlier in this document for more details. RwPRMM1Y is assigned a value of zero if the respondent reports having no health insurance. For don't know, refused, or other missing responses, the values of RwPRMM1Y are imputed.

RwFPRMM1Y is a flag indicating the highest level of imputation of the components of RwPRMM1Y. A code of 1 indicates the respondent reported continuous values for all components and no imputation was necessary. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is 0. A code of 7 indicates that the expenditures of the components are not known. A code of 8 indicates that the expenditures of the components are not known as the module was not answered. For more information, please see Section 5.6 in the LASI Wave 1 Data User Guide.

SwPRMM1Y indicates how much the respondent's current wave's spouse paid in premiums per year, and its values are taken directly from RwPRMM1Y. SwFPRMM1Y is the imputation flag of the respondent's spouse's imputation flag and is taken from RwFPRMM1Y. SwPRMM1Y and SwFPRMM1Y employ 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS asks separately about the premium costs for specific health insurance plans, and not for all health insurance plans. As such, this variable is not available in the RAND HRS or Harmonized HRS.

LASI Variables Used

Wave 1 Core:
 HC107_I
 HC107_I_F

Medical Expenditures: Hospitalization

Wave	Variable	Label	Type
1	R1OOPHOS1Y	rloophosly:w1 r hospitalization oop expenditure, prv year	Cont
1	S1OOPHOS1Y	sloophosly:w1 s hospitalization oop expenditure, prv year	Cont
1	R1OOPHOSF1Y	rloophosfly:w1 imput flag r hospitalization oop expenditure,	Categ
1	S1OOPHOSF1Y	sloophosfly:w1 imput flag s hospitalization oop expenditure,	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1OOPHOS1Y	73319	1534.07	15778.60	0.00	1281100.00
S1OOPHOS1Y	50092	1582.87	15944.38	0.00	1105000.00
R1OOPHOSF1Y	73408	5.73	1.15	-1.00	8.00
S1OOPHOSF1Y	50152	5.73	1.13	-1.00	8.00

Categorical Variable Codes

Value-----	R1OOPHOSF1Y
-1.not imputed, missing neighbors	89
1.continuous value	3095
2.complete bracket	364
3.incomplete bracket	1268
5.no value/bracket	9
6.no expenditure	67754
7.dk expenditure	163
8.module not answered	666
Value-----	S1OOPHOSF1Y
.u:Unmar	16594
.v:SP NR	6662
-1.not imputed, missing neighbors	60
1.continuous value	2068
2.complete bracket	244
3.incomplete bracket	879
5.no value/bracket	4
6.no expenditure	46484
7.dk expenditure	103
8.module not answered	310

How Constructed

RwOOPHOS1Y indicates the amount the respondent reported spending out-of-pocket on hospitalizations in the last year on their hospital stays, which includes imputations for missing values. Refer to the section "Missing Values, Nonresponse, and Imputations" earlier in this document for more details. Respondents who have spent at least one night in a hospital are asked how much they paid for each of the following during each visit:

1. health care provider's fees (consultation charges)
2. medicines from hospital
3. medicines from outside

4. tests/investigation
5. hospital and nursing home charges including bed charges and food
6. operation theater charger or surgery charges and related expenses
7. blood or oxygen cylinder
8. transportation
9. expenses of the accompanying person(s) (food/accommodation)
10. expenditure not elsewhere reported (others).

If the respondent answers don't know or refused to answer any of these categories, then the respondent is asked "What was the total amount that you or your household spent on this visit?" The total amount of out-of-pocket spending for each visit is the sum of all the individual charges if the respondent does not respond don't know or refused to any of the categories, and takes the total value reported otherwise. This is done for each of their hospital stays and is added together.

RwFOOPHOS1Y is a flag indicating the highest level of imputation of the components of RwOOPHOS1Y. A code of -1 indicates that the values are not imputed due to a lack of observations in the donor pool. A code of 1 indicates the respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 6 indicates the respondent reported not having any of the components and the value is 0. For more information, please see Section 5.6 in the LASI Wave 1 Data User Guide.

SwOOPHOS1Y indicates the amount the respondent's spouse's reported out-of-pocket spending on hospitalizations in the last year, and its values are taken from RwOOPHOS1Y. SwFOOPHOS1Y is the imputation flag of the current respondent's spouse's imputation flag and is taken from RwFOOPHOS1Y. SwOOPHOS1Y and SwFOOPHOS1Y employ 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwOOPHOS1Y is not calculated in the RAND HRS or Harmonized HRS.

LASI Variables Used

Wave 1 Core:

```

HC210A_10_1_I
HC210A_10_1_I_F
HC210A_10_2_I
HC210A_10_2_I_F
HC210A_10_3_I
HC210A_10_3_I_F
HC210A_10_4_I
HC210A_10_4_I_F
HC210A_1_1_I
HC210A_1_1_I_F
HC210A_1_2_I
HC210A_1_2_I_F
HC210A_1_3_I
HC210A_1_3_I_F
HC210A_1_4_I
HC210A_1_4_I_F

```

HC210A_2_1_I
HC210A_2_1_I_F
HC210A_2_2_I
HC210A_2_2_I_F
HC210A_2_3_I
HC210A_2_3_I_F
HC210A_2_4_I
HC210A_2_4_I_F
HC210A_3_1_I
HC210A_3_1_I_F
HC210A_3_2_I
HC210A_3_2_I_F
HC210A_3_3_I
HC210A_3_3_I_F
HC210A_3_4_I
HC210A_3_4_I_F
HC210A_4_1_I
HC210A_4_1_I_F
HC210A_4_2_I
HC210A_4_2_I_F
HC210A_4_3_I
HC210A_4_3_I_F
HC210A_4_4_I
HC210A_4_4_I_F
HC210A_5_1_I
HC210A_5_1_I_F
HC210A_5_2_I
HC210A_5_2_I_F
HC210A_5_3_I
HC210A_5_3_I_F
HC210A_5_4_I
HC210A_5_4_I_F
HC210A_6_1_I
HC210A_6_1_I_F
HC210A_6_2_I
HC210A_6_2_I_F
HC210A_6_3_I
HC210A_6_3_I_F
HC210A_6_4_I
HC210A_6_4_I_F
HC210A_7_1_I
HC210A_7_1_I_F
HC210A_7_2_I
HC210A_7_2_I_F
HC210A_7_3_I
HC210A_7_3_I_F
HC210A_7_4_I
HC210A_7_4_I_F
HC210A_8_1_I
HC210A_8_1_I_F
HC210A_8_2_I
HC210A_8_2_I_F
HC210A_8_3_I
HC210A_8_3_I_F
HC210A_8_4_I
HC210A_8_4_I_F
HC210A_9_1_I
HC210A_9_1_I_F
HC210A_9_2_I
HC210A_9_2_I_F
HC210A_9_3_I
HC210A_9_3_I_F
HC210A_9_4_I

HC210A_9_4_I_F

Medical Expenditures: Outpatient

Wave	Variable	Label	Type
1	R1OOPDOC1Y	rloopdocly:w1 r oop outpatient expenditures, prv year	Cont
1	S1OOPDOC1Y	sloopdocly:w1 s oop outpatient expenditures, prv year	Cont
1	R1OOPDOCF1Y	rloopdocfly:w1 imput flag r oop outpatient expenditures, prv	Categ
1	S1OOPDOCF1Y	sloopdocfly:w1 imput flag s oop outpatient expenditures, prv	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1OOPDOC1Y	73408	3250.75	21715.93	0.00	3000400.00
S1OOPDOC1Y	50152	3260.49	22193.68	0.00	3000400.00
R1OOPDOCF1Y	73408	3.44	2.53	1.00	8.00
S1OOPDOCF1Y	50152	3.48	2.52	1.00	8.00

Categorical Variable Codes

Value-----	R1OOPDOCF1Y
1.continuous value	37864
5.no value/bracket	168
6.no expenditure	34546
7.dk expenditure	162
8.module not answered	668

Value-----	S1OOPDOCF1Y
.u:Unmar	16594
.v:SP NR	6662
1.continuous value	25436
5.no value/bracket	79
6.no expenditure	24220
7.dk expenditure	107
8.module not answered	310

How Constructed

RwOOPDOC1Y indicates the total amount the respondent reported spending on outpatient expenditures in the previous year, which includes imputations for missing values. Refer to the section "Missing Values, Nonresponse, and Imputations" earlier in this document for more details. RwOOPDOC1Y includes the total value spent on all outpatient visits to health care facilities/providers in the last 12 months.

RwFOOPDOC1Y is a flag indicating the highest level of imputation of the components of RwOOPDOC1Y. A code of 1 indicates the respondent reported continuous values for all components and no imputation was necessary. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is 0. A code of 7 indicates that the expenditures of the components are not known. A code of 8 indicates that the expenditures of the components are not known as the module was not answered. For more information, please see Section 5.6 in the LASI Wave 1 Data User Guide.

SwOOPDOC1Y indicates the total amount the respondent's spouse's reported spending on outpatient expenditures in the previous year, and its values are taken from RwOOPDOC1Y. SwFOOPDOC1Y is the imputation flag of the respondent's spouse's imputation flag and is taken from RwFOOPDOC1Y. SwOOPDOC1Y and SwFOOPDOC1Y employ 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwOOPDOC1Y is not calculated in the RAND HRS or Harmonized HRS.

LASI Variables Used

Wave 1 Core:
 HC325_I
 HC325_I_F

Medical Expenditures: Others

Wave	Variable	Label	Type
1	R1OOPSUPL1Y	rloopsuplly:w1 r oop medication/health supplements expenditu	Cont
1	S1OOPSUPL1Y	sloopsuplly:w1 s oop medication/health supplements expenditu	Cont
1	R1OOPSUPLF1Y	rloopsuplfly:w1 imput flag r oop medication/health supplemen	Categ
1	S1OOPSUPLF1Y	sloopsuplfly:w1 imput flag s oop medication/health supplemen	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1OOPSUPL1Y	73408	708.38	4356.92	0.00	200000.00
S1OOPSUPL1Y	50152	717.32	4416.87	0.00	200000.00
R1OOPSUPLF1Y	73408	4.86	2.13	1.00	8.00
S1OOPSUPLF1Y	50152	4.85	2.13	1.00	8.00

Categorical Variable Codes

Value-----	R1OOPSUPLF1Y
1.continuous value	17050
5.no value/bracket	170
6.no expenditure	55326
7.dk expenditure	178
8.module not answered	684

Value-----	S1OOPSUPLF1Y
.u:Unmar	16594
.v:SP NR	6662
1.continuous value	11691
5.no value/bracket	88
6.no expenditure	37948
7.dk expenditure	111
8.module not answered	314

How Constructed

RwOOPSUPL1Y indicates the total amount the respondent reported spending on medication or health supplement expenditures in the previous year, which includes imputations for missing values. Refer to the section "Missing Values, Nonresponse, and Imputations" earlier in this document for more details. RwOOPSUPL1Y includes the total amount paid for medications or health supplements taken without consulting a health-care provider.

RwFOOPSUPL1Y is a flag indicating the highest level of imputation of the components of RwOOPSUPL1Y. A code of 1 indicates the respondent reported continuous values for all components and no imputation was necessary. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is 0. A code of 7 indicates that the expenditures of the components are not known. A code of 8 indicates that the expenditures of the components are not known as the module was not answered. For more information, please see Section 5.6 in the LASI Wave 1 Data User Guide.

SwOOPSUPL1Y indicates the total amount the respondent's spouse's reported spending on medication or health supplement expenditures in the previous year, and its values are taken from RwOOPSUPL1Y. SwFOOPSUPL1Y is the imputation flag of the respondent's spouse's imputation flag and is taken from

RwFOOPSUPL1Y. SwOOPSUPL1Y and SwFOOPSUPL1Y employ 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwOOPSUPL1Y is not calculated in the RAND HRS or Harmonized HRS.

LASI Variables Used

Wave 1 Core:
 HC327_I
 HC327_I_F

Medical Expenditures: Out of Pocket Total
--

Wave	Variable	Label	Type
1	R1OOPMD1Y_L	rloopmdly_l:w1 r total oop expenditures, prv year	Cont
1	S1OOPMD1Y_L	sloopmdly_l:w1 s total oop expenditures, prv year	Cont
1	R1OOPMDF1Y_L	rloopmdfly_l:w1 imput flag r total oop expenditures, prv yea	Categ
1	S1OOPMDF1Y_L	sloopmdfly_l:w1 imput flag s total oop expenditures, prv yea	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1OOPMD1Y_L	73319	5480.26	29876.48	0.00	3000800.00
S1OOPMD1Y_L	50092	5545.05	30764.17	0.00	3000800.00
R1OOPMDF1Y_L	73408	3.38	2.50	-1.00	8.00
S1OOPMDF1Y_L	50152	3.41	2.50	-1.00	8.00

Categorical Variable Codes

Value-----	R1OOPMDF1Y_L
-1.not imputed, missing neighbors	89
1.continuous value	37627
2.complete bracket	352
3.incomplete bracket	1257
5.no value/bracket	286
6.no expenditure	32787
7.dk expenditure	325
8.module not answered	685

Value-----	S1OOPMDF1Y_L
.u:Unmar	16594
.v:SP NR	6662
-1.not imputed, missing neighbors	60
1.continuous value	25279
2.complete bracket	236
3.incomplete bracket	874
5.no value/bracket	149
6.no expenditure	23034
7.dk expenditure	205
8.module not answered	315

How Constructed

RwOOPTOT is a summary variable indicating the total amount the respondent reported spending out-of-pocket on hospitalization, outpatient, and medication or health supplement expenditures. It is calculated as the sum of RWOOPHOS1Y, RWOOPDOC1Y, and RWOOPSUPL1Y.

RwFOOPTOT is a flag variable, indicating whether the values of RWOOPHOS1Y, RWOOPDOC1Y, or RWOOPSUPL1Y were imputed. A code of -1 indicates that the values are not imputed due to a lack of observations in the donor pool. A code of 1 indicates that the respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is 0. A code of 7 indicates that the expenditures of the components are not known. A code of 8 indicates that the

expenditures of the components are not known as the module was not answered. For more information, please see section 5.6 in the LASI Wave 1 Data User Guide.

SwOOPTOT indicates the total amount the respondent's current spouse reported spending out-of-pocket on hospitalization, outpatient, and medication or health supplements expenditures, and its values are taken from RwOOPTOT. SwFOOPTOT indicates whether the values of SwOOPHOS1Y, SwOOPDOC1Y, or SwOOPSUPL1Y were imputed or not, and its values are taken from RwFOOPTOT. SwOOPTOT and SwFOOPTOT employ 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The RAND HRS includes RwOOPMD and RwOOPMDF as a summary variable summing the out-of-pocket expenditures asked about in the HRS, and its accompanying imputation flag, for the last two years or since the respondent's previous interview. The HRS asks about the out-of-pocket costs for hospital visits, nursing home stays, outpatient surgery, doctor visits, dental visits, prescription medications, in-home medical care, other health care services, and other medical expenses. The LASI, on the other hand, asks about costs associated with each hospital visit, medical visits, and medical or health supplements in the past year.

Section D: Cognition

Date Naming

Wave	Variable	Label	Type
1	R1MO	rlmo:w1 r cognition date naming-month	Categ
1	S1MO	slmo:w1 s cognition date naming-month	Categ
1	R1FMO_L	rlfmo_l:w1 impflag: r cognition date naming-month	Categ
1	S1FMO_L	slfmo_l:w1 impflag: s cognition date naming-month	Categ
1	R1DY	rldy:w1 r cognition date naming-day of month	Categ
1	S1DY	sldy:w1 s cognition date naming-day of month	Categ
1	R1FDY_L	rlfdy_l:w1 impflag: r cognition date naming-day of month	Categ
1	S1FDY_L	slfdy_l:w1 impflag: s cognition date naming-day of month	Categ
1	R1YR	rlyr:w1 r cognition date naming-year	Categ
1	S1YR	slyr:w1 s cognition date naming-year	Categ
1	R1FYR_L	rlfyr_l:w1 impflag: r cognition date naming-year	Categ
1	S1FYR_L	slfyr_l:w1 impflag: s cognition date naming-year	Categ
1	R1DW	rldw:w1 r cognition date naming-day of week	Categ
1	S1DW	sldw:w1 s cognition date naming-day of week	Categ
1	R1FDW_L	rlfdw_l:w1 impflag: r cognition date naming-day of week	Categ
1	S1FDW_L	slfdw_l:w1 impflag: s cognition date naming-day of week	Categ
1	R1ORIENT	rlorient:w1 r cognition orientation to time(0-4)	Cont
1	S1ORIENT	slorient:w1 s cognition orientation to time(0-4)	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MO	72693	0.81	0.39	0.00	1.00
S1MO	49863	0.84	0.37	0.00	1.00
R1FMO_L	73408	0.14	1.29	0.00	13.00
S1FMO_L	50152	0.08	0.99	0.00	13.00
R1DY	72693	0.69	0.46	0.00	1.00
S1DY	49863	0.73	0.44	0.00	1.00
R1FDY_L	73408	0.14	1.29	0.00	13.00
S1FDY_L	50152	0.08	0.99	0.00	13.00
R1YR	72693	0.65	0.48	0.00	1.00

S1YR	49863	0.70	0.46	0.00	1.00
R1FYR_L	73408	0.14	1.29	0.00	13.00
S1FYR_L	50152	0.08	0.99	0.00	13.00
R1DW	72693	0.94	0.24	0.00	1.00
S1DW	49863	0.95	0.21	0.00	1.00
R1FDW_L	73408	0.14	1.29	0.00	13.00
S1FDW_L	50152	0.08	0.99	0.00	13.00
R1ORIENT	72693	3.09	1.17	0.00	4.00
S1ORIENT	49863	3.22	1.09	0.00	4.00

Categorical Variable Codes

Value-----	R1MO
.p:proxy	715
0.incorrect	13662
1.correct	59031
Value-----	S1MO
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.incorrect	7977
1.correct	41886
Value-----	R1FMO_L
0.Not imputed	72249
2.Imputed:Missing	401
4.Imputed:Refused	43
13.Left Missing:Proxy	715
Value-----	S1FMO_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	49660
2.Imputed:Missing	182
4.Imputed:Refused	21
13.Left Missing:Proxy	289
Value-----	R1DY
.p:proxy	715
0.incorrect	22748
1.correct	49945
Value-----	S1DY
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.incorrect	13389
1.correct	36474
Value-----	R1FDY_L
0.Not imputed	72252
2.Imputed:Missing	401
4.Imputed:Refused	40
13.Left Missing:Proxy	715
Value-----	S1FDY_L
.u:Unmar	16594

.v:SP NR		6662
0.Not imputed		49659
2.Imputed:Missing		184
4.Imputed:Refused		20
13.Left Missing:Proxy		289
Value-----		R1YR
.p:proxy		715
0.incorrect		25522
1.correct		47171
Value-----		S1YR
.p:proxy		289
.u:Unmar		16594
.v:SP NR		6662
0.incorrect		14997
1.correct		34866
Value-----		R1FYR_L
0.Not imputed		72243
2.Imputed:Missing		407
4.Imputed:Refused		43
13.Left Missing:Proxy		715
Value-----		S1FYR_L
.u:Unmar		16594
.v:SP NR		6662
0.Not imputed		49655
2.Imputed:Missing		185
4.Imputed:Refused		23
13.Left Missing:Proxy		289
Value-----		R1DW
.p:proxy		715
0.incorrect		4366
1.correct		68327
Value-----		S1DW
.p:proxy		289
.u:Unmar		16594
.v:SP NR		6662
0.incorrect		2397
1.correct		47466
Value-----		R1FDW_L
0.Not imputed		72274
2.Imputed:Missing		396
4.Imputed:Refused		23
13.Left Missing:Proxy		715
Value-----		S1FDW_L
.u:Unmar		16594
.v:SP NR		6662
0.Not imputed		49670
2.Imputed:Missing		181
4.Imputed:Refused		12
13.Left Missing:Proxy		289

How Constructed

RwDY, RwMO, RwYR, and RwDW indicate whether the respondent was able to report the interview's date correctly, including the day of the month, the month, the year, and the day of the week, respectively. Each of these variables is coded as 1 for a correct answer and 0 for either an incorrect answer or a don't know response. Refused or other missing responses of RwDY, RwMO, RwYR, and RwDW are assigned special missing codes .r or .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 the month, the month, the year, and the day of the week, respectively. Their values are taken from the spouse's values to RwdY, RwdMO, RwdYR, and RwdDW. In addition to the special missing codes used in RwdY, RwdMO, RwdYR, and RwdDW, SwDY, SwMO, SwYR and SwDW employ two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwORIENT is a summary measure for the respondent's ability to correctly name the day of the month, the month, the year, and the day of the week. It ranges from 0 to 4, with a higher score indicating a better orientation to time. RwORIENT is assigned special missing .d, .r, or .m if RwdY, RwdMO, RwdYR, or RwdDW is assigned the corresponding special missing code. RwORIENT is assigned special missing .p if the cognition questions were skipped because the interview was by proxy. RwORIENT is set to plain missing (.) if the respondent did not participate in the current wave.

SwORIENT is the current wave's spouse's time orientation score, and is taken from the spouse's values to RwORIENT. In addition to the special missing codes used in RwORIENT, SwORIENT employs two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwFMO_L, RwFDY_L, RwFYR_L, and RwFDW_L are flag variables, indicating whether the corresponding variable was assigned an imputed value. The flag variables are coded as follows: 0.Not imputed, 2.Missing, 4.Refused, and 13.Proxy. The original missing value is otherwise included. SwFMO_L, SwFDY_L, SwFYR_L, and SwFDW_L are the respondent's current wave's spouse's flag variables, and are taken from the spouse's values to RwdFMO_L, RwdFDY_L, RwdFYR_L, and RwdFDW_L, respectively. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwORIENT is not included in the RAND HRS.

LASI Variables Used

Wave 1 Core:	
MH002	Orientation_date
MH003	Orientation_month
MH004	Orientation_year
MH005	Oriantation_day of the week
MH126	Proxy_receive assistance

Location Naming

Wave	Variable	Label	Type
1	R1PLACE	rlplace:w1 r cognition place naming	Categ
1	S1PLACE	slplace:w1 s cognition place naming	Categ
1	R1FPLACE_L	rlfplace_l:w1 impflag: r cognition place naming	Categ
1	S1FPLACE_L	slfplace_l:w1 impflag: s cognition place naming	Categ
1	R1ADDRESS	rladdress:w1 r cognition street naming	Categ
1	S1ADDRESS	sladdress:w1 s cognition street naming	Categ
1	R1FADDRESS_L	rlfaddress_l:w1 impflag: r cognition street naming	Categ
1	S1FADDRESS_L	slfaddress_l:w1 impflag: s cognition street naming	Categ
1	R1CITY	rlcity:w1 r cognition city naming	Categ
1	S1CITY	slcity:w1 s cognition city naming	Categ
1	R1FCITY_L	rlfcity_l:w1 impflag: r cognition city naming	Categ
1	S1FCITY_L	slfcity_l:w1 impflag: s cognition city naming	Categ
1	R1DIST	rlldist:w1 r cognition district naming	Categ
1	S1DIST	slldist:w1 s cognition district naming	Categ
1	R1FDIST_L	rlfdist_l:w1 impflag: r cognition district naming	Categ
1	S1FDIST_L	slfdist_l:w1 impflag: s cognition district naming	Categ
1	R1ORIENTP	rlorientp:w1 r cognition orientation to place(0-4)	Cont
1	S1ORIENTP	slorientp:w1 s cognition orientation to place(0-4)	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PLACE	72693	0.97	0.18	0.00	1.00
S1PLACE	49863	0.97	0.16	0.00	1.00
R1FPLACE_L	73408	0.14	1.29	0.00	13.00
S1FPLACE_L	50152	0.08	0.99	0.00	13.00
R1ADDRESS	72693	0.95	0.21	0.00	1.00
S1ADDRESS	49863	0.96	0.19	0.00	1.00
R1FADDRESS_L	73408	0.14	1.29	0.00	13.00
S1FADDRESS_L	50152	0.08	0.99	0.00	13.00
R1CITY	72693	0.99	0.10	0.00	1.00

S1CITY	49863	0.99	0.08	0.00	1.00
R1FCITY_L	73408	0.14	1.28	0.00	13.00
S1FCITY_L	50152	0.08	0.99	0.00	13.00
R1DIST	72693	0.90	0.30	0.00	1.00
S1DIST	49863	0.92	0.27	0.00	1.00
R1FDIST_L	73408	0.14	1.28	0.00	13.00
S1FDIST_L	50152	0.08	0.99	0.00	13.00
R1ORIENTP	72693	3.81	0.52	0.00	4.00
S1ORIENTP	49863	3.85	0.45	0.00	4.00

Categorical Variable Codes

Value-----	R1PLACE
.p:proxy	715
0.incorrect	2380
1.correct	70313
Value-----	S1PLACE
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.incorrect	1304
1.correct	48559
Value-----	R1FPLACE_L
0.Not imputed	72280
2.Imputed:Missing	392
4.Imputed:Refused	21
13.Left Missing:Proxy	715
Value-----	S1FPLACE_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	49671
2.Imputed:Missing	179
4.Imputed:Refused	13
13.Left Missing:Proxy	289
Value-----	R1ADDRESS
.p:proxy	715
0.incorrect	3469
1.correct	69224
Value-----	S1ADDRESS
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.incorrect	1831
1.correct	48032
Value-----	R1FADDRESS_L
0.Not imputed	72205
2.Imputed:Missing	479
4.Imputed:Refused	9
13.Left Missing:Proxy	715
Value-----	S1FADDRESS_L
.u:Unmar	16594

.v:SP NR		6662
0.Not imputed		49630
2.Imputed:Missing		229
4.Imputed:Refused		4
13.Left Missing:Proxy		289
Value-----		R1CITY
.p:proxy		715
0.incorrect		720
1.correct		71973
Value-----		S1CITY
.p:proxy		289
.u:Unmar		16594
.v:SP NR		6662
0.incorrect		332
1.correct		49531
Value-----		R1FCITY_L
0.Not imputed		72293
2.Imputed:Missing		393
4.Imputed:Refused		7
13.Left Missing:Proxy		715
Value-----		S1FCITY_L
.u:Unmar		16594
.v:SP NR		6662
0.Not imputed		49680
2.Imputed:Missing		180
4.Imputed:Refused		3
13.Left Missing:Proxy		289
Value-----		R1DIST
.p:proxy		715
0.incorrect		7419
1.correct		65274
Value-----		S1DIST
.p:proxy		289
.u:Unmar		16594
.v:SP NR		6662
0.incorrect		3841
1.correct		46022
Value-----		R1FDIST_L
0.Not imputed		72291
2.Imputed:Missing		393
4.Imputed:Refused		9
13.Left Missing:Proxy		715
Value-----		S1FDIST_L
.u:Unmar		16594
.v:SP NR		6662
0.Not imputed		49679
2.Imputed:Missing		180
4.Imputed:Refused		4
13.Left Missing:Proxy		289

How Constructed

RwPLACE indicates whether the respondent was able to correctly report how the interview place was normally used. Plausible answers are specific answers, such as a living room, house, apartment, hospital, market, and so on. RwADDRESS indicates whether the respondent was able to name the street number, colony name, landmark, or neighborhood of their address correctly. RwCITY indicates whether the respondent was able to name the village, town, or city of their address correctly. RwDIST indicates whether the respondent was able to name the district of their address correctly. Each of these variables is coded 1 for a correct answer and 0 for an incorrect or a don't know response. Refused or other missing responses of RwPLACE, RwADDRESS, RwCITY, and RwDIST are assigned special missing codes .r or .m, respectively. RwPLACE, RwADDRESS, RwCITY, and RwDIST are set to special missing .p if the cognition questions were

skipped because the interview was by proxy. `RwPLACE`, `RwADDRESS`, `RwCITY`, and `RwDIST` are set to plain missing (.) for respondents who did not respond to the current wave.

`SwPLACE` indicates whether the current wave's spouse was able to correctly report the normal use of the interview location. `SwADDRESS`, `SwCITY`, and `SwDIST` indicate whether the current wave's spouse was able to correctly report the street name, city, and district of their address, respectively. The values for these variables are taken from the spouse's values to `RwPLACE`, `RwADDRESS`, `RwCITY`, and `RwDIST`. In addition to the special missing codes used in `RwPLACE`, `RwADDRESS`, `RwCITY`, and `RwDIST`, the spouse variables also employ two other missing codes: `.u` and `.v`. The special missing value `.u` is used when the respondent does not report being coupled in the current wave. The special missing value `.v` is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

`RwORIENTP` indicates the respondent's location orientation score. It is a summary measure for `RwPLACE`, `RwADDRESS`, `RwCITY`, and `RwDIST`, ranging from 0 to 4; the higher the score, the better oriented. `RwORIENTP` is assigned special missing `.d`, `.r`, or `.m` if `RwPLACE`, `RwADDRESS`, `RwCITY`, OR `RwDIST` is assigned the corresponding special missing code. `RwORIENTP` is assigned special missing `.p` if the cognition questions were skipped because the interview was by proxy. `RwORIENTP` is set to plain missing (.) if the respondent did not participate in the current wave.

`SwORIENTP` is the current wave's spouse's location orientation score and is taken from the spouse's values to `RwORIENTP`. In addition to the special missing codes used in `RwORIENTP`, `SwORIENTP` employs two other missing codes: `.u` and `.v`. The special missing value `.u` is used when the respondent does not report being coupled in the current wave. The special missing value `.v` is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

`RwFPLACE_L`, `RwFADDRESS_L`, `RwFCITY_L`, and `RwFDIST_L` are flag variables, indicating whether the corresponding variable was assigned an imputed value. The flag variables are coded as follows: 0.Not imputed, 2.Missing, 4.Refused, and 13.Proxy. The original missing value is otherwise included. `SwFPLACE_L`, `SwFADDRESS_L`, `SwFCITY_L`, and `SwFDIST_L` are the respondent's current wave's spouse's flag variables, and are taken from the spouse's values to `RwFPLACE_L`, `RwFADDRESS_L`, `RwFCITY_L`, and `RwFDIST_L`, respectively. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional missing codes: `.u` and `.v`. The special missing value `.u` is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

`RwPLACE`, `RwADDRESS`, `RwCITY`, `RwDIST`, and `RwORIENTP` are not included in the RAND HRS.

LASI Variables Used

Wave 1 Core:	
MH006	Orientation_place used for
MH007	Orientation_village/town/city
MH008	Orientation_landmark
MH009	Orientation_district name
MH126	Proxy_receive assistance

Ten Words Recall - Immediate, Delayed, and Total

Wave	Variable	Label	Type
1	R1IMRC	r1imrc:w1 r immediate word recall	Cont
1	S1IMRC	s1imrc:w1 s immediate word recall	Cont
1	R1FIMRC_L	r1fimrc_l:w1 impflag: r immediate word recall	Categ
1	S1FIMRC_L	s1fimrc_l:w1 impflag: s immediate word recall	Categ
1	R1DLRC	r1dlrc:w1 r delayed word recall	Cont
1	S1DLRC	s1dlrc:w1 s delayed word recall	Cont
1	R1FDLRC_L	r1fdlrc_l:w1 impflag: r delayed word recall	Categ
1	S1FDLRC_L	s1fdlrc_l:w1 impflag: s delayed word recall	Categ
1	R1TR20	r1tr20:w1 r word recall summary score	Cont
1	S1TR20	s1tr20:w1 s word recall summary score	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1IMRC	72693	5.15	1.86	0.00	10.00
S1IMRC	49863	5.31	1.81	0.00	10.00
R1FIMRC_L	73408	0.16	1.30	0.00	13.00
S1FIMRC_L	50152	0.10	1.01	0.00	13.00
R1DLRC	72693	4.02	1.94	0.00	10.00
S1DLRC	49863	4.16	1.93	0.00	10.00
R1FDLRC_L	73408	0.27	1.37	0.00	13.00
S1FDLRC_L	50152	0.19	1.08	0.00	13.00
R1TR20	72693	9.16	3.54	0.00	20.00
S1TR20	49863	9.48	3.48	0.00	20.00

Categorical Variable Codes

Value-----	R1FIMRC_L
0.Not imputed	71615
1.Imputed:Dont know	156
2.Imputed:Missing	869
4.Imputed:Refused	53
13.Left Missing:Proxy	715
Value-----	S1FIMRC_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	49307

1.Imputed:Dont know		89
2.Imputed:Missing		437
4.Imputed:Refused		30
13.Left Missing:Proxy		289

Value-----		R1FDLRC_L
0.Not imputed		67380
1.Imputed:Dont know		411
2.Imputed:Missing		4791
4.Imputed:Refused		111
13.Left Missing:Proxy		715

Value-----		S1FDLRC_L
.u:Unmar		16594
.v:SP NR		6662
0.Not imputed		46918
1.Imputed:Dont know		230
2.Imputed:Missing		2655
4.Imputed:Refused		60
13.Left Missing:Proxy		289

How Constructed

LASI included a 10-word recall list that was read aloud to respondents. Respondents were asked to recall these words twice during the interview - once immediately after the list was read and a second time after they had answered some other unrelated survey questions. Respondents were assigned to one of three non-overlapping word lists based on random selection.

RwIMRC is the cognition measure for the 10-word immediate recall test. RwIMRC counts the number of words that respondents correctly recalled from a 10-word list immediately after the list was read aloud to them. Interviewers read the list once, and respondents were given up to 2 minutes to recall words. Don't know, refused, or other missing responses of RwIMRC are assigned the special missing codes .d, .r, or .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. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwDLRC is the cognition measure for the 10-word delayed recall test. RwDLRC counts the number of words the respondent correctly recalled from a 10-word list after a delay spent answering other survey questions. Respondents were assigned to one of three non-overlapping lists based on random selection. Don't know, refused, or other missing responses of RwDLRC are assigned the special missing codes .d, .r, or .m, respectively. RwDLRC is set to special missing .p if the cognition questions were skipped because the interview was by proxy. Because of an error in the survey routing, there is a large number of (.m) missing values in wave 1. 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. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

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). Don't know, refused, or other missing responses are assigned the special missing codes .d, .r, or .m, respectively. RwTR20 is set to 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, and its values are taken from RwTR20. In addition to the special missing codes employed by RwTR20, SwTR20 employs two additional special missing

codes, .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwFIMRC_L and RwFDLRC_L are flag variables, indicating whether the corresponding variable was assigned an imputed value. The flag variables are coded as follows: 0.Not imputed, 1.Don't know, 2.Missing, 4.Refused, and 13.Proxy. The original missing value is otherwise included. SwFIMRC_L and SwFDLRC_L are the respondent's current wave's spouse flag variables, and are taken from the spouse's values to RwFIMRC_L and RwFDLRC_L, respectively. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Similarly to the LASI, the HRS randomly assigns word lists to respondents starting in wave 3. The word lists used in the LASI is different from the word lists used in the HRS.

LASI Variables Used

Wave 1 Core:

MH012	Immediate word recall_number of correct words re
MH012_WORDS1	Immediate word recall_word 1
MH056	Delayed word recall_number of correct words reca
MH056_WORDS1	Delayed word recall_word 1
MH126	Proxy_receive assistance

Verbal Fluency Score

Wave	Variable	Label	Type
1	R1VERBF	rlverbfbf:w1 r verbal fluency:animal naming-correct	Cont
1	S1VERBF	slverbfbf:w1 s verbal fluency:animal naming-correct	Cont
1	R1FVERBF_L	rlfverbfbf_l:w1 impflag: r verbal fluency:animal naming-correc	Categ
1	S1FVERBF_L	slfverbfbf_l:w1 impflag: s verbal fluency:animal naming-correc	Categ
1	R1VERBFI	rlverbfbfi:w1 r verbal fluency:animal naming-incorrect	Cont
1	S1VERBFI	slverbfbfi:w1 s verbal fluency:animal naming-incorrect	Cont
1	R1FVERBFI_L	rlfverbfbfi_l:w1 impflag: r verbal fluency:animal naming-incor	Categ
1	S1FVERBFI_L	slfverbfbfi_l:w1 impflag: s verbal fluency:animal naming-incor	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1VERBF	72693	11.57	4.49	0.00	61.00
S1VERBF	49863	11.86	4.45	0.00	61.00
R1FVERBF_L	73408	0.15	1.29	0.00	13.00
S1FVERBF_L	50152	0.09	1.00	0.00	13.00
R1VERBFI	72693	0.79	2.43	0.00	40.00
S1VERBFI	49863	0.81	2.49	0.00	40.00
R1FVERBFI_L	73408	0.15	1.29	0.00	13.00
S1FVERBFI_L	50152	0.09	1.00	0.00	13.00

Categorical Variable Codes

Value-----	R1FVERBF_L
0.Not imputed	72011
1.Imputed:Dont know	126
2.Imputed:Missing	466
4.Imputed:Refused	90
13.Left Missing:Proxy	715
Value-----	S1FVERBF_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	49530
1.Imputed:Dont know	75
2.Imputed:Missing	209
4.Imputed:Refused	49
13.Left Missing:Proxy	289
Value-----	R1FVERBFI_L
0.Not imputed	72016
1.Imputed:Dont know	123
2.Imputed:Missing	465

4.Imputed:Refused		89
13.Left Missing:Proxy		715
Value-----		S1FVERBFI_L
.u:Unmar		16594
.v:SP NR		6662
0.Not imputed		49531
1.Imputed:Dont know		74
2.Imputed:Missing		210
4.Imputed:Refused		48
13.Left Missing:Proxy		289

How Constructed

RwVERBF contains the respondent's verbal fluency score. The respondent has one minute to name as many and as fast as they can. Acceptable answers included any member of the animal kingdom, real or mythical. RwVERBF is the count of the number of acceptable animal names. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .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 additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwVERBFI indicates the number of incorrect animals the respondent names in the 60-seconds window. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwVERBFI is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwVERBFI is set to plain missing (.) for respondents who did not respond to the current wave.

SwVERBFI indicates the number of incorrect animals the respondent's current wave's spouse names in the 60-seconds window, and is taken from the spouse's values to RwVERBFI. In addition to the special missing codes used in RwVERBFI, SwVERBFI employs two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwFVERBF_L and RwFVERBFI_L are flag variables, indicating whether the corresponding variable was assigned an imputed value. The flag variables are coded as follows: 0.Not imputed, 1.Don't know, 2.Missing, 4.Refused, and 13.Proxy. The original missing value is otherwise included. SwFVERBF_L and SwFVERBFI_L are the respondent's current wave's spouse's flag variables, and are taken from the spouse's values to RwFVERBF_L and RwFVERBFI_L, respectively. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Verbal fluency based on animal naming was added to the HRS survey in 2010. A measure of verbal fluency is not currently included in the RAND HRS.

LASI Variables Used

Wave 1 Core:		
MH016_CORRECT		Verbal fluency_number of animals/birds named cor
MH016_INCORRECT		Verbal fluency_number of animals/birds named inc

MH126

Proxy_receive assistance

Object Naming

Wave	Variable	Label	Type
1	R1OBJECT1	r1object1:w1 r named first object	Categ
1	S1OBJECT1	s1object1:w1 s named first object	Categ
1	R1FOBJECT1_L	r1fobject1_l:w1 impflag: r named first object	Categ
1	S1FOBJECT1_L	s1fobject1_l:w1 impflag: s named first object	Categ
1	R1OBJECT2	r1object2:w1 r named second object	Categ
1	S1OBJECT2	s1object2:w1 s named second object	Categ
1	R1FOBJECT2_L	r1fobject2_l:w1 impflag: r named second object	Categ
1	S1FOBJECT2_L	s1fobject2_l:w1 impflag: s named second object	Categ
1	R1OBJECT	r1object:w1 r total object naming(0-2)	Cont
1	S1OBJECT	s1object:w1 s total object naming(0-2)	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1OBJECT1	72693	0.97	0.16	0.00	1.00
S1OBJECT1	49863	0.98	0.15	0.00	1.00
R1FOBJECT1_L	73408	0.14	1.29	0.00	13.00
S1FOBJECT1_L	50152	0.09	1.00	0.00	13.00
R1OBJECT2	72693	0.97	0.18	0.00	1.00
S1OBJECT2	49863	0.97	0.17	0.00	1.00
R1FOBJECT2_L	73408	0.14	1.29	0.00	13.00
S1FOBJECT2_L	50152	0.09	1.00	0.00	13.00
R1OBJECT	72693	1.94	0.29	0.00	2.00
S1OBJECT	49863	1.95	0.27	0.00	2.00

Categorical Variable Codes

Value-----	R1OBJECT1
.p:proxy	715
0.incorrect	2007
1.correct	70686
Value-----	S1OBJECT1
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.incorrect	1222
1.correct	48641

Value-----	R1FOBJECT1_L
0.Not imputed	72106
1.Imputed:Dont know	75
2.Imputed:Missing	466
4.Imputed:Refused	46
13.Left Missing:Proxy	715

Value-----	S1FOBJECT1_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	49604
1.Imputed:Dont know	26
2.Imputed:Missing	206
4.Imputed:Refused	27
13.Left Missing:Proxy	289

Value-----	R1OBJECT2
.p:proxy	715
0.incorrect	2509
1.correct	70184

Value-----	S1OBJECT2
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.incorrect	1442
1.correct	48421

Value-----	R1FOBJECT2_L
0.Not imputed	72087
1.Imputed:Dont know	88
2.Imputed:Missing	467
4.Imputed:Refused	51
13.Left Missing:Proxy	715

Value-----	S1FOBJECT2_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	49589
1.Imputed:Dont know	39
2.Imputed:Missing	207
4.Imputed:Refused	28
13.Left Missing:Proxy	289

How Constructed

RwOBJECT1 and RwOBJECT2 indicate whether the respondent properly identified 2 random objects that the interviewer pointed to. Interviewers were instructed to select any item within close reach, which could be "anything from cell phones, gloves, hats, rings, and umbrella". Don't know, refused, or other missing values for RwOBJECT1 and RwOBJECT2 are assigned special missing codes .d, .r, or .m, respectively. RwOBJECT1 and RwOBJECT2 are set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwOBJECT1 and RwOBJECT2 are set to plain missing (.) for respondents who did not respond to the current wave.

SwOBJECT1 and SwOBJECT2 indicate whether the respondent's spouse properly identified 2 random objects that the interviewer pointed to. SwOBJECT1 and SwOBJECT2 are taken from the spouse's value for RwOBJECT1 and RwOBJECT2, respectively. In addition to the special missing codes used in RwOBJECT1 and RwOBJECT2, SwOBJECT1 and SwOBJECT2 employ two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwOBJECT is a score indicating the number of correct responses between RwOBJECT1 and RwOBJECT2. Scores range from 0-2. Don't know, refused, or other missing values are assigned to RwOBJECT if RwOBJECT1 is special missing codes .d, .r, or .m, respectively. RwOBJECT is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwOBJECT is set to plain missing (.) for respondents who did not respond to the current wave.

SwOBJECT indicates the respondent's spouse total score for properly identifying the 2 random objects to which the interviewer pointed. SwOBJECT is taken from the spouse's value for RwOBJECT. In addition to the special missing codes used in RwOBJECT, SwOBJECT employs two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwFObject1_L and RwFObject2_L are flag variables, indicating whether the corresponding variable was assigned an imputed value. The flag variables are coded as follows: 0.Not imputed, 1.Don't know, 2.Missing, 4.Refused, and 13.Proxy. The original missing value is otherwise included. SwFObject1_L and SwFObject2_L are the respondent's current wave's spouse's flag variables, and are taken from the spouse's values to RwFObject1_L and RwFObject2_L, respectively. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In the HRS, the respondent is asked to identify two specific objects (scissors and cactus). Unlike the HRS, LASI asks the respondent to name two random objects that the interviewer points to.

LASI Variables Used

Wave 1 Core:	
MH019	Object naming_name of the first object shown
MH020	Object naming_name of the second object shown
MH126	Proxy_receive assistance

Backwards Counting

Wave	Variable	Label	Type
1	R1BWC20A	rlbwc20a:w1 r counting backward from 20	Categ
1	S1BWC20A	slbwc20a:w1 s counting backward from 20	Categ
1	R1FBWC20A_L	rlfbwc20a_l:w1 impflag: r counting backward from 20	Categ
1	S1FBWC20A_L	slfbwc20a_l:w1 impflag: s counting backward from 20	Categ
1	R1BWC100A	rlbwc100a:w1 r counting backward from 100	Categ
1	S1BWC100A	slbwc100a:w1 s counting backward from 100	Categ
1	R1FBWC100A_L	rlfbwc100a_l:w1 impflag: r counting backward from 100	Categ
1	S1FBWC100A_L	slfbwc100a_l:w1 impflag: s counting backward from 100	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1BWC20A	72693	0.60	0.49	0.00	1.00
S1BWC20A	49863	0.65	0.48	0.00	1.00
R1FBWC20A_L	73408	1.94	2.94	0.00	13.00
S1FBWC20A_L	50152	1.68	2.78	0.00	13.00
R1BWC100A	72693	0.36	0.48	0.00	1.00
S1BWC100A	49863	0.40	0.49	0.00	1.00
R1FBWC100A_L	73408	2.29	3.04	0.00	13.00
S1FBWC100A_L	50152	2.03	2.91	0.00	13.00

Categorical Variable Codes

Value-----	R1BWC20A
.p:Proxy	715
0.incorrect	28895
1.correct	43798
Value-----	S1BWC20A
.p:Proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.incorrect	17660
1.correct	32203
Value-----	R1FBWC20A_L
0.Not imputed	49855
1.Imputed:Dont know	336
2.Imputed:Missing	483
4.Imputed:Refused	208
6.Imputed:Cannot Count	21811
13.Left Missing:Proxy	715

Value-----	S1FBWC20A_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	36138
1.Imputed:Dont know	178
2.Imputed:Missing	215
4.Imputed:Refused	123
6.Imputed:Cannot Count	13209
13.Left Missing:Proxy	289

Value-----	R1BWC100A
.p:Proxy	715
0.incorrect	46288
1.correct	26405

Value-----	S1BWC100A
.p:Proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.incorrect	30074
1.correct	19789

Value-----	R1FBWC100A_L
0.Not imputed	45437
1.Imputed:Dont know	453
2.Imputed:Missing	484
4.Imputed:Refused	400
6.Imputed:Cannot Count	25919
13.Left Missing:Proxy	715

Value-----	S1FBWC100A_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	33074
1.Imputed:Dont know	261
2.Imputed:Missing	215
4.Imputed:Refused	257
6.Imputed:Cannot Count	16056
13.Left Missing:Proxy	289

How Constructed

RwBWC20A indicates whether the respondent was able to successfully count backwards from 20. A code of 1 is assigned if the respondent correctly counted backwards for 10 successive numbers, starting from 20. A code of 0 is assigned if the respondent made errors while counting.

RwBWC100A indicates whether the respondent was able to successfully count backwards from 100 without any errors. Two minutes were allotted for this task. Respondents were only asked to count backwards from 100 if they counted backwards from 20 without making any errors. A code of 1 is assigned if the respondent correctly counted from 100 within the 2-minute timeframe. A code of 0 is assigned if the respondent made errors while counting from 100 or from 20.

Don't know, refused, or other missing responses to RwBWC20A and RwBWC100A are assigned special missing values .d, .r, or .m, respectively. In addition, RwBWC100A were assigned .d or .r if answered don't know or refused while counting from 20. RwBWC20A and RwBWC100A are set to .p if the cognition questions were skipped because the interview was by proxy. RwBWC20A and RwBWC100A are set to .c if respondents cannot count. RwBWC20A and RwBWC100A are set to plain missing (.) for respondents who did not respond to the current wave.

SwBWC20A and SwBWC100A indicate whether the current wave's spouse was able to correctly count backwards from 20 and from 100, respectively. Their values are taken from RwBWC20A and RwBWC100A. In addition to the special missing codes used in RwBWC20A and RwBWC100A, SwBWC20A and SwBWC100A employ 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, the special missing value .u is used. If the respondent is not designated as coupled in the current wave but reports being married, the special missing value .v is used.

RwFBWC20A_L and RwFBWC100A_L are flag variables, indicating whether the corresponding variable was assigned an imputed value. The flag variables are coded as follows: 0.Not imputed, 1.Don't know, 2.Missing, 4.Refused, 6.Cannot count, and 13.Proxy. The original missing value is otherwise included. SwFBWC20A_L and SwFBWC100A_L are the respondent's current wave's spouse's flag variables, and are taken from the spouse's values to RwFBWC20A_L and RwFBWC100A_L, respectively. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In the Harmonized LASI, RwBWC20A is scored as 0 if the respondent was unsuccessful and 1 if the respondent was successful at counting backward from 20, as only a single trial was allowed. In the RAND HRS, RwBWC20 is scored as 0 if the respondent was unsuccessful, 1, if the respondent was successful on their second try, and 2 if the respondent was successful on their first try.

The Harmonized LASI includes backwards counting from 100 in RwBWC100A, while the RAND HRS includes backwards counting from 86 in RwBWC86.

LASI Variables Used

Wave 1 Core:	
MH036	Numeric ability_aptness to count backward
MH038	Numeric ability_to count backward
MH126	Proxy_receive assistance

Serial 7's

Wave	Variable	Label	Type
1	R1SER7	rlser7:w1 r serial 7s	Cont
1	S1SER7	slser7:w1 s serial 7s	Cont
1	R1FSER7_L	rlfser7_l:w1 impflag: r serial 7s	Categ
1	S1FSER7_L	slfser7_l:w1 impflag: s serial 7s	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SER7	72693	2.44	1.81	0.00	5.00
S1SER7	49863	2.61	1.80	0.00	5.00
R1FSER7_L	73408	1.96	2.95	0.00	13.00
S1FSER7_L	50152	1.72	2.79	0.00	13.00

Categorical Variable Codes

Value-----	R1FSER7_L
0.Not imputed	49648
2.Imputed:Missing	493
4.Imputed:Refused	702
6.Imputed:Cannot Count	21850
13.Left Missing:Proxy	715

Value-----	S1FSER7_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	35853
2.Imputed:Missing	217
4.Imputed:Refused	438
6.Imputed:Cannot Count	13355
13.Left Missing:Proxy	289

How Constructed

RwSER7 provides the number 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 responses are coded as 0. If the respondent is not able to count and is not able to begin the test, RwSER7 is coded as 0. Refused or other missing values for RwSER7 are assigned the special missing code .r or .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's serial 7's score and is taken directly from the spouse's value of RwSER7. In addition to the special missing codes used in RwSER7, SwSER7 employs two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwFSER7_L is a flag variable, indicating whether the corresponding variable was assigned an imputed value. The flag variables are coded as follows: 0.Not imputed, 2.Missing, 4.Refused, 6.Cannot count, and

13.Proxy. The original missing value is otherwise included. SwFSER7_L is the respondent's current wave's spouse's flag variable, and is taken from the spouse's values to RwfSER7_L. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HRS respondents in waves 1 and 2H are not asked to complete the serial 7's task.

LASI Variables Used

Wave 1 Core:	
MH040	Serial 7s_one hundred minus 7 equals
MH040_ANSWER	Serial 7s_first answer
MH041	Serial 7s_second answer
MH042	Serial 7s_third answer
MH043	Serial 7s_fourth answer
MH044	Serial 7s_fifth answer
MH126	Proxy_receive assistance

Computing

Wave	Variable	Label	Type
1	R1COMPU1	rlcompu1:w1 r able to do computation 1	Categ
1	S1COMPU1	slcompu1:w1 s able to do computation 1	Categ
1	R1FCOMPU1_L	rlfcompu1_l:w1 impflag: r able to do computation 1	Categ
1	S1FCOMPU1_L	slfcompu1_l:w1 impflag: s able to do computation 1	Categ
1	R1COMPU2	rlcompu2:w1 r able to do computation 2	Categ
1	S1COMPU2	slcompu2:w1 s able to do computation 2	Categ
1	R1FCOMPU2_L	rlfcompu2_l:w1 impflag: r able to do computation 2	Categ
1	S1FCOMPU2_L	slfcompu2_l:w1 impflag: s able to do computation 2	Categ
1	R1COMPU	rlcompu:w1 r computation total	Cont
1	S1COMPU	slcompu:w1 s computation total	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1COMPU1	72693	0.87	0.34	0.00	1.00
S1COMPU1	49863	0.89	0.31	0.00	1.00
R1FCOMPU1_L	73408	0.16	1.31	0.00	13.00
S1FCOMPU1_L	50152	0.10	1.02	0.00	13.00
R1COMPU2	72693	0.75	0.43	0.00	1.00
S1COMPU2	49863	0.79	0.41	0.00	1.00
R1FCOMPU2_L	73408	0.16	1.31	0.00	13.00
S1FCOMPU2_L	50152	0.10	1.02	0.00	13.00
R1COMPU	72693	1.62	0.68	0.00	2.00
S1COMPU	49863	1.68	0.62	0.00	2.00

Categorical Variable Codes

Value-----	R1COMPU1
.p:proxy	715
0.incorrect	9758
1.correct	62935
Value-----	S1COMPU1
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.incorrect	5391
1.correct	44472

Value-----	R1FCOMPU1_L
0.Not imputed	71914
2.Imputed:Missing	496
4.Imputed:Refused	283
13.Left Missing:Proxy	715
Value-----	S1FCOMPU1_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	49486
2.Imputed:Missing	216
4.Imputed:Refused	161
13.Left Missing:Proxy	289
Value-----	R1COMPU2
.p:proxy	715
0.incorrect	18127
1.correct	54566
Value-----	S1COMPU2
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.incorrect	10361
1.correct	39502
Value-----	R1FCOMPU2_L
0.Not imputed	71901
2.Imputed:Missing	497
4.Imputed:Refused	295
13.Left Missing:Proxy	715
Value-----	S1FCOMPU2_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	49474
2.Imputed:Missing	216
4.Imputed:Refused	173
13.Left Missing:Proxy	289

How Constructed

RwCOMPU1 indicates whether the respondent was able to do a specified computation. The respondent was given the following word problem to solve:

"A shop is having a sale and selling all items at half price. Before the sale, a sari costs 300 Rs. How much will it cost in the sale?"

If the respondent correctly answered the question, a value of 1 is assigned. If the respondent did not answer the question correctly, a value of 0 is assigned. Refused or other missing responses of RwCOMPU1 are assigned special missing codes .r or .m, respectively. RwCOMPU1 is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwCOMPU1 is set to plain missing (.) for respondents who did not respond to the current wave.

RwCOMPU2 indicates whether the respondent was able to do a specified computation. The respondent was given the following word problem to solve:

"If 5 people all have the winning numbers in the lottery and the prize is 1,000 Rs, how much will each of them get?"

If the respondent correctly answered the question, a value of 1 is assigned. If the respondent did not correctly answer the question, a value of 0 is assigned. Refused or other missing responses of RwCOMPU2 are assigned special missing codes .r or .m, respectively. RwCOMPU2 is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwCOMPU2 is set to plain missing (.) for respondents who did not respond to the current wave.

RwCOMPU indicates the number of correct computations completed between RwCOMPU1 and RwCOMPU2. Scores range from 0 to 2. Refused or other missing responses of RwCOMPU are assigned special missing codes .r and .m, respectively. RwCOMPU is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwCOMPU is set to plain missing (.) for respondents who did not respond to the current wave.

SwCOMPU1, SwCOMPU2 and SwCOMPU indicate whether the current wave's spouse is able to solve each computation, and the values are taken from the spouse's responses to RwCOMPU1, RwCOMPU2 and RwCOMPU. In addition to the special missing codes used in RwCOMPU1, RwCOMPU2 and RwCOMPU, SwCOMPU1, SwCOMPU2 and SwCOMPU employ two additional missing codes: .u and .v. The special missing value .u is assigned if the respondent did not report being coupled in the current wave. The special missing value .v is assigned if the respondent reported being coupled in the current wave but their spouse was not interviewed.

RwFCOMPU1_L and RwFCOMPU2_L are flag variables, indicating whether the corresponding variable was assigned an imputed value. The flag variables are coded as follows: 0.Not imputed, 2.Missing, 4.Refused, and 13.Proxy. The original missing value is otherwise included. SwFCOMPU1_L and SwFCOMPU2_L are the respondent's current wave's spouse's flag variables, and are taken from the spouse's values to RwFCOMPU1_L and RwFCOMPU2_L, respectively. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwCOMPU1, RwCOMPU2, and RwCOMPU are not included in RAND HRS.

LASI Variables Used

Wave 1 Core:	
MH046	Computation_sale in shop
MH047	Computation_lottery winning
MH126	Proxy_receive assistance

Whether able to Read Command

Wave	Variable	Label	Type
1	R1READ	rlread:w1 r able to read and close eyes	Categ
1	S1READ	slread:w1 s able to read and close eyes	Categ
1	R1FREAD_L	rlfread_l:w1 impflag: r able to read and close eyes	Categ
1	S1FREAD_L	slfread_l:w1 impflag: s able to read and close eyes	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1READ	39866	0.48	0.50	0.00	1.00
S1READ	29453	0.48	0.50	0.00	1.00
R1FREAD_L	73408	6.42	6.94	0.00	14.00
S1FREAD_L	50152	5.79	6.87	0.00	14.00

Categorical Variable Codes

Value-----	R1READ
.l:illiterate	32827
.p:proxy	715
0.did not read or complete	20753
1.read and completed	19113

Value-----	S1READ
.l:illiterate	20410
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.did not read or complete	15189
1.read and completed	14264

Value-----	R1FREAD_L
0.Not imputed	38864
1.Imputed:Dont know	307
2.Imputed:Missing	497
4.Imputed:Refused	198
13.Left Missing:Proxy	715
14.Left Missing:Cannot read/write	32827

Value-----	S1FREAD_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	28919
1.Imputed:Dont know	194
2.Imputed:Missing	218
4.Imputed:Refused	122
13.Left Missing:Proxy	289
14.Left Missing:Cannot read/write	20410

How Constructed

RwREAD indicates whether the respondent can read a sentence aloud and act the action out. The sentence that the respondent is asked to read is "Close your eyes". A code of 1 indicates that the respondent read the sentence aloud and closed their eyes. A code of 0 indicates that the respondent either did not read

the sentence or did not close their eyes. Special missing (.1) is assigned if respondent is illiterate. Don't know, refused, or other missing values for RwREAD are assigned the special missing codes .d, .r, or .m, respectively. RwREAD is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwREAD is set to plain missing (.) for respondents who did not respond to the current wave.

SwREAD indicates whether the respondent's spouse can read the sentence "Close your eyes" on the test paper and act the action out. Its values are taken from RwREAD. In addition to the special missing codes used in RwREAD, SwREAD employs two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwFREAD_L is a flag variable, indicating whether the corresponding variable was assigned an imputed value. The flag variable is coded as follows: 0.Not imputed, 1.Don't know, 2.Missing, 4.Refused, 13.Proxy, and 14.Cannot read/write. The original missing value is otherwise included. SwFREAD_L is the respondent's current wave's spouse's flag variable, and is taken from the spouse's values to RwFREAD_L. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

These variables are not asked in the HRS.

LASI Variables Used

Wave 1 Core:	
MH048	Literacy & executive function_ability to read an
MH126	Proxy_receive assistance

Writing a Sentence

Wave	Variable	Label	Type
1	R1SENTEN	rlsenten:w1 r able to write a sentence	Categ
1	S1SENTEN	slsenten:w1 s able to write a sentence	Categ
1	R1FSENTEN_L	rlfsenten_l:w1 impflag: r able to write a sentence	Categ
1	S1FSENTEN_L	slfsenten_l:w1 impflag: s able to write a sentence	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SENTEN	38089	0.84	0.36	0.00	1.00
S1SENTEN	28288	0.85	0.35	0.00	1.00
R1FSENTEN_L	73408	6.76	6.96	0.00	14.00
S1FSENTEN_L	50152	6.13	6.92	0.00	14.00

Categorical Variable Codes

Value-----	R1SENTEN
.l:illiterate	34604
.p:proxy	715
0.could not write sentence	6000
1.wrote sentence	32089

Value-----	S1SENTEN
.l:illiterate	21575
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.could not write sentence	4159
1.wrote sentence	24129

Value-----	R1FSENTEN_L
0.Not imputed	37027
1.Imputed:Dont know	194
2.Imputed:Missing	499
4.Imputed:Refused	369
13.Left Missing:Proxy	715
14.Left Missing:Cannot read/write	34604

Value-----	S1FSENTEN_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	27699
1.Imputed:Dont know	117
2.Imputed:Missing	219
4.Imputed:Refused	253
13.Left Missing:Proxy	289
14.Left Missing:Cannot read/write	21575

How Constructed

RwSENTEN indicates whether the respondent was able to write a sentence about how he/she was feeling on the interview day or about that day's weather. A code of 1 indicates that the respondent was able to write the sentence while a code of 0 indicates that the respondent could not write a sentence. Don't

know, refused, or other missing values for RwsENTEN are assigned special missing codes .d, .r, or .m, respectively. Special missing (.l) is assigned if respondent is illiterate. RwsENTEN is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwsENTEN is set to plain missing (.) for respondents who did not respond to the current wave.

SwsENTEN indicates whether the respondent’s spouse can write a sentence. SwsENTEN is taken from the spouse’s value for RwsENTEN. In addition to the special missing codes used in RwsENTEN, SwsENTEN employs two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwFSENTEN_L is a flag variable, indicating whether the corresponding variable was assigned an imputed value. The flag variable is coded as follows: 0.Not imputed, 1.Don't know, 2.Missing, 4.Refused, 13.Proxy, and 14.Cannot read/write. The original missing value is otherwise included. SwFSENTEN_L is the respondent's current wave's spouse's flag variable, and is taken from the spouse's values to RwFSENTEN_L. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

These variables are not asked in the HRS.

LASI Variables Used

Wave 1 Core:	
MH049	Literacy & executive function_sentence on weathe
MH126	Proxy_receive assistance

Executive Function

Wave	Variable	Label	Type
1	R1EXECU	rlxecu:w1 r able to do 3-stage task (folding paper)	Categ
1	S1EXECU	slxecu:w1 s able to do 3-stage task (folding paper)	Categ
1	R1FEXECU_L	rlfxecu_l:w1 impflag: r able to do 3-stage task (folding pa	Categ
1	S1FEXECU_L	slfxecu_l:w1 impflag: s able to do 3-stage task (folding pa	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1EXECU	72693	2.07	0.87	0.00	3.00
S1EXECU	49863	2.11	0.85	0.00	3.00
R1FEXECU_L	73408	0.15	1.30	0.00	13.00
S1FEXECU_L	50152	0.10	1.01	0.00	13.00

Categorical Variable Codes

Value-----	R1EXECU
.p:proxy	715
0.none	3779
1.one of the tasks	13952
2.two of the tasks	28592
3.all of the tasks	26370
Value-----	S1EXECU
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.none	2098
1.one of the tasks	9184
2.two of the tasks	19542
3.all of the tasks	19039
Value-----	R1FEXECU_L
0.Not imputed	71791
1.Imputed:Dont know	183
2.Imputed:Missing	508
4.Imputed:Refused	211
13.Left Missing:Proxy	715
Value-----	S1FEXECU_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	49414
1.Imputed:Dont know	96
2.Imputed:Missing	224
4.Imputed:Refused	129
13.Left Missing:Proxy	289

How Constructed

RwEXECU indicates whether the respondent can follow directions regarding folding a piece of paper. The respondent is asked to do the following three actions:

- 1.Turn over the paper,
- 2.Fold the paper in half, and
- 3.Give the paper back to the interviewer.

A code of 1 indicates that the respondent completed one of the actions (turning the paper, folding the paper, or returning the paper). A code of 2 indicates that the respondent completed two of the actions. A code of 3 indicates that the respondent completed all three actions successfully. A code of 0 indicates that the respondent did not complete any action successfully. Don't know, refused, or other missing values for RwEXECU are assigned special missing codes .d, .r, or .m, respectively. RwEXECU is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwEXECU is set to plain missing (.) for respondents who did not respond to the current wave.

SwEXECU indicates whether the respondent's spouse can follow directions regarding folding a piece of paper. SwEXECU is taken from the spouse's value for RwEXECU. In addition to the special missing codes used in RwEXECU, SwEXECU employs two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwFEXECU_L is a flag variable, indicating whether the corresponding variable was assigned an imputed value. The flag variable is coded as follows: 0.Not imputed, 1.Don't know, 2.Missing, 4.Refused, and 13.Proxy. The original missing value is otherwise included. SwFEXECU_L is the respondent's current wave's spouse's flag variable, and is taken from the spouse's values to RwFEXECU_L. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

These variables are not asked in the HRS.

LASI Variables Used

Wave 1 Core:	
MH050	Literacy & executive function_following the dire
MH126	Proxy_receive assistance

Drawing picture

Wave	Variable	Label	Type
1	R1DRAW	rldraw:w1 r able to draw overlapped pentagons	Categ
1	S1DRAW	sldraw:w1 s able to draw overlapped pentagons	Categ
1	R1FDRAW_L	rlfdraw_l:w1 impflag: r able to draw overlapped pentagons	Categ
1	S1FDRAW_L	slfdraw_l:w1 impflag: s able to draw overlapped pentagons	Categ
1	R1DRAWCL	rldrawcl:w1 r cognition able to draw a clock	Categ
1	S1DRAWCL	sldrawcl:w1 s cognition able to draw a clock	Categ
1	R1FDRAWCL_L	rlfdrawcl_l:w1 impflag: r cognition able to draw a clock	Categ
1	S1FDRAWCL_L	slfdrawcl_l:w1 impflag: s cognition able to draw a clock	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DRAW	72693	0.43	0.49	0.00	1.00
S1DRAW	49863	0.47	0.50	0.00	1.00
R1FDRAW_L	73408	0.51	1.60	0.00	13.00
S1FDRAW_L	50152	0.41	1.35	0.00	13.00
R1DRAWCL	72693	1.23	1.29	0.00	3.00
S1DRAWCL	49863	1.35	1.31	0.00	3.00
R1FDRAWCL_L	73408	0.50	1.57	0.00	13.00
S1FDRAWCL_L	50152	0.40	1.32	0.00	13.00

Categorical Variable Codes

Value-----	R1DRAW
.p:proxy	715
0.incorrect	41596
1.correct	31097
Value-----	S1DRAW
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.incorrect	26651
1.correct	23212
Value-----	R1FDRAW_L
0.Not imputed	63046
1.Imputed:Dont know	689
2.Imputed:Missing	514
3.Imputed:Not Assessed	7474
4.Imputed:Refused	970
13.Left Missing:Proxy	715

Value-----	S1FDRAW_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	44191
1.Imputed:Dont know	390
2.Imputed:Missing	226
3.Imputed:Not Assessed	4475
4.Imputed:Refused	581
13.Left Missing:Proxy	289

Value-----	R1DRAWCL
.p:Proxy	715
0.no aspects correct	32599
1.only one aspect correct	12295
2.only two aspects correct	6087
3.all aspects correct	21712

Value-----	S1DRAWCL
.p:Proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.no aspects correct	20279
1.only one aspect correct	8381
2.only two aspects correct	4480
3.all aspects correct	16723

Value-----	R1FDRAWCL_L
0.Not imputed	62671
1.Imputed:Dont know	241
2.Imputed:Missing	2174
3.Imputed:Not Assessed	7474
4.Imputed:Refused	133
13.Left Missing:Proxy	715

Value-----	S1FDRAWCL_L
.u:Unmar	16594
.v:SP NR	6662
0.Not imputed	43986
1.Imputed:Dont know	130
2.Imputed:Missing	1198
3.Imputed:Not Assessed	4475
4.Imputed:Refused	74
13.Left Missing:Proxy	289

How Constructed

RwDRAW indicates whether the respondent was able to draw an assigned picture (picture of two overlapping pentagons, which was shown to the respondent). A 1 is assigned if the respondent drew the picture, while a 0 is assigned if the respondent failed to draw the picture. If the interviewer marked this question as "not applicable", the special missing .n is assigned. Don't know, refused, or other missing responses of RwDRAW are assigned special missing codes .d, .r, or .m, respectively. RwDRAW is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwDRAW is set to plain missing (.) for respondents who did not respond to this wave.

SwDRAW indicates whether the current wave's spouse was able to draw an assigned picture correctly, and is taken directly from the spouse's value to RwDRAW. In addition to the special missing codes used in RwDRAW, SwDRAW employs two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwDRAWCL indicates whether the respondent successfully drew a clock showing the time of ten past eleven. Respondents were scored on three aspects of their drawing: whether the contour, numbers, and hands were correct. A value of 0 was assigned if none of the three aspects were drawn correctly. A value of 1 was assigned if only one of the aspects was drawn correctly. A value of 2 was assigned if only two aspects were drawn correctly. A value of 3 was assigned if all three aspects were drawn correctly. If the interviewer marked this question as "not applicable", the special missing .n is assigned. Don't know, refused, or other missing responses of RwDRAWCL are assigned special missing codes .d, .r, or .m, respectively. RwDRAWCL is set to special missing .p if the cognition questions were skipped because the

interview was by proxy. RwDRAWCL is set to plain missing (.) for respondents who did not respond to this wave.

SwDRAWCL indicates whether the current wave's spouse was able to draw a clock showing the time of ten past eleven correctly, and is taken directly from the spouse's value to RwDRAWCL. In addition to the special missing codes used in RwDRAWCL, SwDRAWCL employs two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwFDRAW_L and RwFDRAWCL_L are flag variables, indicating whether the corresponding variable was assigned an imputed value. The flag variable is coded as follows: 0.Not imputed, 1.Don't know, 2.Missing, 3.Not Assessed, 4.Refused, and 13.Proxy. The original missing value is otherwise included. SwFDRAW_L and SwFDRAWCL_L are the respondent's current wave's spouse's flag variables, and are taken from the spouse's values to RwFDRAW_L and RwFDRAWCL_L, respectively. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

These questions are not asked in the HRS.

LASI Variables Used

Wave 1 Core:	
MH051	Drawing_two pentagons overlapped
MH052	Drawing_clock contour
MH053	Drawing_clock number
MH054	Drawing_clock hands
MH126	Proxy_receive assistance

Factor Analysis

Wave	Variable	Label	Type
1	R1FGCP	rlfgcp:w1 r factor analysis: general cognitive factor score	Cont
1	S1FGCP	slfgcp:w1 s factor analysis: general cognitive factor score	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1FGCP	72693	0.27	0.94	-3.50	3.25
S1FGCP	49863	0.39	0.90	-3.50	3.25

How Constructed

RwFGCP is a general cognitive factor score that reflects the respondent's cognitive function as a latent trait using a graded response item response theory model [Muthen and Muthen, 2017]. It is created based upon the 11 common and 42 non-common items between the LASI and the Longitudinal Aging Study in India Diagnostic Assessment of Dementia (LASI-DAD), and is scaled to have a mean of 0 and a variance of 1 within the LASI-DAD population. RwFGCP is not sensitive to inclusion of items that are dependent on literacy. RwFGCP is set to special missing .p if the cognition questions were skipped because the interview was by proxy. RwFGCP is set to plain missing (.) for respondents who did not respond to this wave.

SwFGCP is a general cognitive factor score that reflects the respondent's spouse's cognitive function as a latent trait using a graded response item response theory model [Muthen and Muthen, 2017], and is taken directly from the spouse's value to RwFGCP. In addition to the special missing codes used in RwFGCP, SwFGCP employs two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

A general cognitive factor score is not included in either the RAND HRS or the Harmonized HRS.

JORM IQCODE Test

Wave	Variable	Label	Type
1	R1CIQSCORE1	rlciqscore1:w1 JORM family/friend details	Categ
1	S1CIQSCORE1	slciqscore1:w1 JORM family/friend details	Categ
1	R1CIQSCORE2	rlciqscore2:w1 JORM recent events	Categ
1	S1CIQSCORE2	slciqscore2:w1 JORM recent events	Categ
1	R1CIQSCORE3	rlciqscore3:w1 JORM recent conversations	Categ
1	S1CIQSCORE3	slciqscore3:w1 JORM recent conversations	Categ
1	R1CIQSCORE4	rlciqscore4:w1 JORM address and telephone number	Categ
1	S1CIQSCORE4	slciqscore4:w1 JORM address and telephone number	Categ
1	R1CIQSCORE5	rlciqscore5:w1 JORM day and month	Categ
1	S1CIQSCORE5	slciqscore5:w1 JORM day and month	Categ
1	R1CIQSCORE6	rlciqscore6:w1 JORM where things are usually kept	Categ
1	S1CIQSCORE6	slciqscore6:w1 JORM where things are usually kept	Categ
1	R1CIQSCORE7	rlciqscore7:w1 JORM where to find things	Categ
1	S1CIQSCORE7	slciqscore7:w1 JORM where to find things	Categ
1	R1CIQSCORE8	rlciqscore8:w1 JORM work familiar machines	Categ
1	S1CIQSCORE8	slciqscore8:w1 JORM work familiar machines	Categ
1	R1CIQSCORE9	rlciqscore9:w1 JORM new gadget or machine	Categ
1	S1CIQSCORE9	slciqscore9:w1 JORM new gadget or machine	Categ
1	R1CIQSCORE10	rlciqscore10:w1 JORM new things in general	Categ
1	S1CIQSCORE10	slciqscore10:w1 JORM new things in general	Categ
1	R1CIQSCORE11	rlciqscore11:w1 JORM story in a book or on TV	Categ
1	S1CIQSCORE11	slciqscore11:w1 JORM story in a book or on TV	Categ
1	R1CIQSCORE12	rlciqscore12:w1 JORM making decisions on everyday matters	Categ
1	S1CIQSCORE12	slciqscore12:w1 JORM making decisions on everyday matters	Categ
1	R1CIQSCORE13	rlciqscore13:w1 JORM handling money for shopping	Categ
1	S1CIQSCORE13	slciqscore13:w1 JORM handling money for shopping	Categ
1	R1CIQSCORE14	rlciqscore14:w1 JORM handling financial matters	Categ
1	S1CIQSCORE14	slciqscore14:w1 JORM handling financial matters	Categ
1	R1CIQSCORE15	rlciqscore15:w1 JORM handling other everyday arithmetic prob	Categ

1	S1CIQSCORE15	s1ciqscore15:w1	JORM handling other everyday arithmetic prob	Categ
1	R1CIQSCORE16	rlciqscore16:w1	JORM reason things through	Categ
1	S1CIQSCORE16	s1ciqscore16:w1	JORM reason things through	Categ
1	R1CJORMSCORE	rlcjormscore:w1	JORM average score	Cont
1	S1CJORMSCORE	s1cjormscore:w1	JORM average score	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1CIQSCORE1	715	3.82	1.14	1.00	5.00
S1CIQSCORE1	289	3.80	1.18	1.00	5.00
R1CIQSCORE2	715	3.73	1.12	1.00	5.00
S1CIQSCORE2	289	3.66	1.16	1.00	5.00
R1CIQSCORE3	715	3.78	1.11	1.00	5.00
S1CIQSCORE3	289	3.72	1.16	1.00	5.00
R1CIQSCORE4	714	4.14	1.07	1.00	5.00
S1CIQSCORE4	289	4.04	1.12	1.00	5.00
R1CIQSCORE5	714	3.98	1.15	1.00	5.00
S1CIQSCORE5	289	3.87	1.22	1.00	5.00
R1CIQSCORE6	714	3.89	1.15	1.00	5.00
S1CIQSCORE6	289	3.83	1.20	1.00	5.00
R1CIQSCORE7	714	3.89	1.13	1.00	5.00
S1CIQSCORE7	289	3.81	1.17	1.00	5.00
R1CIQSCORE8	715	4.04	1.10	1.00	5.00
S1CIQSCORE8	289	3.94	1.17	1.00	5.00
R1CIQSCORE9	714	4.15	1.11	1.00	5.00
S1CIQSCORE9	289	4.00	1.21	1.00	5.00
R1CIQSCORE10	714	4.16	1.10	1.00	5.00
S1CIQSCORE10	289	4.03	1.21	1.00	5.00
R1CIQSCORE11	714	4.09	1.15	1.00	5.00
S1CIQSCORE11	289	3.98	1.21	1.00	5.00
R1CIQSCORE12	714	4.09	1.10	1.00	5.00
S1CIQSCORE12	289	3.98	1.16	1.00	5.00

R1CIQSCORE13	715	4.19	1.07	1.00	5.00
S1CIQSCORE13	289	4.11	1.13	1.00	5.00
R1CIQSCORE14	714	4.21	1.10	1.00	5.00
S1CIQSCORE14	289	4.11	1.18	1.00	5.00
R1CIQSCORE15	714	4.22	1.06	1.00	5.00
S1CIQSCORE15	289	4.16	1.13	1.00	5.00
R1CIQSCORE16	714	4.10	1.13	1.00	5.00
S1CIQSCORE16	289	3.99	1.19	1.00	5.00
R1CJORMSCORE	715	4.03	0.93	1.00	5.00
S1CJORMSCORE	289	3.94	1.00	1.00	5.00

Categorical Variable Codes

Value-----	R1CIQSCORE1
.p:non-proxy interview	72693
1.Much improved	33
2.A bit improved	54
3.Not much change	181
4.A bit worse	189
5.Much worse	258
Value-----	S1CIQSCORE1
.p:non-proxy interview	49863
.u:Unmar	16594
.v:SP NR	6662
1.Much improved	15
2.A bit improved	24
3.Not much change	73
4.A bit worse	70
5.Much worse	107
Value-----	R1CIQSCORE2
.p:non-proxy interview	72693
1.Much improved	35
2.A bit improved	51
3.Not much change	211
4.A bit worse	196
5.Much worse	222
Value-----	S1CIQSCORE2
.p:non-proxy interview	49863
.u:Unmar	16594
.v:SP NR	6662
1.Much improved	18
2.A bit improved	20
3.Not much change	93
4.A bit worse	70
5.Much worse	88
Value-----	R1CIQSCORE3
.p:non-proxy interview	72693
1.Much improved	24
2.A bit improved	68
3.Not much change	185
4.A bit worse	200
5.Much worse	238
Value-----	S1CIQSCORE3

.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		12
2.A bit improved		34
3.Not much change		71
4.A bit worse		77
5.Much worse		95

Value-----		R1CIQSCORE4
.d:DK		1
.p:non-proxy interview		72693
1.Much improved		21
2.A bit improved		34
3.Not much change		137
4.A bit worse		156
5.Much worse		366

Value-----		S1CIQSCORE4
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		12
2.A bit improved		15
3.Not much change		56
4.A bit worse		71
5.Much worse		135

Value-----		R1CIQSCORE5
.d:DK		1
.p:non-proxy interview		72693
1.Much improved		33
2.A bit improved		45
3.Not much change		146
4.A bit worse		166
5.Much worse		324

Value-----		S1CIQSCORE5
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		18
2.A bit improved		22
3.Not much change		63
4.A bit worse		63
5.Much worse		123

Value-----		R1CIQSCORE6
.d:DK		1
.p:non-proxy interview		72693
1.Much improved		30
2.A bit improved		55
3.Not much change		170
4.A bit worse		168
5.Much worse		291

Value-----		S1CIQSCORE6
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		14
2.A bit improved		26
3.Not much change		74
4.A bit worse		57
5.Much worse		118

Value-----		R1CIQSCORE7
.d:DK		1
.p:non-proxy interview		72693
1.Much improved		26
2.A bit improved		55

3.Not much change		176
4.A bit worse		170
5.Much worse		287

Value-----		S1CIQSCORE7
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		12
2.A bit improved		28
3.Not much change		74
4.A bit worse		63
5.Much worse		112

Value-----		R1CIQSCORE8
.p:non-proxy interview		72693
1.Much improved		25
2.A bit improved		40
3.Not much change		151
4.A bit worse		166
5.Much worse		333

Value-----		S1CIQSCORE8
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		14
2.A bit improved		21
3.Not much change		60
4.A bit worse		67
5.Much worse		127

Value-----		R1CIQSCORE9
.d:DK		1
.p:non-proxy interview		72693
1.Much improved		27
2.A bit improved		36
3.Not much change		121
4.A bit worse		149
5.Much worse		381

Value-----		S1CIQSCORE9
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		16
2.A bit improved		22
3.Not much change		49
4.A bit worse		60
5.Much worse		142

Value-----		R1CIQSCORE10
.d:DK		1
.p:non-proxy interview		72693
1.Much improved		27
2.A bit improved		36
3.Not much change		116
4.A bit worse		155
5.Much worse		380

Value-----		S1CIQSCORE10
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		16
2.A bit improved		21
3.Not much change		48
4.A bit worse		57
5.Much worse		147

Value-----		R1CIQSCORE11
------------	--	--------------

.d:DK		1
.p:non-proxy interview		72693
1.Much improved		29
2.A bit improved		44
3.Not much change		133
4.A bit worse		136
5.Much worse		372

Value-----		S1CIQSCORE11
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		15
2.A bit improved		22
3.Not much change		57
4.A bit worse		54
5.Much worse		141

Value-----		R1CIQSCORE12
.d:DK		1
.p:non-proxy interview		72693
1.Much improved		20
2.A bit improved		43
3.Not much change		149
4.A bit worse		142
5.Much worse		360

Value-----		S1CIQSCORE12
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		12
2.A bit improved		19
3.Not much change		68
4.A bit worse		54
5.Much worse		136

Value-----		R1CIQSCORE13
.p:non-proxy interview		72693
1.Much improved		19
2.A bit improved		38
3.Not much change		127
4.A bit worse		133
5.Much worse		398

Value-----		S1CIQSCORE13
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		12
2.A bit improved		14
3.Not much change		57
4.A bit worse		53
5.Much worse		153

Value-----		R1CIQSCORE14
.d:DK		1
.p:non-proxy interview		72693
1.Much improved		24
2.A bit improved		34
3.Not much change		124
4.A bit worse		118
5.Much worse		414

Value-----		S1CIQSCORE14
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		13
2.A bit improved		18
3.Not much change		54

4.A bit worse		43
5.Much worse		161
Value-----		R1CIQSCORE15
.d:DK		1
.p:non-proxy interview		72693
1.Much improved		19
2.A bit improved		34
3.Not much change		124
4.A bit worse		131
5.Much worse		406
Value-----		S1CIQSCORE15
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		11
2.A bit improved		16
3.Not much change		51
4.A bit worse		50
5.Much worse		161
Value-----		R1CIQSCORE16
.d:DK		1
.p:non-proxy interview		72693
1.Much improved		28
2.A bit improved		36
3.Not much change		144
4.A bit worse		133
5.Much worse		373
Value-----		S1CIQSCORE16
.p:non-proxy interview		49863
.u:Unmar		16594
.v:SP NR		6662
1.Much improved		14
2.A bit improved		20
3.Not much change		63
4.A bit worse		50
5.Much worse		142

How Constructed

The following variables pertain to a series of questions that asked the proxy whether the respondent has improved, stayed the same, or gotten worse in various situations that require memory or intelligence. The interviewer emphasized the importance of comparing present performance with past performance and asked the proxy to compare the respondent's current ability with the respondent's ability 10 years ago.

In RwCIQSCORE1, the informant compared the respondent's current ability to remember things about family and friends, such as occupations, birthdays, and addresses, with their ability in the past.

In RwCIQSCORE2, the informant compared the respondent's current ability to remember things that have happened recently with their ability in the past.

In RwCIQSCORE3, the informant compared the respondent's current ability to recall conversations a few days later with their ability in the past.

In RwCIQSCORE4, the informant compared the respondent's current ability to remember their address and telephone number with their ability in the past.

In RwCIQSCORE5, the informant compared the respondent's current ability to remember what day and month it is with their ability in the past.

In RwCIQSCORE6, the informant compared the respondent's current ability to remember where things are usually kept with their ability in the past.

In RwcIQSCORE7, the informant compared the respondent's current ability to remember where to find things that have been put in a different place than usual with their ability in the past.

In RwcIQSCORE8, the informant compared the respondent's current ability to know how to work familiar machines around the house with their ability in the past.

In RwcIQSCORE9, the informant compared the respondent's current ability to learn to use a new gadget or machine around the house with their ability in the past.

In RwcIQSCORE10, the informant compared the respondent's current ability to learn new things in general with their ability in the past.

In RwcIQSCORE11, the informant compared the respondent's current ability to follow a story in a book or on TV with their ability in the past.

In RwcIQSCORE12, the informant compared the respondent's current ability to make decisions on everyday matters with their ability in the past.

In RwcIQSCORE13, the informant compared the respondent's current ability to handle money for shopping with their ability in the past.

In RwcIQSCORE14, the informant compared the respondent's current ability to handle financial matters with their ability in the past. Examples include pension-related decisions or dealing with the bank.

In RwcIQSCORE15, the informant compared the respondent's current ability to handle other everyday mathematical problems, such as knowing how much food to buy and knowing how much time elapsed between visits from family or friends, with their ability in the past.

In RwcIQSCORE16, the informant compared the respondent's current ability to use their intelligence to understand what's going on and to reason things through with their ability in the past.

RwcIQSCORE1 - RwcIQSCORE16 are coded as follows: 1.Much improved, 2.A bit improved, 3.Not much changed, 4.A bit worse, and 5.Much worse. RwcJORMSCORE indicates the average value of RwcIQSCORE1 - RwcIQSCORE16 and ranges from 0-5. Special missing (.p) is assigned to non-proxy interviews. Don't know and refused responses are assigned special missing (.d) and (.r), respectively. Other missing is assigned special missing (.m).

SwcIQSCORE1 - SwcIQSCORE16 indicate the current wave's spouse's responses to RwcIQSCORE1 - RwcIQSCORE16 and are coded as follows: 1.Much improved, 2.A bit improved, 3.Not much changed, 4.A bit worse, and 5.Much worse. SwcJORMSCORE indicates the average value of SwcIQSCORE1 - SwcIQSCORE16 and ranges from 0-5. In addition to the special missing codes used in RwcIQSCORE1 - RwcIQSCORE16, SwcIQSCORE1 - SwcIQSCORE16 employ two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

These variables are not included in the RAND HRS/Harmonized HRS, but they are in the HRS-HCAP. The HRS also fielded a variation of these questions in 1995 - 2000, asking for comparisons of respondents' current abilities with their abilities two years ago.

LASI Variables Used

Wave 1 Core:

MH104	Remembering general information about family and
MH105	Remembering things happened recently
MH106	Recalling conversation a few days later
MH107	Remembering her/his address and telephone number

MH108	Remembering day or month
MH109	Remembering where things are usually kept
MH110	Remembering the changed location of things
MH111	Knowing about work of familiar machine around ho
MH112	Learning to use new gadgets or machines around h
MH113	Learning about new things in general
MH114	Following a story in a book or on TV
MH115	Making decision on everyday matters
MH116	Handling money for shopping
MH117	Handling financial matters
MH118	Handling other everyday arithmetic problems
MH119	Use of intelligence to understand reason
RPROXY	Proxy Interview

Cognition Testing Conditions

Wave	Variable	Label	Type
1	R1COGINTER	rlcoginter:w1 r any interruptions during cognition testing	Categ
1	S1COGINTER	slcoginter:w1 s any interruptions during cognition testing	Categ
1	R1COGASSIST	rlcogassist:w1 r freq of assistance during cog testing	Categ
1	S1COGASSIST	slcogassist:w1 s freq of assistance during cog testing	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1COGINTER	72176	0.05	0.22	0.00	1.00
S1COGINTER	49635	0.05	0.22	0.00	1.00
R1COGASSIST	72146	1.04	0.22	1.00	3.00
S1COGASSIST	49611	1.04	0.21	1.00	3.00

Categorical Variable Codes

Value-----	R1COGINTER
.m:Missing	517
.p:Proxy	715
0.no	68394
1.yes	3782

Value-----	S1COGINTER
.m:Missing	228
.p:Proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.no	47065
1.yes	2570

Value-----	R1COGASSIST
.m:Missing	547
.p:proxy	715
1.never	69203
2.a few times	2720
3.most or all of the time	223

Value-----	S1COGASSIST
.m:Missing	252
.p:proxy	289
.u:Unmar	16594
.v:SP NR	6662
1.never	47768
2.a few times	1721
3.most or all of the time	122

How Constructed

Cognition testing can be affected by the conditions of the test. LASI provides two indicators of possible negative conditions during the cognition testing.

RwCOGINTER indicates whether the interviewer reported any interruptions or noises that could distract the respondent during the cognition testing. A code of 0 indicates that there were no interruptions or

noises, while a code of 1 indicates that there were interruptions or noises. RwCOGINTER is set to special missing .p if the cognition questions were skipped because the interview was by proxy. Other missing responses to RwCOGINTER are assigned special missing .m. RwCOGINTER is set to plain missing (.) for respondents who did not participate in the current wave.

SwCOGINTER indicates whether the interviewer reported any interruptions during the respondent's spouse's cognition testing. Its values are taken from RwCOGINTER. In addition to the special missing codes used in RwCOGINTER, SwCOGINTER employs two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing value .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

RwCOGASSIST indicates the frequency with which the respondent received assistance during cognition testing, as reported by the interviewer. RwCOGASSIST is coded as follows: 1.Never, 2.A few times, 3.Most or all of the time. RwCOGASSIST is set to special missing .p if the cognition questions were skipped because the interview was by proxy. Other missing responses to RwCOGASSIST are assigned special missing .m. RwCOGASSIST is set to plain missing (.) for respondents who did not participate in the current wave.

SwCOGASSIST indicates the frequency with which the respondent's spouse received assistance during cognition testing. Its values are taken from RwCOGASSIST. In addition to the special missing codes used in RwCOGASSIST, SwCOGASSIST employs two other missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

These variables are not available in the RAND HRS.

LASI Variables Used

Wave 1 Core:	
MH057	Delayed word recall_any interruptions during tes
MH058	Assistance for MH section
MH126	Proxy_receive assistance

Section E: Financial and Housing Wealth

Consumer Price Index

Wave	Variable	Label	Type
1	C2017CPINDEX	2017 consumer price index, 2010=100	Cont
1	C2018CPINDEX	2018 consumer price index, 2010=100	Cont
1	C2019CPINDEX	2019 consumer price index, 2010=100	Cont
1	C2020CPINDEX	2020 consumer price index, 2010=100	Cont
1	C2021CPINDEX	2021 consumer price index, 2010=100	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
C2017CPINDEX	73408	159.90	0.00	159.90	159.90
C2018CPINDEX	73408	167.60	0.00	167.60	167.60
C2019CPINDEX	73408	180.40	0.00	180.40	180.40
C2020CPINDEX	73408	190.50	0.00	190.50	190.50
C2021CPINDEX	73408	199.70	0.00	199.70	199.70

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

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 <https://stats.oecd.org>.

Cross Wave Differences in LASI

Consumer price index values are not based on any LASI survey questions.

Differences with the RAND HRS/Harmonized HRS

Consumer price index values are not included in the RAND HRS.

Value of Land

Wave	Variable	Label	Type
1	HH1ALAND	hh1aland:w1 assets: value of cultivated and non-cultivated l	Cont
1	HH1AFLAND	hh1afland:w1 impflag: value of cultivated and non-cultivated	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1ALAND	73396	1061323.38	8228495.83	0.00	450000000.00
HH1AFLAND	73408	3.81	2.54	-1.00	8.00

Categorical Variable Codes

Value-----	HH1AFLAND
-1.not imputed, missing neighbors	12
1.continuous value	32284
2.complete bracket	516
3.incomplete bracket	124
5.no value/bracket	454
6.no asset	38181
7.dk ownership	43
8.module not answered	1794

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwALAND is value of the land that the household owns (cultivated and non-cultivated land), which includes imputations for missing values. The financial respondent is first asked, "Do you or your household member(s) own any land, including both cultivated and non-cultivated land?". If the financial respondent reports owning land, then they are asked, "Does your household own any cultivated land or non-cultivated land?". The respondent can report owning cultivated land, non-cultivated land, or both cultivated and non-cultivated land. The financial respondent is then asked the value of their household's cultivated land and non-cultivated land separately. If one or both of these values are directly reported, then HHwALAND is assigned the value of cultivated and non-cultivated land, or the combined value if appropriate. If the financial respondent does not give direct values for the household's cultivated or non-cultivated land, they are then asked, "What is the total value of the cultivated and non-cultivated land together?". If HHwALAND is still missing after using the individual directly reported values, this combined total value of land is assigned to HHwALAND.

HHwAFLAND is a flag indicating the highest level of imputation of the components of HHwALAND. A code of -1 indicates the value is missing and not imputed due to missing neighbors. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a closed bracket. A code of 3 indicates that at least one component was imputed based on an open bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code

of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HHwALAND is not available in RAND HRS.

LASI Variables Used

Wave 1 HH:	
AD404A_I	IMP: Value of cultivated land
AD404A_I_F	IMP Flag: Value of cultivated land
AD404B_I	IMP: Value of non-cultivated land
AD404B_I_F	IMP Flag: Value of non-cultivated land

Value of Livestock

Wave	Variable	Label	Type
1	HH1AAGRI	hhlaagri:w1 assets: value of livestock	Cont
1	HH1AFAGRI	hhlafagri:w1 impflag: value of livestock	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1AAGRI	73408	11686.81	100415.01	0.00	15000000.00
HH1AFAGRI	73408	4.87	2.17	1.00	8.00

Categorical Variable Codes

Value-----	HH1AFAGRI
1.continuous value	17332
2.complete bracket	29
3.incomplete bracket	8
5.no value/bracket	26
6.no asset	54202
7.dk ownership	13
8.module not answered	1798

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwAAGRI is the current value of all of the livestock the household owns, if the household owns any livestock, which includes imputations for missing values. The financial respondent is first asked, "Do you or your household member(s) have any farming assets, such as tractors, water pumps, livestock, fisheries, or trees?". If the respondent reports owning any farming assets, they are then asked, "Does your household own any livestock?". If they report owning livestock, they are asked, "What is the current value of all the livestock your household owns?", and HHwAAGRI takes that value.

HHwAFAGRI is a flag indicating the highest level of imputation of the components of HHwAAGRI. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a closed bracket. A code of 3 indicates that at least one component was imputed based on an open bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HHwAAGRI is not available in RAND HRS.

LASI Variables Used

Wave 1 HH:
AD506_I IMP: Value of livestock
AD506_I_F IMP Flag: Value of livestock

Value of Household Durables and Valuables

Wave	Variable	Label	Type
1	HH1ADURBL	hhladurbl:w1 assets: value of durable assets	Cont
1	HH1AFDURBL	hhlafdurbl:w1 impflag: value of durable assets	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1ADURBL	73408	133521.47	1041614.04	1.00	130000000.00
HH1AFDURBL	73408	1.29	1.24	1.00	8.00

Categorical Variable Codes

Value-----	HH1AFDURBL
1.continuous value	68518
2.complete bracket	1214
3.incomplete bracket	82
5.no value/bracket	1786
8.module not answered	1808

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwADURBL is the total value of the household's durables and valuables (i.e. non-financial assets), which includes imputations for missing values. The financial respondent is asked whether they own any of the following household durables and valuables: cars, scooters, motorcycles, bicycles, mopeds, refrigerators, washing machines, computers, laptops, stereo systems, cameras, camcorders, fans, coolers, air conditioners, mobile phones, musical instruments, jewelry, precious metals (gold, silver) and ornaments, antiques, valuable paintings, etc., furniture, televisions, sewing machines, radios/transistors, water purifiers, and others (such as juicer & mixtures, microwave oven, geysers etc.). The respondent is then asked, "Can you say what these non-financial assets are currently worth altogether?", and HHwADURBL take that value. Note that the value of the durable goods is asked altogether, and not separately by each item owned.

HHwAFDURBL is a flag indicating the highest level of imputation of the components of HHwADURBL. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HHwADURBL is not available in RAND HRS.

LASI Variables Used

Wave 1 HH:	
AD706_I	IMP: Value of non-financial assets
AD706_I_F	IMP Flag: Value of non-financial assets

Value of Agricultural Equipment

Wave	Variable	Label	Type
1	HH1AFIXC	hh1afixc:w1 assets: value of agricultural equipment	Cont
1	HH1AFFIXC	hh1affixc:w1 impflag: value of agricultural equipment	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1AFIXC	73407	16190.40	149485.10	0.00	7000000.00
HH1AFFIXC	73408	5.46	1.65	-1.00	8.00

Categorical Variable Codes

Value-----	HH1AFFIXC
-1.not imputed, missing neighbors	1
1.continuous value	8562
2.complete bracket	17
3.incomplete bracket	42
5.no value/bracket	54
6.no asset	62921
7.dk ownership	13
8.module not answered	1798

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwAFIXC is the current value of all farming/agriculture assets/equipment that the household owns, which includes imputations for missing values. The financial respondent is first asked, "Do you or your household member(s) have any farming assets, such as tractors, water pumps, livestock, fisheries, or trees?". If the respondent reports owning any farming assets, they are then asked, "Next we will ask some questions about your household agricultural assets, such as tractors, ploughing implements, carts, threshers, trolleys, fodder cutting machines, generators, water pumps, tools, trees or other farming/agriculture equipment. Does your household own any farming assets/equipment?". If they do report owning these farming assets, then they are asked, "What is the current value of all farming/agriculture assets/equipment your household owns?", and HHwAFIXC takes that value.

HHwAFFIXC is a flag indicating the highest level of imputation of the components of HHwAFIXC. A code of -1 indicates the value is missing and not imputed due to missing neighbors. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a closed bracket. A code of 3 indicates that at least one component was imputed based on an open bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not

imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HHwAFIXC is not available in RAND HRS.

LASI Variables Used

Wave 1 HH:	
AD502_I	IMP: Value of farming assets
AD502_I_F	IMP Flag: Value of farming assets

Value of Primary Residence

Wave	Variable	Label	Type
1	HH1AHOUS	hh1ahous:w1 assets: value of primary residence	Cont
1	HH1AFHOUS	hh1afhous:w1 impflag: value of primary residence	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1AHOUS	73407	1256299.05	7882111.40	0.00	750000000.00
HH1AFHOUS	73408	1.75	1.85	-1.00	8.00

Categorical Variable Codes

Value-----	HH1AFHOUS
-1.not imputed, missing neighbors	1
1.continuous value	61979
2.complete bracket	1064
3.incomplete bracket	194
5.no value/bracket	840
6.no asset	7531
7.dk ownership	8
8.module not answered	1791

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwAHOUS is the value of the household's current primary residence if it is owned by someone in the household, which includes imputations for missing values. The financial respondent is first asked, "Do you or your household member(s) own your current residence?". If the financial respondent reports owning their current residence, then they are asked, "What is the present market value of your house? Or, what is the present market value of a similar housing unit within your neighborhood?". Respondents can specify the market value in 3 different units: thousands, lakhs (a hundred thousand), or crores (100 lakh), and HHwAHOUS is adjusted accordingly.

HHwAFHOUS is a flag indicating the highest level of imputation of the components of HHwAHOUS. A code of -1 indicates the value is missing and not imputed due to missing neighbors. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a closed bracket. A code of 3 indicates that at least one component was imputed based on an open bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The value of a household's current residence in LASI is measured in nominal rupees, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

HwAHOUS in RAND HRS is the reported or imputed value of the primary residence at the couple level, whereas in Harmonized LASI, HHwAHOUS is the reported present market value of the household's current primary residence at the household level.

LASI Variables Used

Wave 1 HH:	
AD203_I	IMP: Present market value of house
AD203_I_F	IMP Flag: Present market value of house

Value of Rental Security Deposits Received (From Renting Primary Residence)

Wave	Variable	Label	Type
1	HH1AHSDR	hhlahsdr:w1 assets: value of security deposits received (cur	Cont
1	HH1AFHSDR	hhlafhdsr:w1 impflag: value of security deposits received (c	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1AHSDR	73408	242.59	5496.43	0.00	500000.00
HH1AFHSDR	73408	6.01	0.53	1.00	8.00

Categorical Variable Codes

Value-----	HH1AFHSDR
1.continuous value	533
5.no value/bracket	18
6.no asset	71019
7.dk ownership	37
8.module not answered	1801

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwAHSDR is the total amount of security deposits received by a household while renting out any part of the house they currently live in during the last 12 months, which includes imputations for missing values. The financial respondent is first asked, "Do you or your household member(s) own your current residence?". If the financial respondent reports owning their home, they are then asked, "Does your household rent out any part of the house you currently live in?". If they respond with a yes, then the respondent is asked, "Did you receive any security deposit when you rented out this property?". If a security deposit was received, then the respondent is asked, "What was the amount of the security deposit you received?", and HHwAHSDR takes that value.

HHwAFHSDR is a flag indicating the highest level of imputation of the components of HHwAHSDR. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a closed bracket. A code of 3 indicates that at least one component was imputed based on an open bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HHwAHS DR is not available in RAND HRS.

LASI Variables Used

Wave 1 HH:
AD209_I
AD209_I_F

Value of Rental Security Deposits Paid (To Rent Current Residence)

Wave	Variable	Label	Type
1	HH1AHSDP	hhlahsdp:w1 assets: value of security deposits paid (current	Cont
1	HH1AFHSDP	hhlafhdp:w1 impflag: value of security deposits paid (curre	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1AHSDP	73408	485.31	4545.51	0.00	100000.00
HH1AFHSDP	73408	5.93	0.84	1.00	8.00

Categorical Variable Codes

Value-----	HH1AFHSDP
1.continuous value	1812
5.no value/bracket	32
6.no asset	69735
7.dk ownership	38
8.module not answered	1791

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwAHSDP is the total amount of security deposits paid by a household to rent their current house, which includes imputations for missing values. The financial respondent is first asked, "Do you or your household member(s) own your current residence?". If the financial respondent reports not owning their current residence, then they are asked, "Was a security deposit required to rent this house?". If a security deposit was required, then the financial respondent is asked, "What is the amount of the security deposit you paid to rent this house?", and HHwAHSDP takes that value.

HHwAFHSDP is a flag indicating the highest level of imputation of the components of HHwAHSDP. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a closed bracket. A code of 3 indicates that at least one component was imputed based on an open bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HHwAHSDP is not available in RAND HRS.

LASI Variables Used

Wave 1 HH:
AD103_I IMP: Security deposit for house
AD103_I_F IMP Flag: Security deposit for house

Value of Other Real Estate (Not Primary Residence)

Wave	Variable	Label	Type
1	HH1ARLES	hh1arles:w1 assets: value of other real estate (not primary	Cont
1	HH1AFRLES	hh1afrles:w1 impflag: value of other real estate (not primar	Categ
1	HH1AOSDR	hh1aosdr:w1 assets: value of security deposits received (not	Cont
1	HH1AFOSDR	hh1afosdr:w1 impflag: value of security deposits received (n	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1ARLES	73400	143864.57	1333104.44	0.00	150000000.00
HH1AFRLES	73408	5.51	1.59	-1.00	8.00
HH1AOSDR	73408	445.05	27717.68	0.00	3000000.00
HH1AFOSDR	73408	5.99	0.62	1.00	8.00

Categorical Variable Codes

Value-----	HH1AFRLES
-1.not imputed, missing neighbors	8
1.continuous value	7737
2.complete bracket	143
3.incomplete bracket	19
5.no value/bracket	105
6.no asset	63595
7.dk ownership	10
8.module not answered	1791
Value-----	HH1AFOSDR
1.continuous value	844
5.no value/bracket	49
6.no asset	70701
7.dk ownership	22
8.module not answered	1792

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwARLES is the present market value of the other residential or commercial units owned by the financial respondent or any of their household members, other than their current residence, which includes imputations for missing values. The financial respondent is first asked, "Excluding the house in which you currently live, do you or your household member(s) own any other residential or commercial properties?". If the financial respondent reports owning other property, then they are asked, "What is the present market value of all the units? Or, what is the present market value of a similar unit within

its neighborhood?". Respondents can specify the market value in 3 different units: thousands, lakhs (a hundred thousand), or crores (100 lakh), and HHwARLES is adjusted accordingly.

HHwAOSDR is the total amount of security deposits received by the household while renting out any rooms, houses, or buildings in the last 12 months, other than their current residence, which includes imputations for missing values. If the financial respondent reports owning any other property, then they are asked, "Do you or any of your household members rent out any of these housing or commercial units?". If they do rent out the other property, then the respondent is asked, "Did your household receive any security deposits while renting out these rooms/houses/buildings in the last 12 months?", and are then asked to provide the value of the security deposits received.

HHwAFRLES and HHwAFOSDR are flags indicating the highest level of imputation of the components of HHwARLES and HHwAOSDR, respectively. A code of -1 indicates that the value is missing and not imputed due to missing neighbors. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a closed bracket. A code of 3 indicates that at least one component was imputed based on an open bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The value of other real estate in LASI is measured in nominal rupees, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

HwARLES in RAND HRS reports or imputes the net value of real estate, not including the primary residence, at the couple level. However in Harmonized LASI, HHwARLES is the present market value of all of the household's other real estate or the present market value of a similar unit within its neighborhood.

HHwAOSDR is not available in RAND HRS.

LASI Variables Used

Wave 1 HH:

AD303_I	IMP: Present market value of unit(s)
AD303_I_F	IMP Flag: Present market value of unit(s)
AD306_I	IMP: Security deposit from unit(s)
AD306_I_F	IMP Flag: Security deposit from unit(s)

Value of Businesses

Wave	Variable	Label	Type
1	HH1ABSNS	hh1absns:w1 assets: value of businesses	Cont
1	HH1AFBSNS	hh1afbsns:w1 impflag: value of businesses	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1ABSNS	73403	38737.31	770378.78	0.00	60000000.00
HH1AFBSNS	73408	5.83	1.07	-1.00	8.00

Categorical Variable Codes

Value-----	HH1AFBSNS
-1.not imputed, missing neighbors	5
1.continuous value	3080
2.complete bracket	137
3.incomplete bracket	16
5.no value/bracket	110
6.no asset	68259
7.dk ownership	10
8.module not answered	1791

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwABSNS is the market value of the business(es) that the financial respondent or their household members own if they were sold today (market value), including the capital assets and real estate, which includes imputations for missing values. The financial respondent is first asked, "Do you or your household member(s) have any business assets, such as non-farming machinery, processing equipment, or other fixed capital?". If the respondent reports owning any business assets, then they are asked, "If the business(s) that you or your household members own were sold today, what would be the approximate value of the businesses, including the capital assets and real estate?", and HHwABSNS takes that value.

HHwAFBSNS is a flag indicating the highest level of imputation of the components of HHwABSNS. A code of -1 indicates the value is missing and not imputed due to missing neighbors. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a closed bracket. A code of 3 indicates that at least one component was imputed based on an open bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Value of businesses in LASI is measured in nominal rupees, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

HwABSNS in RAND HRS is the reported or imputed net value of business(es) at the couple level, whereas in Harmonized LASI, HHwABSNS is the reported market value of the business(es) at the household level.

LASI Variables Used

Wave 1 HH:	
AD601_I	IMP: Value of business assets
AD601_I_F	IMP Flag: Value of business assets

Total Value of Financial Assets
--

Wave	Variable	Label	Type
1	HH1ATOTF	hhlatotf:w1 assets: total value of financial assets	Cont
1	HH1AFTOTF	hhlaftotf:w1 impflag: total value of financial assets	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1ATOTF	73408	65634.90	1316901.80	0.00	200000000.00
HH1AFTOTF	73408	2.66	2.36	1.00	8.00

Categorical Variable Codes

Value-----	HH1AFTOTF
1.continuous value	47040
2.complete bracket	2498
3.incomplete bracket	307
5.no value/bracket	2592
6.no asset	19142
7.dk ownership	38
8.module not answered	1791

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwATOTF is the total value of a household's financial assets, which includes imputations for missing values. The financial respondent is first asked, "Do you or your household members possess any financial assets, such as saving accounts, postal accounts, certificates of deposits, stocks, mutual funds, bonds, kitty parties, chit funds, bishi, saving schemes like life insurance, Unit Trust of India, or Public Provident Funds?". If the respondent reports owning any financial assets, then the respondent is asked, "What is your best estimate of the total value of these financial assets?", this value is assigned to HHwATOTF.

HHwAFTOTF is a flag indicating the highest level of imputation of the components of HHwATOTF. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a closed bracket. A code of 3 indicates that at least one component was imputed based on an open bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The value of financial wealth in LASI is measured in nominal rupees, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

HwATOTF in RAND HRS is the reported or imputed net value of the financial assets at the couple level, whereas in Harmonized LASI, HHwATOTF is the reported total value of financial assets at the household level.

LASI Variables Used

Wave 1 HH:	
AD802_I	IMP: Value of financial assets
AD802_I_F	IMP Flag: Value of financial assets

Value of Debt

Wave	Variable	Label	Type
1	HH1ADEBT	hhladebt:w1 assets: total value of debts	Cont
1	HH1AFDEBT	hhlafdebt:w1 impflag: total value of debts	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1ADEBT	73399	57896.33	367758.39	-100000.00	24000000.00
HH1AFDEBT	73408	4.67	2.29	-1.00	8.00

Categorical Variable Codes

Value-----	HH1AFDEBT
-1.not imputed, missing neighbors	9
1.continuous value	20088
2.complete bracket	254
3.incomplete bracket	62
5.no value/bracket	112
6.no asset	50591
7.dk ownership	482
8.module not answered	1810

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwADEBT is the total value of the debt of any household members, which includes imputations for missing values. The financial respondent is first asked, "Do you or any of your household members have had any loans from banks and other institutions, such as private or public banks, microfinance organizations, NGOs, government, credit unions or cooperatives, employer local money lenders, family, or friends?". If they report having any loans, then they are asked, "How many loans in total do you and your household members currently have?". If the respondent has more than 3 loans, they are asked, "How much do your household members currently owe?" on the 3 largest loans and then asked, "what is the total value of all the remaining loans, excluding the major three loans which you had already mentioned?". If the financial respondent gives direct answers about how much their household members currently owe for their 3 largest loans, HHwADEBT is the sum of those 3 amounts and the value of all the other remaining loans. If the financial respondent does not give direct answers to any of the questions about the amount owed for the 3 largest loans, the financial respondent is asked, "What is the total value of outstanding (unpaid) loans that you and your household members owe?", and HHwADEBT takes this value.

HHwAFDEBT is a flag indicating the highest level of imputation of the components of HHwADEBT. A code of -1 indicates the value is missing and not imputed due to missing neighbors. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a closed bracket. A code of 3 indicates that at least one component was imputed based on an open bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the

ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The value of debt in LASI is measured in nominal rupees, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

HwADEBT in RAND HRS is the reported or imputed value of debt at the couple level, whereas in Harmonized LASI, HHwADEBT is the reported value of debt at the household level.

LASI Variables Used

Wave 1 HH:	
AD907_1_I	IMP: Amount outstanding of 1st largest loan
AD907_1_I_F	IMP Flag: Amount outstanding of 1st largest loan
AD907_2_I	IMP: Amount outstanding of 2nd largest loan
AD907_2_I_F	IMP Flag: Amount outstanding of 2nd largest loan
AD907_3_I	IMP: Amount outstanding of 3rd largest loan
AD907_3_I_F	IMP Flag: Amount outstanding of 3rd largest loan
AD908A_I	IMP: Total value of remaining loans (excluding 1
AD908A_I_F	IMP Flag: Total value of remaining loans (exclud

Value of Personal Loans

Wave	Variable	Label	Type
1	HH1ALEND	hh1alend:w1 assets: value of personal loans lent	Cont
1	HH1AFLEND	hh1aflend:w1 impflag: value of personal loans lent	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1ALEND	73408	2495.32	50915.73	0.00	5000000.00
HH1AFLEND	73408	5.94	0.80	1.00	8.00

Categorical Variable Codes

Value-----	HH1AFLEND
1.continuous value	1587
5.no value/bracket	26
6.no asset	69912
7.dk ownership	79
8.module not answered	1804

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwALEND is the value of current outstanding personal loans given to others, which includes imputations for missing values. The financial respondent is first asked, "Have you or any of your household members given personal loans to family or friends that have yet to be repaid (Not counting any financial gifts that you do not expect to be returned)?" . If the respondent reports having given personal loans, then the respondent is asked, "What is the total value of the current outstanding loans given to family or friends that are still unpaid?", this value is assigned to HHwALEND.

HHwAFLEND is a flag indicating the highest level of imputation of the components of HHwALEND. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a closed bracket. A code of 3 indicates that at least one component was imputed based on an open bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HHwALEND is not available in RAND HRS.

LASI Variables Used

Wave 1 HH:	
AD702_I	IMP: Value of unpaid outstanding loans
AD702_I_F	IMP Flag: Value of unpaid outstanding loans

Total Wealth

Wave	Variable	Label	Type
1	HH1ATOTB	hhlatotb:w1 assets: total of all assets inc.	Cont
1	HH1AFTOTB	hhlaftotb:w1 impflag: total of all assets inc.	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1ATOTB	73372	2671551.20	12065460.47	-22798500.00	752000000.00
HH1AFTOTB	73408	1.54	1.51	-1.00	8.00

Categorical Variable Codes

Value-----	HH1AFTOTB
-1.not imputed, missing neighbors	36
1.continuous value	61658
2.complete bracket	4221
3.incomplete bracket	643
5.no value/bracket	4387
7.dk ownership	653
8.module not answered	1810

General Comments:

All financial variables are denominated in nominal rupees. The asset (AS) module is answered by the financial respondent on behalf of him/herself, his/her spouse/partner, and other household members, if any.

When wealth is missing it is imputed. Refer to the section "Imputations" earlier in this document for more details.

How Constructed

HHwATOTB is the total value of household wealth, which is the sum of all wealth components less all debt components, which includes imputations for missing values. It is the sum of the value of a household's rental security deposits paid (HHwAHSDP), primary residence (HHwAHOUS), other real estate (HHwARLES), land (HHwALAND), agricultural equipment (HHwAFIXC), livestock (HHwAAGRI), businesses (HHwABSNS), personal loans (HHwALEND), household durables and valuables (HHwADURBL), and financial assets (HHwATOTF), subtracted by the values of a household's other security deposits received (HHwAOSDR), debt (HHwADEBT), and rental security deposits received (HHwAHS DR).

$$\text{HHwATOTB} = (\text{HHwAHSDP} + \text{HHwAHOUS} + \text{HHwARLES} + \text{HHwALAND} + \text{HHwAFIXC} + \text{HHwAAGRI} + \text{HHwABSNS} + \text{HHwALEND} + \text{HHwADURBL} + \text{HHwATOTF}) - (\text{HHwAOSDR} + \text{HHwADEBT} + \text{HHwAHS DR})$$

Security deposits paid are considered as assets because they are expected to be returned to the household. Security deposits received are considered liabilities because they are expected to be returned to renters.

HHwAFTOTB is a flag indicating the highest level of imputation of the components of HHwATOTB. A code of -1 indicates the value is missing and not imputed due to missing neighbors. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates

that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

For more information, please see the "How Constructed" section for each component of HHwATOTB.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Total family wealth in LASI is measured in nominal rupees, whereas the equivalent measure in RAND HRS is in nominal dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

The components included in total household wealth in RAND HRS differs from that in Harmonized LASI. HHwATOTB in RAND HRS is calculated at the couple level as: sum (HwAHOUS, HwAHOUB, HwARLES, HwATRAN, HwABSNS, HwAIRA, HwASTCK, HwACHCK, HwACD, HwABOND, HwAOTHR) less sum (HwAMORT, HwAHMLN, HwADEBT, HwAMRTB).

Harmonized LASI does not include HwAHOUB, HwATRAN, HwAIRA, HwASTCK, HwACHCK, HwACD, HwABOND, HwAOTHR, HwAMORT, HwAHMLN, and HwAMRTB in calculating HHwATOTB. Rather, HHwATOTB in LASI is calculated at the household level as: sum (HHwAHSDEP, HHwAHOUS, HHwARLES, HHwALAND, HHwAFIXC, HHwAAGRI, HHwABSNS, HHwALEND, HHwADURBL, HHwATOTF) less sum (HHwAOSDR, HHwADEBT, HHwAHSDEP).

LASI Variables Used

Wave 1 HH:

AD103_I	IMP: Security deposit for house
AD103_I_F	IMP Flag: Security deposit for house
AD203_I	IMP: Present market value of house
AD203_I_F	IMP Flag: Present market value of house
AD209_I	
AD209_I_F	
AD303_I	IMP: Present market value of unit(s)
AD303_I_F	IMP Flag: Present market value of unit(s)
AD306_I	IMP: Security deposit from unit(s)
AD306_I_F	IMP Flag: Security deposit from unit(s)
AD404A_I	IMP: Value of cultivated land
AD404A_I_F	IMP Flag: Value of cultivated land
AD404B_I	IMP: Value of non-cultivated land
AD404B_I_F	IMP Flag: Value of non-cultivated land
AD502_I	IMP: Value of farming assets
AD502_I_F	IMP Flag: Value of farming assets
AD506_I	IMP: Value of livestock
AD506_I_F	IMP Flag: Value of livestock
AD601_I	IMP: Value of business assets
AD601_I_F	IMP Flag: Value of business assets
AD702_I	IMP: Value of unpaid outstanding loans
AD702_I_F	IMP Flag: Value of unpaid outstanding loans
AD706_I	IMP: Value of non-financial assets
AD706_I_F	IMP Flag: Value of non-financial assets
AD802_I	IMP: Value of financial assets
AD802_I_F	IMP Flag: Value of financial assets
AD907_1_I	IMP: Amount outstanding of 1st largest loan
AD907_1_I_F	IMP Flag: Amount outstanding of 1st largest loan
AD907_2_I	IMP: Amount outstanding of 2nd largest loan
AD907_2_I_F	IMP Flag: Amount outstanding of 2nd largest loan
AD907_3_I	IMP: Amount outstanding of 3rd largest loan

AD907_3_I_F	IMP Flag: Amount outstanding of 3rd largest loan
AD908A_I	IMP: Total value of remaining loans (excluding 1
AD908A_I_F	IMP Flag: Total value of remaining loans (exclud

Section F: Income and Consumption

Individual Earnings

Wave	Variable	Label	Type
1	HH1IEARN	hhliearn:w1 income: hhold income from earnings	Cont
1	R1IEARN	rliearn:w1 income: r income from earnings	Cont
1	S1IEARN	sliearn:w1 income: s income from earnings	Cont
1	HH1IFEARN	hhlifeearn:w1 impflag: hhold income from earnings	Categ
1	R1IFEARN	rlifeearn:w1 impflag: r income from earnings	Categ
1	S1IFEARN	slifeearn:w1 impflag: s income from earnings	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1IEARN	73394	127448.41	404218.41	0.00	60000000.00
R1IEARN	73406	36764.79	172736.51	0.00	9245000.00
S1IEARN	50150	42190.25	180309.31	0.00	9245000.00
HH1IFEARN	73408	2.77	2.45	-2.00	8.00
R1IFEARN	73408	4.69	2.28	-1.00	8.00
S1IFEARN	50152	4.50	2.32	-1.00	8.00

Categorical Variable Codes

Value-----	HH1IFEARN
-2.not imputed, missing covariates	1
-1.not imputed, missing neighbors	13
1.continuous value	47382
2.complete bracket	993
3.incomplete bracket	109
5.no value/bracket	43
6.no receipt	22794
7.dk receipt	256
8.module not answered	1817
Value-----	R1IFEARN
-1.not imputed, missing neighbors	2
1.continuous value	19728
2.complete bracket	305
3.incomplete bracket	18
5.no value/bracket	15
6.no receipt	51273
7.dk receipt	249
8.module not answered	1818
Value-----	S1IFEARN
.u:Unmar	16594
.v:SP NR	6662
-1.not imputed, missing neighbors	2
1.continuous value	15051
2.complete bracket	225
3.incomplete bracket	13
5.no value/bracket	11

6.no receipt		34140
7.dk receipt		186
8.module not answered		524

How Constructed

Financial respondents in the household interview are asked to report for each household member, the wages and salaries from employment or odd jobs, including both agricultural and non-agricultural work, in the past 12 months. The amount earned in the past 12 months includes both cash and value of in-kind payments, such as meals.

RwIEARN is the wage and salary income of the respondent. Income can come from 6 main categories:

1. agricultural labor (working for other people's farm/fishery/forestry)
2. government employment scheme (like MGNREGA)
3. non-agricultural labor
4. own-account work
5. full-time salaried work
6. part-time/contract work

RwIEARN includes imputations for missing values.

RwIFEARN is a flag indicating the highest level of imputation of the components of RwIEARN. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

SwIEARN is taken directly from the spouse's value of RwIEARN. SwIFEARN is taken directly from the spouse's value of RwIFEARN. 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.

HHwIEARN is the summed total of every household member's earnings from wages and salaries in a specific household, which includes imputations for missing values. The categories of income are the same as the ones in RwIEARN, the main difference being that HHwIEARN includes the income of respondents and non-respondents in a household. If a financial respondent does not give direct answers to any of the household member's total earnings in the past 12 months, HHwIEARN is equal the financial respondent's response a single question about the overall wages and salaries of all household members.

HHwIFEARN is a flag indicating the highest level of imputation of the components of HHwIEARN. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

For the RAND HRS, RwIEARN and SwIEARN includes the components: wage/salary income, bonuses/overtime pay/commissions/tips, 2nd job or military reserve earnings, and professional practice or trade income; which differs from the earnings included in Harmonized LASI (see 'How' section above).

LASI Variables Used

Wave 1 HH:

IN304_10_1_I	IMP: Earnings in past 12 months
IN304_10_1_I_F	IMP Flag: Earnings in past 12 months
IN304_10_2_I	IMP: Earnings in past 12 months
IN304_10_2_I_F	IMP Flag: Earnings in past 12 months
IN304_10_3_I	IMP: Earnings in past 12 months
IN304_10_3_I_F	IMP Flag: Earnings in past 12 months
IN304_10_4_I	IMP: Earnings in past 12 months
IN304_10_4_I_F	IMP Flag: Earnings in past 12 months
IN304_10_5_I	IMP: Earnings in past 12 months
IN304_10_5_I_F	IMP Flag: Earnings in past 12 months
IN304_10_6_I	IMP: Earnings in past 12 months
IN304_10_6_I_F	IMP Flag: Earnings in past 12 months
IN304_11_1_I	IMP: Earnings in past 12 months
IN304_11_1_I_F	IMP Flag: Earnings in past 12 months
IN304_11_2_I	IMP: Earnings in past 12 months
IN304_11_2_I_F	IMP Flag: Earnings in past 12 months
IN304_11_3_I	IMP: Earnings in past 12 months
IN304_11_3_I_F	IMP Flag: Earnings in past 12 months
IN304_11_4_I	IMP: Earnings in past 12 months
IN304_11_4_I_F	IMP Flag: Earnings in past 12 months
IN304_11_5_I	IMP: Earnings in past 12 months
IN304_11_5_I_F	IMP Flag: Earnings in past 12 months
IN304_11_6_I	IMP: Earnings in past 12 months
IN304_11_6_I_F	IMP Flag: Earnings in past 12 months
IN304_12_1_I	IMP: Earnings in past 12 months
IN304_12_1_I_F	IMP Flag: Earnings in past 12 months
IN304_12_2_I	IMP: Earnings in past 12 months
IN304_12_2_I_F	IMP Flag: Earnings in past 12 months
IN304_12_3_I	IMP: Earnings in past 12 months
IN304_12_3_I_F	IMP Flag: Earnings in past 12 months
IN304_12_4_I	IMP: Earnings in past 12 months
IN304_12_4_I_F	IMP Flag: Earnings in past 12 months
IN304_12_5_I	IMP: Earnings in past 12 months
IN304_12_5_I_F	IMP Flag: Earnings in past 12 months
IN304_12_6_I	IMP: Earnings in past 12 months
IN304_12_6_I_F	IMP Flag: Earnings in past 12 months
IN304_13_1_I	IMP: Earnings in past 12 months
IN304_13_1_I_F	IMP Flag: Earnings in past 12 months
IN304_13_2_I	IMP: Earnings in past 12 months
IN304_13_2_I_F	IMP Flag: Earnings in past 12 months
IN304_13_3_I	IMP: Earnings in past 12 months
IN304_13_3_I_F	IMP Flag: Earnings in past 12 months
IN304_13_4_I	IMP: Earnings in past 12 months
IN304_13_4_I_F	IMP Flag: Earnings in past 12 months
IN304_13_5_I	IMP: Earnings in past 12 months
IN304_13_5_I_F	IMP Flag: Earnings in past 12 months
IN304_13_6_I	IMP: Earnings in past 12 months
IN304_13_6_I_F	IMP Flag: Earnings in past 12 months
IN304_14_1_I	IMP: Earnings in past 12 months

[illegible]

[illegible]

[illegible]

[illegible]

Total Capital Income

Wave	Variable	Label	Type
1	HH1ISEMP	hh1isemp:w1 income: hhold earnings from business income	Cont
1	HH1IFSEMP	hh1ifsemp:w1 impflag: hhold earnings from business income	Categ
1	HH1IRENT	hh1irent:w1 income: hhold rental income	Cont
1	HH1IFRENT	hh1ifrent:w1 impflag: hhold rental income	Categ
1	HH1ITREST	hh1itrest:w1 income: hhold interest income	Cont
1	HH1IFTREST	hh1iftrest:w1 impflag: hhold interest income	Categ
1	HH1ICAP	hh1icap:w1 income: hhold total capital income	Cont
1	HH1IFCAP	hh1ifcap:w1 impflag: hhold total capital income	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1ISEMP	73371	27214.84	326966.47	-65900000.00	4880000.00
HH1IFSEMP	73408	4.28	2.45	-1.00	8.00
HH1IRENT	73405	5483.65	72016.08	0.00	6000000.00
HH1IFRENT	73408	5.61	1.46	-1.00	8.00
HH1ITREST	73276	2172.57	64366.90	0.00	10000000.00
HH1IFTREST	73408	2.93	2.35	-1.00	8.00
HH1ICAP	73236	35412.25	336116.36	-65848812.00	10210000.00
HH1IFCAP	73408	2.58	2.25	-1.00	8.00

Categorical Variable Codes

Value-----	HH1IFSEMP
-1.not imputed, missing neighbors	37
1.continuous value	25723
2.complete bracket	209
3.incomplete bracket	9
5.no value/bracket	373
6.no receipt	44741
7.dk receipt	498
8.module not answered	1818
Value-----	HH1IFRENT
-1.not imputed, missing neighbors	3
1.continuous value	6384
5.no value/bracket	124
6.no receipt	65013
7.dk receipt	80
8.module not answered	1804
Value-----	HH1IFTREST
-1.not imputed, missing neighbors	132

1.continuous value		37888
2.complete bracket		8036
3.incomplete bracket		35
5.no value/bracket		6341
6.no receipt		19043
7.dk receipt		129
8.module not answered		1804

Value-----		HH1IFCAP
-1.not imputed, missing neighbors		172
1.continuous value		43058
2.complete bracket		8028
3.incomplete bracket		37
5.no value/bracket		6574
6.no receipt		13047
7.dk receipt		674
8.module not answered		1818

How Constructed

HHwISEMP is the sum of agricultural income from a household's own farm/fishery/forestry and non-agricultural business income, which includes imputations for missing values.

Farm/fishery/forestry income is equal to the value of a product produced minus the cost of production (seeds, fertilizers, irrigation cost, labor cost, etc.) in the past 12 months. There are 6 sources of agricultural income and costs:

1. kharif crops
2. rabi crops
3. summer crops
4. forest products (timber, charcoal, rubber, catechu, wood-oil, resin, natural varnish, bark, lac, myrobalans, mahua flowers, etc.)
5. any other crops or forest products
6. livestock and fishery products

Non-agricultural business income is the best estimate of total income/revenue/turnover earned from all household owned businesses subtracted by the best estimate of total costs of running those business activities in the past 12 months. The non-agricultural business income and cost questions loops through each business.

HHwIFSEMP is a flag indicating the highest level of imputation of the components of HHwISEMP. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

HHwIRENT is a household's total rental income from renting out 6 sources:

1. any part of their current residence
2. any of their other real estate (housing or commercial units), not including current residence
3. cultivated land

4. non-cultivated land
5. agricultural assets/equipment
6. livestock

HHwIRENT includes imputations for missing values.

HHwIFRENT is a flag indicating the highest level of imputation of the components of HHwIRENT. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

HHwITREST is a household's total interest income from personal loans and financial assets, which includes imputations for missing values. The interests from financial investments includes interest and dividends received in the past 12 months.

HHwIFTRREST is a flag indicating the highest level of imputation of the components of HHwITREST. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

HHwICAP is the sum of the total household capital income, which includes the household's business income, rental income from non-financial assets, and interest income from financial assets.

$HHwICAP = HHwISEMP + HHwIRENT + HHwITREST.$

HHwIFCAP is a flag indicating the highest level of imputation of the components of HHwICAP. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Differences with HwICAP in the RAND HRS and Harmonized LASI reflects differences in the components included as part of household capital income. The RAND HRS includes in HwICAP household business or farm income, self-employment earnings, business income, gross rent, dividend and interest income, trust funds

or royalties, and other asset income. The components of household capital income in the RAND HRS also varies across waves.

HHwIRENT and HHwITREST are not defined in the RAND HRS.

LASI Variables Used

Wave 1 HH:

AD207_I	IMP: Rental income from house
AD207_I_F	IMP Flag: Rental income from house
AD305_I	IMP: Rental income from unit(s)
AD305_I_F	IMP Flag: Rental income from unit(s)
AD407A_I	IMP: Rental income from cultivated land
AD407A_I_F	IMP Flag: Rental income from cultivated land
AD407B_I	IMP: Rental income from non-cultivated land
AD407B_I_F	IMP Flag: Rental income from non-cultivated land
AD504_I	IMP: Rental income from farming assets
AD504_I_F	IMP Flag: Rental income from farming assets
AD508_I	IMP: Rental income from livestock
AD508_I_F	IMP Flag: Rental income from livestock
AD704_I	IMP: Total interest received
AD704_I_F	IMP Flag: Total interest received
AD803_I	IMP: Value of interests and dividends
AD803_I_F	IMP Flag: Value of interests and dividends
IN103A_I	IMP: Value of kharif crops
IN103A_I_F	IMP Flag: Value of kharif crops
IN103B_I	IMP: Value of rabi crops
IN103B_I_F	IMP Flag: Value of rabi crops
IN103C_I	IMP: Value of summer crops
IN103C_I_F	IMP Flag: Value of summer crops
IN103D_I	IMP: Value of forest products
IN103D_I_F	IMP Flag: Value of forest products
IN103E_I	IMP: Value of other crops or forest products
IN103E_I_F	IMP Flag: Value of other crops or forest product
IN104A_I	IMP: Cost of producing kharif crops
IN104A_I_F	IMP Flag: Cost of producing kharif crops
IN104B_I	IMP: Cost of producing rabi crops
IN104B_I_F	IMP Flag: Cost of producing rabi crops
IN104C_I	IMP: Cost of producing summer crops
IN104C_I_F	IMP Flag: Cost of producing summer crops
IN104D_I	IMP: Cost of producing forest products
IN104D_I_F	IMP Flag: Cost of producing forest products
IN104E_I	IMP: Cost of producing other crops or forest pro
IN104E_I_F	IMP Flag: Cost of producing other crops or fores
IN107_I	IMP: Value of livestock or fishery products
IN107_I_F	IMP Flag: Value of livestock or fishery products
IN108_I	IMP: Cost of producing livestock products
IN108_I_F	IMP Flag: Cost of producing livestock products
IN204_10_I	IMP: Income earned from business
IN204_10_I_F	IMP Flag: Income earned from business
IN204_11_I	IMP: Income earned from business
IN204_11_I_F	IMP Flag: Income earned from business
IN204_12_I	IMP: Income earned from business
IN204_12_I_F	IMP Flag: Income earned from business
IN204_1_I	IMP: Income earned from business
IN204_1_I_F	IMP Flag: Income earned from business
IN204_2_I	IMP: Income earned from business
IN204_2_I_F	IMP Flag: Income earned from business
IN204_3_I	IMP: Income earned from business
IN204_3_I_F	IMP Flag: Income earned from business
IN204_4_I	IMP: Income earned from business
IN204_4_I_F	IMP Flag: Income earned from business
IN204_5_I	IMP: Income earned from business

IN204_5_I_F	IMP Flag: Income earned from business
IN204_6_I	IMP: Income earned from business
IN204_6_I_F	IMP Flag: Income earned from business
IN204_7_I	IMP: Income earned from business
IN204_7_I_F	IMP Flag: Income earned from business
IN204_8_I	IMP: Income earned from business
IN204_8_I_F	IMP Flag: Income earned from business
IN204_9_I	IMP: Income earned from business
IN204_9_I_F	IMP Flag: Income earned from business
IN205_10_I	IMP: Cost of running business
IN205_10_I_F	IMP Flag: Cost of running business
IN205_11_I	IMP: Cost of running business
IN205_11_I_F	IMP Flag: Cost of running business
IN205_12_I	IMP: Cost of running business
IN205_12_I_F	IMP Flag: Cost of running business
IN205_1_I	IMP: Cost of running business
IN205_1_I_F	IMP Flag: Cost of running business
IN205_2_I	IMP: Cost of running business
IN205_2_I_F	IMP Flag: Cost of running business
IN205_3_I	IMP: Cost of running business
IN205_3_I_F	IMP Flag: Cost of running business
IN205_4_I	IMP: Cost of running business
IN205_4_I_F	IMP Flag: Cost of running business
IN205_5_I	IMP: Cost of running business
IN205_5_I_F	IMP Flag: Cost of running business
IN205_6_I	IMP: Cost of running business
IN205_6_I_F	IMP Flag: Cost of running business
IN205_7_I	IMP: Cost of running business
IN205_7_I_F	IMP Flag: Cost of running business
IN205_8_I	IMP: Cost of running business
IN205_8_I_F	IMP Flag: Cost of running business
IN205_9_I	IMP: Cost of running business
IN205_9_I_F	IMP Flag: Cost of running business

Pension Income: Private pensions

Wave	Variable	Label	Type
1	HH1IPENA	hhlipena:w1 income: hhold income from private pensions	Cont
1	R1IPENA	rlipena:w1 income: r income from private pensions	Cont
1	S1IPENA	slipena:w1 income: s income from private pensions	Cont
1	HH1IFPENA	hhlifpena:w1 impflag: hhold income from private pensions	Categ
1	R1IFPENA	rlifpena:w1 impflag: r income from private pensions	Categ
1	S1IFPENA	slifpena:w1 impflag: s income from private pensions	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1IPENA	73404	1052.61	27287.06	0.00	3000000.00
R1IPENA	73405	593.27	22076.44	0.00	3000000.00
S1IPENA	50150	538.87	18538.36	0.00	3000000.00
HH1IFPENA	73408	6.00	0.57	-2.00	8.00
R1IFPENA	73408	6.02	0.49	-1.00	8.00
S1IFPENA	50152	5.99	0.41	-1.00	8.00

Categorical Variable Codes

Value-----	HH1IFPENA
-2.not imputed, missing covariates	1
-1.not imputed, missing neighbors	3
1.continuous value	588
2.complete bracket	4
3.incomplete bracket	203
5.no value/bracket	19
6.no receipt	70746
7.dk receipt	27
8.module not answered	1817
Value-----	R1IFPENA
-1.not imputed, missing neighbors	3
1.continuous value	330
2.complete bracket	3
3.incomplete bracket	201
5.no value/bracket	11
6.no receipt	71015
7.dk receipt	27
8.module not answered	1818
Value-----	S1IFPENA
.u:Unmar	16594
.v:SP NR	6662
-1.not imputed, missing neighbors	2
1.continuous value	206
2.complete bracket	3
3.incomplete bracket	130
5.no value/bracket	3

6.no receipt		49268
7.dk receipt		16
8.module not answered		524

How Constructed

Financial respondents in the household interview are asked to report for each household member pension income received (work related/ contributory/ commercially purchased) in the past 12 months.

RwIPENA is the private pension income of the respondent, which is the sum of pension income from 2 sources:

1. employer funded pension schemes
2. privately purchased commercial pension schemes (e.g. pension scheme from National Pension System (NPS privately purchased, Atal Pension Yojana Pension/Swavalamban Yojana Pension), Reliance, Bajaj Allianz, HDFC, LIC, etc.)

RwIPENA includes imputations for missing values.

RwIFPENA is a flag indicating the highest level of imputation of the components of RwIPENA. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

SwIPENA is taken directly from the spouse's value of RwIPENA. SwIFPENA is taken directly from the spouse's value of RwIFPENA. 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.

HHwIPENA is the summed totals of every household member's earnings from private pensions, which includes imputations for missing values. The categories of income are the same as the ones in RwIPENA, the main difference being that the household level variables include the income of respondents and non-respondents in a household. If the financial respondent doesn't give an estimate amount to each pension category for everyone who received pension income, HHwIPENA uses the reported estimate of all types of pension income for all household members in the past 12 months.

HHwIFPENA is a flag indicating the highest level of imputation of the components of HHwIPENA. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwIPENA in the RAND HRS includes individual income from employer pensions or annuity, whereas RwIPENA in Harmonized LASI is comprised of employer funded pension schemes and privately purchased commercial pension schemes (e.g. pension scheme from National Pension System, Reliance, Bajaj Allianz, HDFC, LIC, etc.).

LASI Variables Used

Wave 1 HH:

IN402C_10_I	IMP: Pension income - employer funded pension sc
IN402C_10_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_11_I	IMP: Pension income - employer funded pension sc
IN402C_11_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_12_I	IMP: Pension income - employer funded pension sc
IN402C_12_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_13_I	IMP: Pension income - employer funded pension sc
IN402C_13_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_14_I	IMP: Pension income - employer funded pension sc
IN402C_14_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_15_I	IMP: Pension income - employer funded pension sc
IN402C_15_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_16_I	IMP: Pension income - employer funded pension sc
IN402C_16_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_17_I	IMP: Pension income - employer funded pension sc
IN402C_17_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_18_I	IMP: Pension income - employer funded pension sc
IN402C_18_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_19_I	IMP: Pension income - employer funded pension sc
IN402C_19_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_1_I	IMP: Pension income - employer funded pension sc
IN402C_1_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_20_I	IMP: Pension income - employer funded pension sc
IN402C_20_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_21_I	IMP: Pension income - employer funded pension sc
IN402C_21_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_22_I	IMP: Pension income - employer funded pension sc
IN402C_22_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_23_I	IMP: Pension income - employer funded pension sc
IN402C_23_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_24_I	IMP: Pension income - employer funded pension sc
IN402C_24_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_25_I	IMP: Pension income - employer funded pension sc
IN402C_25_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_26_I	IMP: Pension income - employer funded pension sc
IN402C_26_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_27_I	IMP: Pension income - employer funded pension sc
IN402C_27_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_28_I	IMP: Pension income - employer funded pension sc
IN402C_28_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_29_I	IMP: Pension income - employer funded pension sc
IN402C_29_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_2_I	IMP: Pension income - employer funded pension sc
IN402C_2_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_30_I	IMP: Pension income - employer funded pension sc
IN402C_30_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_31_I	IMP: Pension income - employer funded pension sc
IN402C_31_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_32_I	IMP: Pension income - employer funded pension sc
IN402C_32_I_F	IMP Flag: Pension income - employer funded pensi
IN402C_33_I	IMP: Pension income - employer funded pension sc
IN402C_33_I_F	IMP Flag: Pension income - employer funded pensi

[illegible]

IN402D_30_I_F	IMP Flag: Pension income - privately purchased c
IN402D_31_I	IMP: Pension income - privately purchased commer
IN402D_31_I_F	IMP Flag: Pension income - privately purchased c
IN402D_32_I	IMP: Pension income - privately purchased commer
IN402D_32_I_F	IMP Flag: Pension income - privately purchased c
IN402D_33_I	IMP: Pension income - privately purchased commer
IN402D_33_I_F	IMP Flag: Pension income - privately purchased c
IN402D_34_I	IMP: Pension income - privately purchased commer
IN402D_34_I_F	IMP Flag: Pension income - privately purchased c
IN402D_35_I	IMP: Pension income - privately purchased commer
IN402D_35_I_F	IMP Flag: Pension income - privately purchased c
IN402D_3_I	IMP: Pension income - privately purchased commer
IN402D_3_I_F	IMP Flag: Pension income - privately purchased c
IN402D_4_I	IMP: Pension income - privately purchased commer
IN402D_4_I_F	IMP Flag: Pension income - privately purchased c
IN402D_5_I	IMP: Pension income - privately purchased commer
IN402D_5_I_F	IMP Flag: Pension income - privately purchased c
IN402D_6_I	IMP: Pension income - privately purchased commer
IN402D_6_I_F	IMP Flag: Pension income - privately purchased c
IN402D_7_I	IMP: Pension income - privately purchased commer
IN402D_7_I_F	IMP Flag: Pension income - privately purchased c
IN402D_8_I	IMP: Pension income - privately purchased commer
IN402D_8_I_F	IMP Flag: Pension income - privately purchased c
IN402D_9_I	IMP: Pension income - privately purchased commer
IN402D_9_I_F	IMP Flag: Pension income - privately purchased c

Pension Income: Public pensions

Wave	Variable	Label	Type
1	HH1IPUBPEN	hhlipubpen:w1 income: hhold income from public pensions	Cont
1	R1IPUBPEN	rlipubpen:w1 income: r income from public pensions	Cont
1	S1IPUBPEN	slipubpen:w1 income: s income from public pensions	Cont
1	HH1IFPUBPEN	hhlifpubpen:w1 impflag: hhold income from public pensions	Categ
1	R1IFPUBPEN	rlifpubpen:w1 impflag: r income from public pensions	Categ
1	S1IFPUBPEN	slifpubpen:w1 impflag: s income from public pensions	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1IPUBPEN	73405	16477.23	83384.92	0.00	4800000.00
R1IPUBPEN	73407	8243.73	59408.74	0.00	4800000.00
S1IPUBPEN	50151	7797.88	53885.25	0.00	2800000.00
HH1IFPUBPEN	73408	5.59	1.48	-2.00	8.00
R1IFPUBPEN	73408	5.79	1.15	-1.00	8.00
S1IFPUBPEN	50152	5.80	1.03	-1.00	8.00

Categorical Variable Codes

Value-----	HH1IFPUBPEN
-2.not imputed, missing covariates	1
-1.not imputed, missing neighbors	2
1.continuous value	6469
2.complete bracket	57
3.incomplete bracket	258
5.no value/bracket	212
6.no receipt	64550
7.dk receipt	40
8.module not answered	1819
Value-----	R1IFPUBPEN
-1.not imputed, missing neighbors	1
1.continuous value	3643
2.complete bracket	28
3.incomplete bracket	225
5.no value/bracket	113
6.no receipt	67538
7.dk receipt	40
8.module not answered	1820
Value-----	S1IFPUBPEN
.u:Unmar	16594
.v:SP NR	6662
-1.not imputed, missing neighbors	1
1.continuous value	2070
2.complete bracket	18
3.incomplete bracket	142
5.no value/bracket	54

6.no receipt		47319
7.dk receipt		22
8.module not answered		526

How Constructed

Financial respondents in the household interview are asked to report for each household member pension income received (work related/ contributory/ commercially purchased) in the past 12 months.

RwIPUBPEN is public pension income of the respondent, which is the sum of pension income from 2 sources:

1. central government pension schemes (e.g. Central Civil Service Pension Scheme, Civil Service Provident Fund, Retiring pension, Superannuation, Contributory pension schemes (NPS etc.), etc.)
2. state government pension schemes

RwIPUBPEN includes imputations for missing values.

RwIFPUBPEN is a flag indicating the highest level of imputation of the components of RwIPUBPEN. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

SwIPUBPEN is taken directly from the spouse's value of RwIPUBPEN. SwIFPUBPEN is taken directly from the spouse's value of RwIFPUBPEN. 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.

HHwIPUBPEN is the summed totals of every household member's earnings from public pensions, which includes imputations for missing values. The categories of income are the same as the ones in RwIPUBPEN, the main difference being that the household level variables include the income of respondents and non-respondents in a household. If the financial respondent doesn't give an estimate amount to each pension category for everyone who received pension income, HHwIPUBPEN uses the reported estimate of all types of pension income for all household members in the past 12 months.

HHwIFPUBPEN is a flag indicating the highest level of imputation of the components of HHwIPUBPEN. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The RAND HRS does not include a variable capturing total public pension income like RwIPUBPEN in the Harmonized LASI. In the RAND HRS, RwISRET and RwISSDI capture income from Social Security retirement

income and Social Security disability (SDI) and Supplemental Security income (SSI) which are large public pension income in the United States. RwpUBPEN in the Harmonized LASI though captures many more types of national public pension income schemes such as Central Civil Service Pension Scheme, Civil Service Provident Fund, Retiring pension, Superannuation, Contributory pension schemes (NPS etc.) and state level public pension income schemes.

LASI Variables Used

Wave 1 HH:

IN402A_10_I	IMP: Pension income - central government pension
IN402A_10_I_F	IMP Flag: Pension income - central government pe
IN402A_11_I	IMP: Pension income - central government pension
IN402A_11_I_F	IMP Flag: Pension income - central government pe
IN402A_12_I	IMP: Pension income - central government pension
IN402A_12_I_F	IMP Flag: Pension income - central government pe
IN402A_13_I	IMP: Pension income - central government pension
IN402A_13_I_F	IMP Flag: Pension income - central government pe
IN402A_14_I	IMP: Pension income - central government pension
IN402A_14_I_F	IMP Flag: Pension income - central government pe
IN402A_15_I	IMP: Pension income - central government pension
IN402A_15_I_F	IMP Flag: Pension income - central government pe
IN402A_16_I	IMP: Pension income - central government pension
IN402A_16_I_F	IMP Flag: Pension income - central government pe
IN402A_17_I	IMP: Pension income - central government pension
IN402A_17_I_F	IMP Flag: Pension income - central government pe
IN402A_18_I	IMP: Pension income - central government pension
IN402A_18_I_F	IMP Flag: Pension income - central government pe
IN402A_19_I	IMP: Pension income - central government pension
IN402A_19_I_F	IMP Flag: Pension income - central government pe
IN402A_1_I	IMP: Pension income - central government pension
IN402A_1_I_F	IMP Flag: Pension income - central government pe
IN402A_20_I	IMP: Pension income - central government pension
IN402A_20_I_F	IMP Flag: Pension income - central government pe
IN402A_21_I	IMP: Pension income - central government pension
IN402A_21_I_F	IMP Flag: Pension income - central government pe
IN402A_22_I	IMP: Pension income - central government pension
IN402A_22_I_F	IMP Flag: Pension income - central government pe
IN402A_23_I	IMP: Pension income - central government pension
IN402A_23_I_F	IMP Flag: Pension income - central government pe
IN402A_24_I	IMP: Pension income - central government pension
IN402A_24_I_F	IMP Flag: Pension income - central government pe
IN402A_25_I	IMP: Pension income - central government pension
IN402A_25_I_F	IMP Flag: Pension income - central government pe
IN402A_26_I	IMP: Pension income - central government pension
IN402A_26_I_F	IMP Flag: Pension income - central government pe
IN402A_27_I	IMP: Pension income - central government pension
IN402A_27_I_F	IMP Flag: Pension income - central government pe
IN402A_28_I	IMP: Pension income - central government pension
IN402A_28_I_F	IMP Flag: Pension income - central government pe
IN402A_29_I	IMP: Pension income - central government pension
IN402A_29_I_F	IMP Flag: Pension income - central government pe
IN402A_2_I	IMP: Pension income - central government pension
IN402A_2_I_F	IMP Flag: Pension income - central government pe
IN402A_30_I	IMP: Pension income - central government pension
IN402A_30_I_F	IMP Flag: Pension income - central government pe
IN402A_31_I	IMP: Pension income - central government pension
IN402A_31_I_F	IMP Flag: Pension income - central government pe
IN402A_32_I	IMP: Pension income - central government pension
IN402A_32_I_F	IMP Flag: Pension income - central government pe
IN402A_33_I	IMP: Pension income - central government pension
IN402A_33_I_F	IMP Flag: Pension income - central government pe
IN402A_34_I	IMP: Pension income - central government pension
IN402A_34_I_F	IMP Flag: Pension income - central government pe

[illegible]

IN402B_31_I_F	IMP Flag: Pension income - state government pens
IN402B_32_I	IMP: Pension income - state government pension s
IN402B_32_I_F	IMP Flag: Pension income - state government pens
IN402B_33_I	IMP: Pension income - state government pension s
IN402B_33_I_F	IMP Flag: Pension income - state government pens
IN402B_34_I	IMP: Pension income - state government pension s
IN402B_34_I_F	IMP Flag: Pension income - state government pens
IN402B_35_I	IMP: Pension income - state government pension s
IN402B_35_I_F	IMP Flag: Pension income - state government pens
IN402B_3_I	IMP: Pension income - state government pension s
IN402B_3_I_F	IMP Flag: Pension income - state government pens
IN402B_4_I	IMP: Pension income - state government pension s
IN402B_4_I_F	IMP Flag: Pension income - state government pens
IN402B_5_I	IMP: Pension income - state government pension s
IN402B_5_I_F	IMP Flag: Pension income - state government pens
IN402B_6_I	IMP: Pension income - state government pension s
IN402B_6_I_F	IMP Flag: Pension income - state government pens
IN402B_7_I	IMP: Pension income - state government pension s
IN402B_7_I_F	IMP Flag: Pension income - state government pens
IN402B_8_I	IMP: Pension income - state government pension s
IN402B_8_I_F	IMP Flag: Pension income - state government pens
IN402B_9_I	IMP: Pension income - state government pension s
IN402B_9_I_F	IMP Flag: Pension income - state government pens

Pension Income: Other pensions

Wave	Variable	Label	Type
1	HH1IPENO	hhlipeno:w1 income: hhold income from other pensions	Cont
1	R1IPENO	rlipeno:w1 income: r income from other pensions	Cont
1	S1IPENO	slipeno:w1 income: s income from other pensions	Cont
1	HH1IFPEN0	hhlifpeno:w1 impflag: hhold income from other pensions	Categ
1	R1IFPEN0	rlifpeno:w1 impflag: r income from other pensions	Categ
1	S1IFPEN0	slifpeno:w1 impflag: s income from other pensions	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1IPENO	73405	799.04	12898.90	0.00	1152000.00
R1IPENO	73407	387.48	8780.09	0.00	1152000.00
S1IPENO	50151	277.57	7157.08	0.00	480000.00
HH1IFPEN0	73408	5.97	0.68	-2.00	8.00
R1IFPEN0	73408	6.00	0.57	-1.00	8.00
S1IFPEN0	50152	5.99	0.44	-1.00	8.00

Categorical Variable Codes

Value-----	HH1IFPEN0
-2.not imputed, missing covariates	1
-1.not imputed, missing neighbors	2
1.continuous value	998
2.complete bracket	7
3.incomplete bracket	139
5.no value/bracket	68
6.no receipt	70350
7.dk receipt	26
8.module not answered	1817
Value-----	R1IFPEN0
-1.not imputed, missing neighbors	1
1.continuous value	606
2.complete bracket	4
3.incomplete bracket	137
5.no value/bracket	42
6.no receipt	70774
7.dk receipt	26
8.module not answered	1818
Value-----	S1IFPEN0
.u:Unmar	16594
.v:SP NR	6662
-1.not imputed, missing neighbors	1
1.continuous value	271
2.complete bracket	4
3.incomplete bracket	87
5.no value/bracket	14

6.no receipt		49235
7.dk receipt		16
8.module not answered		524

How Constructed

Financial respondents in the household interview are asked to report for each household member pension income received (work related/ contributory/ commercially purchased) in the past 12 months.

RwIPENO is the other pension income of the respondent, which includes imputations for missing values. Other pensions are any pension not already covered by RwIPENA or RwIPUBPEN.

RwIFPENO is a flag indicating the highest level of imputation of the components of RwIPENO. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

SwIPENO is taken directly from the spouse's value of RwIPENO. SwIFPENO is taken directly from the spouse's value of RwIFPENO. 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.

HHwIPENO is the summed totals of every household member's earnings from other pensions. Other pensions are any pension not already covered by HHwIPENA or HHwIPUBPEN. If the financial respondent doesn't give an estimate amount to each pension category for everyone who received pension income, HHwIPENO uses the reported estimate of all types of pension income for all household members in the past 12 months.

HHwIFPENO is a flag indicating the highest level of imputation of the components of HHwIPENO. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The RAND HRS does not have an equivalent variable.

LASI Variables Used

Wave 1 HH:		
IN402E_10_I		IMP: Amount of pension received in past 12 month
IN402E_10_I_F		IMP Flag: Amount of pension received in past 12
IN402E_11_I		IMP: Amount of pension received in past 12 month
IN402E_11_I_F		IMP Flag: Amount of pension received in past 12
IN402E_12_I		IMP: Amount of pension received in past 12 month

[illegible]

IN402E_9_I	IMP: Amount of pension received in past 12 month
IN402E_9_I_F	IMP Flag: Amount of pension received in past 12

Pension Income: Total

Wave	Variable	Label	Type
1	HH1IPEN	hhlipen:w1 income: hhold income from all pensions	Cont
1	R1IPEN	rlipen:w1 income: r income from all pensions	Cont
1	S1IPEN	slipen:w1 income: s income from all pensions	Cont
1	HH1IFPEN	hhlifpen:w1 incflag: hhold income from all pensions	Categ
1	R1IFPEN	rlifpen:w1 incflag: r income from all pensions	Categ
1	S1IFPEN	slifpen:w1 incflag: s income from all pensions	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1IPEN	73400	18330.11	88942.69	0.00	4800000.00
R1IPEN	73403	9224.97	64223.48	0.00	4800000.00
S1IPEN	50148	8614.83	57840.49	0.00	3000000.00
HH1IFPEN	73408	5.50	1.60	-2.00	8.00
R1IFPEN	73408	5.73	1.26	-1.00	8.00
S1IFPEN	50152	5.76	1.12	-1.00	8.00

Categorical Variable Codes

Value-----	HH1IFPEN
-2.not imputed, missing covariates	1
-1.not imputed, missing neighbors	7
1.continuous value	7834
2.complete bracket	64
3.incomplete bracket	278
5.no value/bracket	296
6.no receipt	63068
7.dk receipt	41
8.module not answered	1819
Value-----	R1IFPEN
-1.not imputed, missing neighbors	5
1.continuous value	4480
2.complete bracket	31
3.incomplete bracket	242
5.no value/bracket	163
6.no receipt	66626
7.dk receipt	41
8.module not answered	1820
Value-----	S1IFPEN
.u:Unmar	16594
.v:SP NR	6662
-1.not imputed, missing neighbors	4
1.continuous value	2488
2.complete bracket	21
3.incomplete bracket	152
5.no value/bracket	71

6.no receipt		46868
7.dk receipt		22
8.module not answered		526

How Constructed

Financial respondents in the household interview are asked to report for each household member pension income received (work related/ contributory/ commercially purchased) in the past 12 months.

RwIPEN is the total pension income of the respondent, which includes imputations for missing values. This is a sum of RwIPENA, RwIPUBPEN, and RwIPENO.

RwIFPEN is a flag indicating the highest level of imputation of the components of RwIPEN. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

SwIPEN is taken directly from the spouse's value of RwIPEN. SwIFPEN is taken directly from the spouse's value of RwIFPEN. 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.

HHwIPEN is the summed totals of every household member's earnings from private pensions, public pensions, and other pensions. The categories of income are the same as the ones in RwIPEN, the main difference being that the household level variables include the income of respondents and non-respondents in a household. If the financial respondent doesn't give an estimate amount to each pension category for everyone who received pension income, HHwIPEN is equal to the direct estimate of pension income for all household members in the past 12 months, as opposed to a summed total.

HHwIFPEN is a flag indicating the highest level of imputation of the components of HHwIPEN. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The RAND HRS does not have an equivalent variable.

LASI Variables Used

Wave 1 HH:	
IN402A_10_I	IMP: Pension income - central government pension
IN402A_10_I_F	IMP Flag: Pension income - central government pe
IN402A_11_I	IMP: Pension income - central government pension

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Government/Public Transfer Income
--

Wave	Variable	Label	Type
1	HH1IGXFR	hhligxfr:w1 income: hhold other government transfer income	Cont
1	HH1IFGXFR	hhlifgxfr:w1 impflag: hhold other government transfer income	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1IGXFR	73403	7101.68	60192.29	0.00	9013200.00
HH1IFGXFR	73408	5.88	0.97	1.00	8.00

Categorical Variable Codes

Value-----	HH1IFGXFR
1.continuous value	2457
2.complete bracket	57
3.incomplete bracket	14
5.no value/bracket	7
6.no receipt	69038
7.dk receipt	3
8.module not answered	1832

How Constructed

HHwIGXFR is the household summary of other government/public transfer income, which includes imputations for missing values. The financial respondent is asked to provide the amounts of each government subsidy or transfer their household received in the last 12 months. The government subsidies and transfers include:

1. Agricultural subsidies (Fertilizers, seeds, equipment etc.)
2. Non-agricultural government subsidies (LPG Subsidies, scholarship for education, subsidy for building toilets, subsidy for setting up small scale industries, subsidy for solar panels, etc.)
3. Housing assistance
4. Unemployment Allowance
5. Janani Suraksha Yojana (JSY)/Any other maternity compensation
6. Compensation under any other health benefits program (other than JSY)
7. Compensation for illness or accident
8. Emergency or disaster relief (flood, earthquake, drought, etc.)
9. Debt waiver
10. Compensation for re-settlement (due to slums, dams, road, etc.)
11. Assistance for self-employment (like Swarnajayanti Gram Swarozgar Yojana/ National Rural Livelihood Mission)
12. Social security pension schemes (like Indira Gandhi National Old Age Pension Scheme, Indira Gandhi National Widow Pension Scheme, Indira Gandhi National Disability Pension Scheme)

13. Other government transfers (like Aam Aadmi Bima Yojana, Bachat Lamp Yojana, Gramin Bhandaran Yojana)

If the respondent gave specific amounts for all of the government subsidies and transfers received, HHwIGXFR is the summed value of each of the reported individual subsidies and transfers above. If they did not give a specific amount for any of the subsidies or transfer, HHwIGXFR is the directly reported total value of all government transfers and subsidies of a household in the past 12 months.

HHwIFGXFR is a flag indicating the highest level of imputation of the components of HHwIGXFR. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In LASI, other government transfer income is not asked at the respondent and spouse level, unlike the HRS. Therefore, a household level variable of other government transfer income is provided as part of the RAND HRS, which instead has a respondent-level variable of other government transfer income, RwigXFR.

LASI Variables Used

Wave 1 HH:

IN702A_I	IMP: Government transfers - agricultural subsidi
IN702A_I_F	IMP Flag: Government transfers - agricultural su
IN702B_I	IMP: Government transfers - non-agricultural gov
IN702B_I_F	IMP Flag: Government transfers - non-agricultura
IN702C_I	IMP: Government transfers - housing assistance
IN702C_I_F	IMP Flag: Government transfers - housing assista
IN702D_I	IMP: Government transfers - unemployment allowan
IN702D_I_F	IMP Flag: Government transfers - unemployment al
IN702E_I	IMP: Government transfers - Janani Surakhya Yoja
IN702E_I_F	IMP Flag: Government transfers - Janani Surakhya
IN702F_I	IMP: Government transfers - compensation under o
IN702F_I_F	IMP Flag: Government transfers - compensation un
IN702G_I	IMP: Government transfers - compensation for ill
IN702G_I_F	IMP Flag: Government transfers - compensation fo
IN702H_I	IMP: Government transfers - emergency or disaste
IN702H_I_F	IMP Flag: Government transfers - emergency or di
IN702I_I	IMP: Government transfers - debt waiver
IN702I_I_F	IMP Flag: Government transfers - debt waiver
IN702J_I	IMP: Government transfers - compensation for re-
IN702J_I_F	IMP Flag: Government transfers - compensation fo
IN702K_I	IMP: Government transfers - assistance for self-
IN702K_I_F	IMP Flag: Government transfers - assistance for
IN702L_I	IMP: Government transfers - social security pens
IN702L_I_F	IMP Flag: Government transfers - social security
IN702M_I	IMP: Government transfers - other
IN702M_I_F	IMP Flag: Government transfers - other

Private Transfer Income

Wave	Variable	Label	Type
1	HH1IPXFR	hh1ipxfr:w1 income: hhold support - private transfers	Cont
1	HH1IFPXFR	hh1ifpxfr:w1 impflag: hhold support - private transfers	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1IPXFR	73407	2429.82	28437.46	0.00	3200000.00
HH1IFPXFR	73408	5.84	1.06	-1.00	8.00

Categorical Variable Codes

Value-----	HH1IFPXFR
-1.not imputed, missing neighbors	1
1.continuous value	3047
2.complete bracket	40
3.incomplete bracket	1
5.no value/bracket	84
6.no receipt	68383
7.dk receipt	34
8.module not answered	1818

How Constructed

HHwIPXFR is the household summary of private transfer income, which includes imputations for missing values. HHwIPXFR incorporates values from three set of questions:

1. Amount of private money transfers (remittances)
2. Value of non-monetary gifts and in-kind transfers from abroad
3. Value of non-monetary gifts and in-kind transfers from inside India

The financial respondent is asked to provide the amounts of private money transfers (remittances) their household received in the last 12 months by donor. Private money transfers include any money a household received in remittances or gifts from family, friends, charities, or other groups. This includes transfers from abroad and India. If they do not know the amount of remittances a household received from all donors, the financial respondent is asked to directly report the total amount the household received in remittances from family and friends - instead of amounts from each donor separately.

The financial respondent is asked whether their household received any gifts, donations or other non-monetary items like food, from family, friends, charities, or religious or other groups in the last 12 months. They could answer that they received gifts and in-kind transfers from 1)abroad, 2)from inside India, 3)from both, or 4)that they did not receive any gifts and in-kind transfers. If the financial respondent reported they received any gifts and in-kind transfers from abroad, they were asked to provide their best estimate of the total value of gifts and in-kind transfers from abroad only. If the financial respondent reported they received any gifts and in-kind transfers from inside India, they were asked to provide their best estimate of the total value of gifts and in-kind transfers from inside India only.

HHwIFPXFR is a flag indicating the highest level of imputation of the components of HHwIPXFR. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates

that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

A variable capturing private transfer income is not included in the RAND HRS.

LASI Variables Used

Wave 1 HH:

IN504_10_I	IMP: Money sent by donor in past 12 months
IN504_10_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_11_I	IMP: Money sent by donor in past 12 months
IN504_11_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_12_I	IMP: Money sent by donor in past 12 months
IN504_12_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_13_I	IMP: Money sent by donor in past 12 months
IN504_13_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_14_I	IMP: Money sent by donor in past 12 months
IN504_14_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_15_I	IMP: Money sent by donor in past 12 months
IN504_15_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_1_I	IMP: Money sent by donor in past 12 months
IN504_1_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_2_I	IMP: Money sent by donor in past 12 months
IN504_2_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_3_I	IMP: Money sent by donor in past 12 months
IN504_3_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_4_I	IMP: Money sent by donor in past 12 months
IN504_4_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_5_I	IMP: Money sent by donor in past 12 months
IN504_5_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_6_I	IMP: Money sent by donor in past 12 months
IN504_6_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_7_I	IMP: Money sent by donor in past 12 months
IN504_7_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_8_I	IMP: Money sent by donor in past 12 months
IN504_8_I_F	IMP Flag: Money sent by donor in past 12 months
IN504_9_I	IMP: Money sent by donor in past 12 months
IN504_9_I_F	IMP Flag: Money sent by donor in past 12 months
IN507A_I	IMP: Total value of gifts and in-kind transfers
IN507A_I_F	IMP Flag: Total value of gifts and in-kind transfers
IN507B_I	IMP: Value of gifts and in-kind transfers from I
IN507B_I_F	IMP Flag: Value of gifts and in-kind transfers f

Other Income

Wave	Variable	Label	Type
1	HH1IOTHR	hhliothr:w1 income: hhold other income	Cont
1	HH1IFOTHR	hhlifothr:w1 impflag: hhold other income	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1IOTHR	73408	1453.72	22018.39	0.00	2500000.00
HH1IFOTHR	73408	5.94	0.80	1.00	8.00

Categorical Variable Codes

Value-----	HH1IFOTHR
1.continuous value	1618
2.complete bracket	2
6.no receipt	69922
7.dk receipt	39
8.module not answered	1827

How Constructed

HHwIOTHR is the value of a household's other income in the past 12 months, which includes imputations for missing values. Financial respondents are asked to include income from: "Lump sum grant from job, lottery and other gains, medical claim, alimony, dowry and private scholarships etc.".

They are also asked to exclude income from "Rent/ Security from Housing and Commercial Buildings, Rent from Land, Rent from Farming Assets & Equipment/Livestock, Interest & Dividends from Financial Investments/Personal loan, Income from Agriculture/Livestock Products/ Non-Agriculture Business, Individual Earnings: Salaries, Wages etc., and Income from Pension/Government & Private Transfers"

If the respondent does not give an exact amount value of other household income, they are asked 3 bracket questions with 3 randomly chosen threshold values from a set of 4 amounts (Rupees 8,000; Rupees 15,000; Rupees 30,000; Rupees 75,000). Respondents can say that it is 1) less than that amount, 2) more than that amount, or 3) about equal to that amount. This information is used in the imputation of HHwIOTHR.

HHwIFOTHR is a flag indicating the highest level of imputation of the components of HHwIOTHR. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In the RAND HRS, HwIOTHR sums alimony, other income, and lump sums from insurance, pension, and

inheritance. In Harmonized LASI, income from lump sums from insurance, pension, and inheritance are not specified as "other income", so it may not be included as part of a household's other income.

LASI Variables Used

Wave 1 HH:
IN602_I IMP: Income from other sources
IN602_I_F IMP Flag: Income from other sources

Total Household Income

Wave	Variable	Label	Type
1	HH1ITOT	hh1itot:w1 income: hhold total household income	Cont
1	HH1IFTOT	hh1iftot:w1 incflag: hhold total household income	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1ITOT	73209	191710.27	539962.81	-65848812.00	60021000.00
HH1IFTOT	73408	1.99	1.89	-2.00	8.00

Categorical Variable Codes

Value-----	HH1IFTOT
-2.not imputed, missing covariates	1
-1.not imputed, missing neighbors	193
1.continuous value	51124
2.complete bracket	8480
3.incomplete bracket	379
5.no value/bracket	6863
6.no receipt	3701
7.dk receipt	836
8.module not answered	1831

How Constructed

HHwITOT is the sum of all income at the household level including income from earning income, total capital income, pension income, income from government transfers, private transfer income, and other income. HHwITOT includes imputations for missing values.

$HHwITOT = HHwIEARN + HHwICAP + HHwIPEN + HHwIGXFR + HHwIPXFR + HHwIOTHR.$

HHwIFTOT is a flag indicating the highest level of imputation of the components of HHwITOT. A code of 1 indicates the financial respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is set to 0. A code of 7 indicates that the ownership of the components are not known and ownership and the value were imputed simultaneously. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

For more information, please see the "How Constructed" section for each component of HHwITOT.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Refer to the "Differences with RAND HRS" sections of each component to identify differences with the RAND HRS for each component.

LASI Variables Used

Wave 1 HH:

IN304_10_1_I	IMP: Earnings in past 12 months
IN304_10_1_I_F	IMP Flag: Earnings in past 12 months
IN304_10_2_I	IMP: Earnings in past 12 months
IN304_10_2_I_F	IMP Flag: Earnings in past 12 months
IN304_10_3_I	IMP: Earnings in past 12 months
IN304_10_3_I_F	IMP Flag: Earnings in past 12 months
IN304_10_4_I	IMP: Earnings in past 12 months
IN304_10_4_I_F	IMP Flag: Earnings in past 12 months
IN304_10_5_I	IMP: Earnings in past 12 months
IN304_10_5_I_F	IMP Flag: Earnings in past 12 months
IN304_10_6_I	IMP: Earnings in past 12 months
IN304_10_6_I_F	IMP Flag: Earnings in past 12 months
IN304_11_1_I	IMP: Earnings in past 12 months
IN304_11_1_I_F	IMP Flag: Earnings in past 12 months
IN304_11_2_I	IMP: Earnings in past 12 months
IN304_11_2_I_F	IMP Flag: Earnings in past 12 months
IN304_11_3_I	IMP: Earnings in past 12 months
IN304_11_3_I_F	IMP Flag: Earnings in past 12 months
IN304_11_4_I	IMP: Earnings in past 12 months
IN304_11_4_I_F	IMP Flag: Earnings in past 12 months
IN304_11_5_I	IMP: Earnings in past 12 months
IN304_11_5_I_F	IMP Flag: Earnings in past 12 months
IN304_11_6_I	IMP: Earnings in past 12 months
IN304_11_6_I_F	IMP Flag: Earnings in past 12 months
IN304_12_1_I	IMP: Earnings in past 12 months
IN304_12_1_I_F	IMP Flag: Earnings in past 12 months
IN304_12_2_I	IMP: Earnings in past 12 months
IN304_12_2_I_F	IMP Flag: Earnings in past 12 months
IN304_12_3_I	IMP: Earnings in past 12 months
IN304_12_3_I_F	IMP Flag: Earnings in past 12 months
IN304_12_4_I	IMP: Earnings in past 12 months
IN304_12_4_I_F	IMP Flag: Earnings in past 12 months
IN304_12_5_I	IMP: Earnings in past 12 months
IN304_12_5_I_F	IMP Flag: Earnings in past 12 months
IN304_12_6_I	IMP: Earnings in past 12 months
IN304_12_6_I_F	IMP Flag: Earnings in past 12 months
IN304_13_1_I	IMP: Earnings in past 12 months
IN304_13_1_I_F	IMP Flag: Earnings in past 12 months
IN304_13_2_I	IMP: Earnings in past 12 months
IN304_13_2_I_F	IMP Flag: Earnings in past 12 months
IN304_13_3_I	IMP: Earnings in past 12 months
IN304_13_3_I_F	IMP Flag: Earnings in past 12 months
IN304_13_4_I	IMP: Earnings in past 12 months
IN304_13_4_I_F	IMP Flag: Earnings in past 12 months
IN304_13_5_I	IMP: Earnings in past 12 months
IN304_13_5_I_F	IMP Flag: Earnings in past 12 months
IN304_13_6_I	IMP: Earnings in past 12 months
IN304_13_6_I_F	IMP Flag: Earnings in past 12 months
IN304_14_1_I	IMP: Earnings in past 12 months
IN304_14_1_I_F	IMP Flag: Earnings in past 12 months
IN304_14_2_I	IMP: Earnings in past 12 months
IN304_14_2_I_F	IMP Flag: Earnings in past 12 months
IN304_14_3_I	IMP: Earnings in past 12 months
IN304_14_3_I_F	IMP Flag: Earnings in past 12 months
IN304_14_4_I	IMP: Earnings in past 12 months
IN304_14_4_I_F	IMP Flag: Earnings in past 12 months
IN304_14_5_I	IMP: Earnings in past 12 months
IN304_14_5_I_F	IMP Flag: Earnings in past 12 months
IN304_14_6_I	IMP: Earnings in past 12 months
IN304_14_6_I_F	IMP Flag: Earnings in past 12 months

[illegible]

[illegible]

[illegible]

IN304_6_2_I_F	IMP Flag: Earnings in past 12 months
IN304_6_3_I	IMP: Earnings in past 12 months
IN304_6_3_I_F	IMP Flag: Earnings in past 12 months
IN304_6_4_I	IMP: Earnings in past 12 months
IN304_6_4_I_F	IMP Flag: Earnings in past 12 months
IN304_6_5_I	IMP: Earnings in past 12 months
IN304_6_5_I_F	IMP Flag: Earnings in past 12 months
IN304_6_6_I	IMP: Earnings in past 12 months
IN304_6_6_I_F	IMP Flag: Earnings in past 12 months
IN304_7_1_I	IMP: Earnings in past 12 months
IN304_7_1_I_F	IMP Flag: Earnings in past 12 months
IN304_7_2_I	IMP: Earnings in past 12 months
IN304_7_2_I_F	IMP Flag: Earnings in past 12 months
IN304_7_3_I	IMP: Earnings in past 12 months
IN304_7_3_I_F	IMP Flag: Earnings in past 12 months
IN304_7_4_I	IMP: Earnings in past 12 months
IN304_7_4_I_F	IMP Flag: Earnings in past 12 months
IN304_7_5_I	IMP: Earnings in past 12 months
IN304_7_5_I_F	IMP Flag: Earnings in past 12 months
IN304_7_6_I	IMP: Earnings in past 12 months
IN304_7_6_I_F	IMP Flag: Earnings in past 12 months
IN304_8_1_I	IMP: Earnings in past 12 months
IN304_8_1_I_F	IMP Flag: Earnings in past 12 months
IN304_8_2_I	IMP: Earnings in past 12 months
IN304_8_2_I_F	IMP Flag: Earnings in past 12 months
IN304_8_3_I	IMP: Earnings in past 12 months
IN304_8_3_I_F	IMP Flag: Earnings in past 12 months
IN304_8_4_I	IMP: Earnings in past 12 months
IN304_8_4_I_F	IMP Flag: Earnings in past 12 months
IN304_8_5_I	IMP: Earnings in past 12 months
IN304_8_5_I_F	IMP Flag: Earnings in past 12 months
IN304_8_6_I	IMP: Earnings in past 12 months
IN304_8_6_I_F	IMP Flag: Earnings in past 12 months
IN304_9_1_I	IMP: Earnings in past 12 months
IN304_9_1_I_F	IMP Flag: Earnings in past 12 months
IN304_9_2_I	IMP: Earnings in past 12 months
IN304_9_2_I_F	IMP Flag: Earnings in past 12 months
IN304_9_3_I	IMP: Earnings in past 12 months
IN304_9_3_I_F	IMP Flag: Earnings in past 12 months
IN304_9_4_I	IMP: Earnings in past 12 months
IN304_9_4_I_F	IMP Flag: Earnings in past 12 months
IN304_9_5_I	IMP: Earnings in past 12 months
IN304_9_5_I_F	IMP Flag: Earnings in past 12 months
IN304_9_6_I	IMP: Earnings in past 12 months
IN304_9_6_I_F	IMP Flag: Earnings in past 12 months

Household Food Consumption

Wave	Variable	Label	Type
1	HH1CFOOD1W	hh1cfood1w:w1 consumption: hhold weekly food consumption	Cont
1	HH1CFFOOD1W	hh1cffood1w:w1 impflag: hhold weekly food consumption	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1CFOOD1W	73406	1839.17	1194.58	0.00	25000.00
HH1CFFOOD1W	73408	1.16	0.97	-1.00	8.00

Categorical Variable Codes

Value-----	HH1CFFOOD1W
-1.not imputed, missing neighbors	2
1.continuous value	70350
2.complete bracket	1590
3.incomplete bracket	23
5.no value/bracket	35
8.module not answered	1408

How Constructed

HHwCFOOD1W is the market value of a household's food consumption in the past 7 days, including not only market-purchased food, but also home-produced food and in-kind transfers. HHwCFOOD1W includes imputations for missing values.

This measure is comprised of 10 types of food expenditures:

1. Cereals and Cereal Products (staple food such as rice, chura/poha, wheat, jawar, bajra, muri, maida, suji/rawa, barley grains, noodles, bread, sevai and other cereal products.)
2. Pulses and Pulse Products (dal, chana, soyabean, gram and gram products, besan, sattu, and other pulses and pulse products)
3. Edible oil, Salt and Spices (mustard oil, groundnut oil, coconut oil, other refined edible oils, vanaspati, ginger, garlic, salt, turmeric, dry chilies, oilseeds, curry powder, and other spices)
4. Milk and Milk Products; Sugar and Sugar Products (milk, curd, baby food, condensed milk/powder milk, butter, paneer, cheese, ghee, lassi, butter milk, Ice cream, sugar, candy, chocolates, misri, honey, jaggery/gud, sweets, etc.)
5. Fruits and Vegetables (grapes, pineapple, orange, guava, apple, berries, coconut, dried fruits, green vegetable, root vegetables, leafy vegetables, etc.)
6. Eggs, Chicken, Meat, Fish or any other non-vegetarian food item
7. Non-alcoholic drinks and beverages (tea, coffee, soda, juice, mineral water, etc.)
8. Alcoholic drinks (wine, beer, tadi, country/foreign liquor, etc.)
9. All other food items (not mentioned above such as biscuits, khakhara etc.)
10. Food eaten outside home (restaurant, street food, mid-day meal, etc.)

HHwCFOOD1W is sum of the 10 types of expenditures listed above. If the financial respondent responded with 'Don't know' or 'Refused' for any of the categories above, HHwCFOOD1W is equal to the directly reported value of all the food consumed in the household in the past 7 days, as opposed to the sum of the amounts for each category.

HHwCFFOOD1W is a flag indicating the highest level of imputation of the components of HHwCFOOD1W. A code of 1 indicates the financial respondent reported continuous values for all expenditures or provided a total value and no imputation was necessary. A code of 3 indicates that the total was imputed using the sum of non-missing expenditures. A code of 7 indicates that the total was imputed without any information provided by the financial respondent. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

This measure is not available in RAND HRS.

LASI Variables Used

Wave 1 HH:

CO002A_I	IMP: Value of food consumed - cereals and cereal
CO002A_I_F	IMP Flag: Value of food consumed - cereals and c
CO002B_I	IMP: Value of food consumed - pulses and pulse p
CO002B_I_F	IMP Flag: Value of food consumed - pulses and pu
CO002C_I	IMP: Value of food consumed - edible oil, salt a
CO002C_I_F	IMP Flag: Value of food consumed - edible oil, s
CO002D_I	IMP: Value of food consumed - milk and milk prod
CO002D_I_F	IMP Flag: Value of food consumed - milk and milk
CO002E_I	IMP: Value of food consumed - fruit and vegetabl
CO002E_I_F	IMP Flag: Value of food consumed - fruit and veg
CO002F_I	IMP: Value of food consumed - eggs, chicken, mea
CO002F_I_F	IMP Flag: Value of food consumed - eggs, chicken
CO002G_I	IMP: Value of food consumed - non-alcoholic drin
CO002G_I_F	IMP Flag: Value of food consumed - non-alcoholic
CO002H_I	IMP: Value of food consumed - alcoholic drinks
CO002H_I_F	IMP Flag: Value of food consumed - alcoholic dri
CO002I_I	IMP: Value of food consumed - other
CO002I_I_F	IMP Flag: Value of food consumed - other
CO002J_I	IMP: Value of food consumed - food eaten outside
CO002J_I_F	IMP Flag: Value of food consumed - food eaten ou

Household Non-Food Expenditures

Wave	Variable	Label	Type
1	HH1CNF1M	hh1cnf1m:w1 consumption: hhold total regular non-food expend	Cont
1	HH1CFNF1M	hh1cfnf1m:w1 impflag: hhold total regular non-food expenditu	Categ
1	HH1CNF1Y	hh1cnf1y:w1 consumption: hhold total non-regular, non-food e	Cont
1	HH1CFNF1Y	hh1cfnf1y:w1 implfag: hhold total non-regular, non-food expe	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1CNF1M	73408	3113.91	3796.18	0.00	201860.00
HH1CFNF1M	73408	1.14	0.97	1.00	8.00
HH1CNF1Y	73408	59078.13	198565.52	0.00	20052750.00
HH1CFNF1Y	73408	1.19	1.06	1.00	8.00

Categorical Variable Codes

Value-----	HH1CFNF1M
1.continuous value	71443
2.complete bracket	460
3.incomplete bracket	70
5.no value/bracket	18
8.module not answered	1417

Value-----	HH1CFNF1Y
1.continuous value	71034
5.no value/bracket	954
8.module not answered	1420

How Constructed

HHwCNF1M is the total household spending on regularly recurring non-food expenditures in the past 30 days, which includes imputations for missing values.

This measure is comprised of 7 types of expenditures:

1. Communication fees including postage, internet, telephone, mobile phone, courier and other services
2. Fuels and utilities such as gas (LPG,CNG), coal, kerosene, petrol, diesel, water charges, electricity, waste disposal
3. House rent [Soft check: C0103>10000]
4. Tobacco and tobacco products (cigarettes, cigars, bidi, pan, gutka, khaini etc.)
5. Personal toiletries and personal care items (soap, toothpaste, toothbrush, cosmetics, beauty salon, hair oil, shaving blades, etc.)
6. Entertainment, including picnics, club fees, books, magazines, newspapers, VCDs, DVDs, cable charges, and going to the cinema/other shows

7. Other expenses, not including health expenses (local transport, monthly maintenance cost, home expenses such as kitchen utensils or payments to household workers, child caretakers, etc.)

HHwCNF1M is sum of the 7 types of expenditures listed above. If the financial respondent responded with 'Don't know' or 'Refused' for any of the categories above, HHwCNF1M is equal to the directly reported value of all the food consumed in the household in the past 7 days, as opposed to the sum of the amounts for each category.

HHwCNF1Y is the total household spending on non-regular non-food expenditures in the past 12 months, which includes imputations for missing values.

This measure is comprised of 8 types of expenditures:

- 1. Clothing, bedding, linens and footwear
- 2. Education and training, including tuition and other fees, training fees, books, and other related expenses (including hostel/dining charges related to education)
- 3. Durables (personal goods, household appliances, furniture, vehicles, etc.)
- 4. Jewelry and ornaments
- 5. Rituals, festivals, and ceremonies (wedding, birthday, funeral and religious ceremonies)
- 6. Taxes and non-health insurance premium (vehicle, home, life insurance, etc.)
- 7. Loan repayment
- 8. Any other expenses (house repair, vehicle repair, medical equipment, long distance travel, donations, remittances, etc.)

HHwCNF1Y is sum of the 8 types of expenditures listed above.

HHwCFNF1M and HHwCFNF1Y are flags indicating the highest level of imputation of the components of HHwCNF1M and HHwCNF1Y, respectively. A code of 1 indicates the financial respondent reported continuous values for all expenditures or provided a total value and no imputation was necessary. A code of 3 indicates that the total was imputed using the sum of non-missing expenditures. A code of 7 indicates that the total was imputed without any information provided by the financial respondent. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HHwCNF1M and HHwCNF1Y are not available in the RAND HRS.

LASI Variables Used

Wave 1 HH:

CO101_I	IMP: HH expenses in last 30 days - communication
CO101_I_F	IMP Flag: HH expenses in last 30 days - communic
CO102_I	IMP: HH expenses in last 30 days - fuel and util
CO102_I_F	IMP Flag: HH expenses in last 30 days - fuel and
CO103_I	IMP: HH expenses in last 30 days - house rent
CO103_I_F	IMP Flag: HH expenses in last 30 days - house re
CO104_I	IMP: HH expenses in last 30 days - tobacco and t
CO104_I_F	IMP Flag: HH expenses in last 30 days - tobacco
CO105_I	IMP: HH expenses in last 30 days - personal toil

CO105_I_F	IMP Flag: HH expenses in last 30 days - personal
CO106_I	IMP: HH expenses in last 30 days - entertainment
CO106_I_F	IMP Flag: HH expenses in last 30 days - entertai
CO107_I	IMP: HH expenses in last 30 days - other
CO107_I_F	IMP Flag: HH expenses in last 30 days - other
CO209_I	IMP: HH expenses in last 12 months - clothing, b
CO209_I_F	IMP Flag: HH expenses in last 12 months - clothi
CO210_I	IMP: HH expenses in last 12 months - education a
CO210_I_F	IMP Flag: HH expenses in last 12 months - educat
CO211_I	IMP: HH expenses in last 12 months - durables
CO211_I_F	IMP Flag: HH expenses in last 12 months - durabl
CO212_I	IMP: HH expenses in last 12 months - jewelry and
CO212_I_F	IMP Flag: HH expenses in last 12 months - jewelr
CO213_I	IMP: HH expenses in last 12 months - rituals, fe
CO213_I_F	IMP Flag: HH expenses in last 12 months - ritual
CO214_I	IMP: HH expenses in last 12 months - taxes and n
CO214_I_F	IMP Flag: HH expenses in last 12 months - taxes
CO215_I	IMP: HH expenses in last 12 months - loan repaym
CO215_I_F	IMP Flag: HH expenses in last 12 months - loan r
CO216_I	IMP: HH expenses in last 12 months - other
CO216_I_F	IMP Flag: HH expenses in last 12 months - other

Household Outpatient Health Care Expenditures

Wave	Variable	Label	Type
1	HH1COHC1M	hh1cohclm:w1 consumption: hhold total outpatient health care	Cont
1	HH1CFOHC1M	hh1cfohclm:w1 impflag: hhold total outpatient health care ex	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1COHC1M	73408	1458.79	4299.04	0.00	350000.00
HH1CFOHC1M	73408	1.18	0.98	1.00	8.00

Categorical Variable Codes

Value-----	HH1CFOHC1M
1.continuous value	69113
2.complete bracket	2813
3.incomplete bracket	20
5.no value/bracket	44
8.module not answered	1418

How Constructed

HHwCOHC1M is the total household expenditures on outpatient health care in the past 30 days, including expenses on medicines or tests, purchased with/without consulting a health care provider. HHwCOHC1M includes imputations for missing values. Financial respondents are told not to include any expenses that were reimbursed.

This measure is comprised of 4 types of expenditures:

1. Medication
2. Tests (blood test, urine test, X-ray, ECG, etc.) during outpatient visits
3. Doctor’s fees (for non-institutional, outpatient services)
4. Any other medical expenses (e.g., travel expenses to medical care facilities, ambulance, dental care, home nursing, day surgeries etc.)

HHwCOHC1M is sum of the 4 types of expenditures listed above. If the financial respondent responded with 'Don't know' or 'Refused' for any of the categories above, HHwCOHC1M is equal to the directly reported value of all household outpatient health care expenses in the past 30 days, as opposed to the sum of the amounts for each category.

HHwCFOHC1M is a flag indicating the highest level of imputation of the components of HHwCOHC1M. A code of 1 indicates the financial respondent reported continuous values for all expenditures or provided a total value and no imputation was necessary. A code of 3 indicates that the total was imputed using the sum of non-missing expenditures. A code of 7 indicates that the total was imputed without any information provided by the financial respondent. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HHwCOHC1M is not available in the RAND HRS.

LASI Variables Used

Wave 1 HH:	
CO108_I	IMP: Outpatient expenses - medication
CO108_I_F	IMP Flag: Outpatient expenses - medication
CO109_I	IMP: Outpatient expenses - tests
CO109_I_F	IMP Flag: Outpatient expenses - tests
CO110_I	IMP: Outpatient expenses - doctor's fees
CO110_I_F	IMP Flag: Outpatient expenses - doctor's fees
CO111_I	IMP: Outpatient expenses - other
CO111_I_F	IMP Flag: Outpatient expenses - other

Household Inpatient Health Care Expenditures

Wave	Variable	Label	Type
1	HH1CIHC1Y	hh1cihcly:w1 consumption: hhold total inpatient health care	Cont
1	HH1CFIHC1Y	hh1cfihcly:w1 impflag: hhold total inpatient health care exp	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1CIHC1Y	73408	5344.31	38907.89	0.00	8025000.00
HH1CFIHC1Y	73408	5.06	1.98	1.00	8.00

Categorical Variable Codes

Value-----	HH1CFIHC1Y
1.continuous value	11996
2.complete bracket	2864
3.incomplete bracket	12
5.no value/bracket	52
6.no consumption	57041
7.dk consumption	25
8.module not answered	1418

How Constructed

HHwCIHC1Y is the total household health care expenditures on inpatient visits in the past 12 months, not including any expenses that were reimbursed. HHwCIHC1Y includes imputations for missing values. It also should not include any health related expenditures on the deceased, if any.

This measure is comprised of 5 types of expenditures:

1. Hospitalization and nursing home stays
2. Tests (X-ray, ECG, USG, CT Scan, MRI, blood test, urine test, etc.)
3. Medicine
4. Doctor’s fees
5. Any other medical expenses you paid during hospitalization

HHwCIHC1Y is the sum of the 5 types of expenditures listed above. If the financial respondent responded with 'Don't know' or 'Refused' for any of the categories above, HHwCIHC1Y is equal to the directly reported value of all household health expenses on inpatient visits in the past 12 months, as opposed to the sum of the amounts for each category.

HHwCFIHC1Y is a flag indicating the highest level of imputation of the components of HHwCIHC1Y. A code of 1 indicates the financial respondent reported continuous values for all expenditures or provided a total value and no imputation was necessary. A code of 3 indicates that the total was imputed using the sum of non-missing expenditures. A code of 7 indicates that the total was imputed without any information provided by the financial respondent. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HHwCIHC1Y is not available in the RAND HRS.

LASI Variables Used

Wave 1 HH:	
CO202_I	IMP: Inpatient expenses - hospitalization and nu
CO202_I_F	IMP Flag: Inpatient expenses - hospitalization a
CO203_I	IMP: Inpatient expenses - tests
CO203_I_F	IMP Flag: Inpatient expenses - tests
CO204_I	IMP: Inpatient expenses - medication
CO204_I_F	IMP Flag: Inpatient expenses - medication
CO205_I	IMP: Inpatient expenses - doctor's fees
CO205_I_F	IMP Flag: Inpatient expenses - doctor's fees
CO206_I	IMP: Inpatient expenses - other
CO206_I_F	IMP Flag: Inpatient expenses - other

Total Household Consumption

Wave	Variable	Label	Type
1	HH1CTOT	hh1ctot:w1 consumption: hhold yearly total consumption	Cont
1	HH1CFTOT	hh1cftot:w1 impflag: hhold yearly total consumption	Categ
1	HH1CPERC	hh1cperc:w1 consumption: hhold yearly total consumption per	Cont
1	HH1CFPERC	hh1cfperc:w1 impflag: hhold yearly total consumption per cap	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1CTOT	73406	214915.89	250794.51	0.00	20133910.00
HH1CFTOT	73408	1.27	1.09	-1.00	8.00
HH1CPERC	73406	48063.58	56745.32	0.00	5033477.50
HH1CFPERC	73408	1.27	1.09	-1.00	8.00

Categorical Variable Codes

Value-----	HH1CFTOT
-1.not imputed, missing neighbors	2
1.continuous value	65123
2.complete bracket	5723
3.incomplete bracket	82
5.no value/bracket	1033
7.dk consumption	25
8.module not answered	1420

Value-----	HH1CFPERC
-1.not imputed, missing neighbors	2
1.continuous value	65123
2.complete bracket	5723
3.incomplete bracket	82
5.no value/bracket	1033
7.dk consumption	25
8.module not answered	1420

How Constructed

HHwCTOT is the amount of total household consumption as aggregated from all consumption activities: food consumption in last week, non-food in the past 30 days, other non-food consumption in the past year, outpatient health care expenditures in the past 30 days, and inpatient health care expenditures in the past year. This variable is calculated as annual expenditures. HHwCTOT includes imputations for missing values.

The total household consumption HHwCTOT = sum of (HHwCFOOD1W *52, HHwCNF1M *12, HHwCNF1Y, HHwCOHC1M * 12, HHwCIHC1Y)

HHwCPERC is the per capita household consumption. This variable is calculated by taking total household consumption divided by the number of people in the household; that is,

$HHwCPERC = HHwCTOT / HwHHRES.$

HHwCFTOT and HHwCFPERC are flags indicating the highest level of imputation of the components of HHwCTOT and HHwCPERC, respectively. A code of 1 indicates the financial respondent reported continuous values for

all expenditures or provided total values and no imputation was necessary. A code of 3 indicates that the total was imputed using the sum of non-missing expenditures. A code of 7 indicates that the total was imputed without any information provided by the financial respondent. A code of 8 indicates that survey module soliciting the values was not answered for this respondent and ownership and the value were imputed simultaneously. A code of -2 indicates the value is missing and not imputed due to missing covariates. A code of -1 indicates the value is missing and not imputed due to missing neighbors.

For more information, please see the "How Constructed" section for each component of HHwCTOT.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

These measures are not available in RAND HRS.

LASI Variables Used

Wave 1 HH:

CO002A_I	IMP: Value of food consumed - cereals and cereal
CO002A_I_F	IMP Flag: Value of food consumed - cereals and c
CO002B_I	IMP: Value of food consumed - pulses and pulse p
CO002B_I_F	IMP Flag: Value of food consumed - pulses and pu
CO002C_I	IMP: Value of food consumed - edible oil, salt a
CO002C_I_F	IMP Flag: Value of food consumed - edible oil, s
CO002D_I	IMP: Value of food consumed - milk and milk prod
CO002D_I_F	IMP Flag: Value of food consumed - milk and milk
CO002E_I	IMP: Value of food consumed - fruit and vegetabl
CO002E_I_F	IMP Flag: Value of food consumed - fruit and veg
CO002F_I	IMP: Value of food consumed - eggs, chicken, mea
CO002F_I_F	IMP Flag: Value of food consumed - eggs, chicken
CO002G_I	IMP: Value of food consumed - non-alcoholic drin
CO002G_I_F	IMP Flag: Value of food consumed - non-alcoholic
CO002H_I	IMP: Value of food consumed - alcoholic drinks
CO002H_I_F	IMP Flag: Value of food consumed - alcoholic dri
CO002I_I	IMP: Value of food consumed - other
CO002I_I_F	IMP Flag: Value of food consumed - other
CO002J_I	IMP: Value of food consumed - food eaten outside
CO002J_I_F	IMP Flag: Value of food consumed - food eaten ou
CO101_I	IMP: HH expenses in last 30 days - communication
CO101_I_F	IMP Flag: HH expenses in last 30 days - communic
CO102_I	IMP: HH expenses in last 30 days - fuel and util
CO102_I_F	IMP Flag: HH expenses in last 30 days - fuel and
CO103_I	IMP: HH expenses in last 30 days - house rent
CO103_I_F	IMP Flag: HH expenses in last 30 days - house re
CO104_I	IMP: HH expenses in last 30 days - tobacco and t
CO104_I_F	IMP Flag: HH expenses in last 30 days - tobacco
CO105_I	IMP: HH expenses in last 30 days - personal toil
CO105_I_F	IMP Flag: HH expenses in last 30 days - personal
CO106_I	IMP: HH expenses in last 30 days - entertainment
CO106_I_F	IMP Flag: HH expenses in last 30 days - entertai
CO107_I	IMP: HH expenses in last 30 days - other
CO107_I_F	IMP Flag: HH expenses in last 30 days - other
CO108_I	IMP: Outpatient expenses - medication
CO108_I_F	IMP Flag: Outpatient expenses - medication
CO109_I	IMP: Outpatient expenses - tests
CO109_I_F	IMP Flag: Outpatient expenses - tests
CO110_I	IMP: Outpatient expenses - doctor's fees
CO110_I_F	IMP Flag: Outpatient expenses - doctor's fees
CO111_I	IMP: Outpatient expenses - other
CO111_I_F	IMP Flag: Outpatient expenses - other

CO202_I	IMP: Inpatient expenses - hospitalization and nu
CO202_I_F	IMP Flag: Inpatient expenses - hospitalization a
CO203_I	IMP: Inpatient expenses - tests
CO203_I_F	IMP Flag: Inpatient expenses - tests
CO204_I	IMP: Inpatient expenses - medication
CO204_I_F	IMP Flag: Inpatient expenses - medication
CO205_I	IMP: Inpatient expenses - doctor's fees
CO205_I_F	IMP Flag: Inpatient expenses - doctor's fees
CO206_I	IMP: Inpatient expenses - other
CO206_I_F	IMP Flag: Inpatient expenses - other
CO209_I	IMP: HH expenses in last 12 months - clothing, b
CO209_I_F	IMP Flag: HH expenses in last 12 months - clothi
CO210_I	IMP: HH expenses in last 12 months - education a
CO210_I_F	IMP Flag: HH expenses in last 12 months - educat
CO211_I	IMP: HH expenses in last 12 months - durables
CO211_I_F	IMP Flag: HH expenses in last 12 months - durabl
CO212_I	IMP: HH expenses in last 12 months - jewelry and
CO212_I_F	IMP Flag: HH expenses in last 12 months - jewelr
CO213_I	IMP: HH expenses in last 12 months - rituals, fe
CO213_I_F	IMP Flag: HH expenses in last 12 months - ritual
CO214_I	IMP: HH expenses in last 12 months - taxes and n
CO214_I_F	IMP Flag: HH expenses in last 12 months - taxes
CO215_I	IMP: HH expenses in last 12 months - loan repaym
CO215_I_F	IMP Flag: HH expenses in last 12 months - loan r
CO216_I	IMP: HH expenses in last 12 months - other
CO216_I_F	IMP Flag: HH expenses in last 12 months - other

Indicator of Poverty

Wave	Variable	Label	Type
1	HH1POVERTY	hh1poverty:w1 hhold at international poverty line	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1POVERTY	73406	0.17	0.37	0.00	1.00

Categorical Variable Codes

Value-----	HH1POVERTY
.m:Missing	2
0.Above international poverty line	61146
1.At/below international poverty line	12260

How Constructed

HHwPOVERTY indicates whether the household falls above or at/below the international poverty line as defined by the World Bank which is currently set at \$1.90 per person per day in 2011 purchasing power parity (PPP) dollars (Ferreira et al. 2016). The poverty line is conceptualized by the World Bank as how the world's poorest countries estimate a minimum threshold of living which meets basic needs in their societies. HHwPOVERTY is defined as:

whether (HHwCPERC / 365) * PPPadj <= 1.90

where PPPadj represents a PPP adjustment between the nominal Indian Rupees reported in the survey and 2011 PPP dollars. The PPP adjustment is determined by the year in which the respondent was interviewed.

The PPP conversion factors were provided by the World Bank as part of the World Development Indicators (WDI) dataset. See <https://databank.worldbank.org/reports.aspx?source=2&series=PA.NUS.PPP>

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in Wave 6, the RAND HRS includes poverty status variables, which compare the household income from the last calendar year to the U.S. Census poverty thresholds for the year prior to the interview wave. Unlike the RAND HRS, the Harmonized LASI compares the per capita household consumption to the World Bank's international poverty line.

LASI Variables Used

Wave 1 HH:

CO002A_I	IMP: Value of food consumed - cereals and cereal
CO002A_I_F	IMP Flag: Value of food consumed - cereals and c
CO002B_I	IMP: Value of food consumed - pulses and pulse p
CO002B_I_F	IMP Flag: Value of food consumed - pulses and pu
CO002C_I	IMP: Value of food consumed - edible oil, salt a
CO002C_I_F	IMP Flag: Value of food consumed - edible oil, s
CO002D_I	IMP: Value of food consumed - milk and milk prod
CO002D_I_F	IMP Flag: Value of food consumed - milk and milk
CO002E_I	IMP: Value of food consumed - fruit and vegetabl
CO002E_I_F	IMP Flag: Value of food consumed - fruit and veg

CO002F_I	IMP: Value of food consumed - eggs, chicken, mea
CO002F_I_F	IMP Flag: Value of food consumed - eggs, chicken
CO002G_I	IMP: Value of food consumed - non-alcoholic drin
CO002G_I_F	IMP Flag: Value of food consumed - non-alcoholic
CO002H_I	IMP: Value of food consumed - alcoholic drinks
CO002H_I_F	IMP Flag: Value of food consumed - alcoholic dri
CO002I_I	IMP: Value of food consumed - other
CO002I_I_F	IMP Flag: Value of food consumed - other
CO002J_I	IMP: Value of food consumed - food eaten outside
CO002J_I_F	IMP Flag: Value of food consumed - food eaten ou
CO101_I	IMP: HH expenses in last 30 days - communication
CO101_I_F	IMP Flag: HH expenses in last 30 days - communic
CO102_I	IMP: HH expenses in last 30 days - fuel and util
CO102_I_F	IMP Flag: HH expenses in last 30 days - fuel and
CO103_I	IMP: HH expenses in last 30 days - house rent
CO103_I_F	IMP Flag: HH expenses in last 30 days - house re
CO104_I	IMP: HH expenses in last 30 days - tobacco and t
CO104_I_F	IMP Flag: HH expenses in last 30 days - tobacco
CO105_I	IMP: HH expenses in last 30 days - personal toil
CO105_I_F	IMP Flag: HH expenses in last 30 days - personal
CO106_I	IMP: HH expenses in last 30 days - entertainment
CO106_I_F	IMP Flag: HH expenses in last 30 days - entertai
CO107_I	IMP: HH expenses in last 30 days - other
CO107_I_F	IMP Flag: HH expenses in last 30 days - other
CO108_I	IMP: Outpatient expenses - medication
CO108_I_F	IMP Flag: Outpatient expenses - medication
CO109_I	IMP: Outpatient expenses - tests
CO109_I_F	IMP Flag: Outpatient expenses - tests
CO110_I	IMP: Outpatient expenses - doctor's fees
CO110_I_F	IMP Flag: Outpatient expenses - doctor's fees
CO111_I	IMP: Outpatient expenses - other
CO111_I_F	IMP Flag: Outpatient expenses - other
CO202_I	IMP: Inpatient expenses - hospitalization and nu
CO202_I_F	IMP Flag: Inpatient expenses - hospitalization a
CO203_I	IMP: Inpatient expenses - tests
CO203_I_F	IMP Flag: Inpatient expenses - tests
CO204_I	IMP: Inpatient expenses - medication
CO204_I_F	IMP Flag: Inpatient expenses - medication
CO205_I	IMP: Inpatient expenses - doctor's fees
CO205_I_F	IMP Flag: Inpatient expenses - doctor's fees
CO206_I	IMP: Inpatient expenses - other
CO206_I_F	IMP Flag: Inpatient expenses - other
CO209_I	IMP: HH expenses in last 12 months - clothing, b
CO209_I_F	IMP Flag: HH expenses in last 12 months - clothi
CO210_I	IMP: HH expenses in last 12 months - education a
CO210_I_F	IMP Flag: HH expenses in last 12 months - educat
CO211_I	IMP: HH expenses in last 12 months - durables
CO211_I_F	IMP Flag: HH expenses in last 12 months - durabl
CO212_I	IMP: HH expenses in last 12 months - jewelry and
CO212_I_F	IMP Flag: HH expenses in last 12 months - jewelr
CO213_I	IMP: HH expenses in last 12 months - rituals, fe
CO213_I_F	IMP Flag: HH expenses in last 12 months - ritual
CO214_I	IMP: HH expenses in last 12 months - taxes and n
CO214_I_F	IMP Flag: HH expenses in last 12 months - taxes
CO215_I	IMP: HH expenses in last 12 months - loan repaym
CO215_I_F	IMP Flag: HH expenses in last 12 months - loan r
CO216_I	IMP: HH expenses in last 12 months - other
CO216_I_F	IMP Flag: HH expenses in last 12 months - other

Section G: Family Structure

Number of People Living in the Household

Wave	Variable	Label	Type
1	HH1HHRES	hhlhhres:w1 number of people living in this household	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1HHRES	73408	5.02	2.58	1.00	35.00

How Constructed

HHwHHRES counts the number of people living in the household, including the respondents. HHwHHRES uses information from both the Household Roster (Cover Screen) and from the individual LASI data files. As part of the Household Roster, the cover screen respondent is first asked the total number of persons who are members of the household, including all females and males, elderly people, children, and infants, as well as people who may presently be elsewhere for a short period of time (for example, in hospital, old age homes, relative’s home, etc.). The coverscreen respondent is next asked for information about each household member who lives in the household. HHwHHRES first takes the direct report of the total number of persons who are members of the household. If the coverscreen respondent listed more individual household members who live in the household than they first reported in the direct report of total number of persons or the coverscreen respondent did not provide a direct report of the total number of persons, HHwHHRES is based on the count of the individual household members. If the number of household respondents, as captured by HHwHHRESP, is larger than either the direct report of total number of persons or the count of the count of the names, HHwHHRES is based on the number of household respondents (HHwHHRESP). HHwHHRES is set to plain missing (.) for respondents who did not respond to the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Coverscreen:	
CV001	Total number of household members
CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head

CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head

Number of Living Children and Grandchildren

Wave	Variable	Label	Type
1	R1CHILD	rlchild:w1 r number of living children	Cont
1	S1CHILD	slchild:w1 s number of living children	Cont
1	R1GRCHILD	rlgrchild:w1 r number of living grandchildren	Cont
1	S1GRCHILD	slgrchild:w1 s number of living grandchildren	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1CHILD	72638	3.57	2.02	0.00	20.00
S1CHILD	49781	3.59	1.95	0.00	20.00
R1GRCHILD	72541	4.34	5.47	0.00	50.00
S1GRCHILD	49736	3.78	4.97	0.00	50.00

How Constructed

RwCHILD is the total number of living children of the respondent's living children. The respondent is first asked a direct question asking the number of living children. Then, for each child the respondent has (living or deceased), the respondent is asked if they are a member of their household or not co-residing in the household, and if not, they are asked if they are alive or deceased. RwCHILD takes the maximum of either the direct report of number of children or the count of children who are co-residing with the respondent or not co-residing but are living. As part of the coverscreen, the head of the household is also asked to identify any household members who are their children. If the respondent was also the head of the household and provided a number of living children that was lower than the number of household members identified as children in the coverscreen then RwCHILD takes the number of children living in the household as provided in the coverscreen. The number of children includes biological children, adopted children, and step-children. Don't know, refused, or other missing responses to RwCHILD are assigned special missing .d, .r, or .m, respectively. RwCHILD is set to plain missing (.) for respondents who did not respond to the current wave.

SwCHILD is the current wave's spouse's total number of living children. It is taken from the spouse's RwCHILD. In addition to the special missing codes used in RwCHILD, SwCHILD uses additional missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, then special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then special missing value of .v is used.

RwGRCHILD is the total number of the respondent's living grandchildren. The respondent is first asked a direct question asking whether the respondent has any grandchildren, and if so, the number of grandchildren. RwGRCHILD takes the value of 0 if the respondent reported having no grandchildren and the number of grandchildren reported through the direct question if they answered the direct question. As part of the coverscreen, the head of the household is also asked to identify any household members who are their grandchildren. If the respondent was also the head of the household and provided a number of grandchildren that was lower than the number of household members identified as grandchildren in the coverscreen then RwGRCHILD takes the number of grandchildren living in the household as provided in the coverscreen. If the respondent reports having no grandchildren, then RwGRCHILD is set to 0. Don't know, refused, or other missing responses to RwGRCHILD are assigned special missing .d, .r, or .m, respectively. RwGRCHILD is set to plain missing (.) for respondents who did not respond to the current wave.

SwGRCHILD is the current wave's spouse's total number of living grandchildren. It is taken from the spouse's RwGRCHILD. In addition to the special missing codes used in RwGRCHILD, SwGRCHILD uses additional

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

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The number of grandchildren from each child (KwGKIDS) is available in the RAND HRS Family data, and the number of total grandchildren is available in the Harmonized HRS (HwGRCHILD) at the couple-level. LASI provides the total number of grandchildren at the respondent-level (RwGRCHILD).

LASI Variables Used

Wave 1 Core:

FS201	Number of children alive
FS203A_1	Child alive or deceased
FS203A_10	Child alive or deceased
FS203A_11	Child alive or deceased
FS203A_12	Child alive or deceased
FS203A_13	Child alive or deceased
FS203A_14	Child alive or deceased
FS203A_15	Child alive or deceased
FS203A_16	Child alive or deceased
FS203A_17	Child alive or deceased
FS203A_18	Child alive or deceased
FS203A_19	Child alive or deceased
FS203A_2	Child alive or deceased
FS203A_3	Child alive or deceased
FS203A_4	Child alive or deceased
FS203A_5	Child alive or deceased
FS203A_6	Child alive or deceased
FS203A_7	Child alive or deceased
FS203A_8	Child alive or deceased
FS203A_9	Child alive or deceased
FS203_1	Determine if child is household member or not
FS203_10	Determine if child is household member or not
FS203_11	Determine if child is household member or not
FS203_12	Determine if child is household member or not
FS203_13	Determine if child is household member or not
FS203_14	Determine if child is household member or not
FS203_15	Determine if child is household member or not
FS203_16	Determine if child is household member or not
FS203_17	Determine if child is household member or not
FS203_18	Determine if child is household member or not
FS203_19	Determine if child is household member or not
FS203_2	Determine if child is household member or not
FS203_20	Determine if child is household member or not
FS203_21	Determine if child is household member or not
FS203_3	Determine if child is household member or not
FS203_4	Determine if child is household member or not
FS203_5	Determine if child is household member or not
FS203_6	Determine if child is household member or not
FS203_7	Determine if child is household member or not
FS203_8	Determine if child is household member or not
FS203_9	Determine if child is household member or not
FS213	Have grandchildren
FS214	Number of grandchildren

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
---------	-------------------------

CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head

Number of Deceased Children

Wave	Variable	Label	Type
1	R1DCHILD	rldchild:w1 r total number of deceased children	Cont
1	S1DCHILD	sldchild:w1 s total number of deceased children	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DCHILD	72639	0.49	1.00	0.00	13.00
S1DCHILD	49781	0.44	0.93	0.00	13.00

How Constructed

RwDCHILD is the total number of the respondent's deceased children. The respondent is first asked a direct question asking the number of deceased children. Then, for each child the respondent has (living or deceased), the respondent is asked if they are a member of their household or not co-residing in the household, and if not, they are asked if they are alive or deceased. RwDCHILD takes the maximum number of deceased children based either on the direct report or the sum of deceased children reported. The number of deceased children includes biological children, adopted children, and step-children. Don't know, refused, or other missing responses to RwDCHILD are assigned special missing .d, .r, or .m, respectively. RwDCHILD is set to plain missing (.) for respondents who did not respond to the current wave.

SwDCHILD is the current wave's spouse's total number of deceased children. It is taken from the spouse's RwDCHILD. In addition to the special missing codes used in RwDCHILD, SwDCHILD uses additional missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, then special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then special missing value of .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The number of deceased children is provided in the RAND HRS Family data, but not in the RAND HRS Longitudinal File or Harmonized HRS.

LASI Variables Used

Wave 1 Core:	
FS202	Number of children deceased
FS203A_1	Child alive or deceased
FS203A_10	Child alive or deceased
FS203A_11	Child alive or deceased
FS203A_12	Child alive or deceased
FS203A_13	Child alive or deceased
FS203A_14	Child alive or deceased
FS203A_15	Child alive or deceased
FS203A_16	Child alive or deceased
FS203A_17	Child alive or deceased
FS203A_18	Child alive or deceased
FS203A_19	Child alive or deceased
FS203A_2	Child alive or deceased
FS203A_3	Child alive or deceased
FS203A_4	Child alive or deceased

FS203A_5	Child alive or deceased
FS203A_6	Child alive or deceased
FS203A_7	Child alive or deceased
FS203A_8	Child alive or deceased
FS203A_9	Child alive or deceased
FS203_1	Determine if child is household member or not
FS203_10	Determine if child is household member or not
FS203_11	Determine if child is household member or not
FS203_12	Determine if child is household member or not
FS203_13	Determine if child is household member or not
FS203_14	Determine if child is household member or not
FS203_15	Determine if child is household member or not
FS203_16	Determine if child is household member or not
FS203_17	Determine if child is household member or not
FS203_18	Determine if child is household member or not
FS203_19	Determine if child is household member or not
FS203_2	Determine if child is household member or not
FS203_20	Determine if child is household member or not
FS203_21	Determine if child is household member or not
FS203_3	Determine if child is household member or not
FS203_4	Determine if child is household member or not
FS203_5	Determine if child is household member or not
FS203_6	Determine if child is household member or not
FS203_7	Determine if child is household member or not
FS203_8	Determine if child is household member or not
FS203_9	Determine if child is household member or not

Number of Living Siblings

Wave	Variable	Label	Type
1	R1LIVBRO	r1livbro:w1 r Number of living brothers	Cont
1	S1LIVBRO	s1livbro:w1 s Number of living brothers	Cont
1	R1LIVSIS	r1livsis:w1 r Number of living sisters	Cont
1	S1LIVSIS	s1livsis:w1 s Number of living sisters	Cont
1	R1LIVSIB	r1livsib:w1 r Number of living siblings	Cont
1	S1LIVSIB	s1livsib:w1 s Number of living siblings	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LIVBRO	72277	1.67	1.47	0.00	20.00
S1LIVBRO	49599	1.74	1.47	0.00	20.00
R1LIVSIS	72226	1.63	1.48	0.00	15.00
S1LIVSIS	49562	1.68	1.49	0.00	15.00
R1LIVSIB	72217	3.30	2.36	0.00	30.00
S1LIVSIB	49559	3.43	2.35	0.00	30.00

How Constructed

RwLIVBRO is the number of the respondent's living brothers. LASI asks the respondent separately about their older and younger brothers who are living. RwLIVBRO is the sum of living older and younger brothers that the respondent reports. If the respondent first reports being an only child, then RwLIVBRO is assigned a value of 0.

RwLIVSIS is the number of the respondent's living sisters. LASI asks the respondent separately about both their older and younger sisters who are living. RwLIVSIS is the sum of living older and younger sisters that the respondent reports. If the respondent first reports being an only child, then RwLIVSIS is assigned a value of 0.

RwLIVSIB is the number of the respondent's living siblings, that is the sum of RwLIVBRO and RwLIVSIS. RwLIVSIB is not calculated if one of the components is missing. RwLIVSIB is assigned a value of 0 if the respondent reports being an only child.

In wave 1, there was an error in the survey programming for the number of living older sisters for a small number of respondents, so these cases of RwLIVSIS are assigned special missing .m if the respondent was not an only child. Don't know, refused, or other missing responses to RwLIVBRO, RwLIVSIS, and RwLIVSIB are assigned special missing .d, .r, or .m, respectively. RwLIVBRO, RwLIVSIS and RwLIVSIB are set to plain missing (.) for respondents who did not respond to the current wave.

SwLIVBRO, SwLIVSIS, and SwLIVSIB are the respondent's spouse's number of living brothers, number of living sisters, and number of living siblings, respectively. In addition to the special missing values used by RwLIVBRO, RwLIVSIS, and RwLIVSIB, SwLIVBRO, SwLIVSIS, and SwLIVSIB employ two additional special missing values, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. If the respondent is not designated as coupled in the current wave but reports being married, then special missing value of .v is used.

Cross Wave Differences in LASI

In wave 1 there was an error in the survey programming for the number of living older sisters for a small number of respondents.

Differences with the RAND HRS/Harmonized HRS

LASI family respondents report the numbers of living siblings for themselves and for their spouses. Through Wave 5 of the HRS, the family respondent reports the number of living siblings for themselves and for their spouses, however starting in Wave 6, individual respondents report their number of living siblings.

LASI Variables Used

Wave 1 Core:	
FS319	Having siblings
FS321_1	Number of brothers
FS321_3	Number of brothers
FS322_1	Number of Sisters
FS322_3	Number of Sisters

Number of Deceased Siblings

Wave	Variable	Label	Type
1	R1DECBRO	rldecbro:w1 r Number of deceased brothers	Cont
1	S1DECBRO	sldecbro:w1 s Number of deceased brothers	Cont
1	R1DECSIS	rldecsis:w1 r Number of deceased sisters	Cont
1	S1DECSIS	sldecsis:w1 s Number of deceased sisters	Cont
1	R1DECSIB	rldecsib:w1 r Number of deceased siblings	Cont
1	S1DECSIB	sldecsib:w1 s Number of deceased siblings	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DECBRO	72272	0.53	0.96	0.00	12.00
S1DECBRO	49593	0.46	0.89	0.00	12.00
R1DECSIS	72220	0.39	0.84	0.00	11.00
S1DECSIS	49557	0.34	0.77	0.00	11.00
R1DECSIB	72211	0.92	1.48	0.00	20.00
S1DECSIB	49552	0.80	1.36	0.00	20.00

How Constructed

RwDECBRO is the number of the respondent's deceased brothers. LASI asks the respondent separately about their older and younger brothers who are deceased. RwDECBRO is the sum of deceased older and younger brothers that the respondent reports. If the respondent first reports that they are an only child, then RwDECBRO is assigned a value of 0.

RwDECSIS is the number of the respondent's deceased sisters. LASI asks the respondent separately about their older and younger sisters who are deceased. RwDECSIS is the sum of deceased older and younger sisters that the respondent reports. If the respondent first reports that they are an only child, then RwDECSIS is assigned a value of 0.

RwDECSIB is the number of the respondent's living siblings, that is the sum of RwDECBRO and RwDECSIS. RwDECSIB is not calculated if one of the components is missing. RwDECSIB is assigned a value of 0 if the respondent reports being an only child.

Don't know, refused, or other missing responses to RwDECBRO, RwDECSIS, and RwDECSIB are assigned special missing .d, .r, or .m, respectively. RwDECBRO, RwDECSIS and RwDECSIB are set to plain missing (.) for respondents who did not respond to the current wave.

SwDECBRO, SwDECSIS and SwDECSIB are the respondent's spouse's number of deceased brothers, number of deceased sisters, and number of deceased siblings, respectively. In addition to the special missing values used by RwDECBRO, RwDECSIS, and RwDECSIB, SwDECBRO, SwDECSIS, and SwDECSIB employ two additional special missing values, .u and .v. Special missing value .u is used when the respondent does not report being coupled in the current wave. If the respondent is not designated as coupled in the current wave but reports being married, then special missing value of .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Comparable variables are not provided in the RAND HRS or Harmonized HRS, however they could be created using HRS data.

LASI Variables Used

Wave 1 Core:	
FS319	Having siblings
FS321_2	Number of brothers
FS321_4	Number of brothers
FS322_2	Number of Sisters
FS322_4	Number of Sisters

Parental Mortality

Wave	Variable	Label	Type
1	R1MOMLIV	rlmomliv:w1 r mother alive	Categ
1	S1MOMLIV	slmomliv:w1 s mother alive	Categ
1	R1DADLIV	rldadliv:w1 r father alive	Categ
1	S1DADLIV	sldadliv:w1 s father alive	Categ
1	R1LIVPAR	rllivpar:w1 r # of living parents	Cont
1	S1LIVPAR	sllivpar:w1 s # of living parents	Cont
1	R1MOMAGE	rlmomage:w1 r mother age current/at death	Cont
1	S1MOMAGE	slmomage:w1 s mother age current/at death	Cont
1	R1DADAGE	rldadage:w1 r father age current/at death	Cont
1	S1DADAGE	sldadage:w1 s father age current/at death	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MOMLIV	71530	0.27	0.44	0.00	1.00
S1MOMLIV	49218	0.30	0.46	0.00	1.00
R1DADLIV	71967	0.13	0.33	0.00	1.00
S1DADLIV	49452	0.14	0.35	0.00	1.00
R1LIVPAR	71402	0.39	0.64	0.00	2.00
S1LIVPAR	49162	0.44	0.67	0.00	2.00
R1MOMAGE	69393	70.29	13.57	1.00	120.00
S1MOMAGE	48017	70.23	13.31	1.00	120.00
R1DADAGE	69304	71.39	14.02	2.00	120.00
S1DADAGE	47953	71.58	13.82	3.00	120.00

Categorical Variable Codes

Value-----	R1MOMLIV
.d:DK	822
.m:Missing	780
.r:Refuse	276
0.no	52516
1.yes	19014
Value-----	S1MOMLIV
.d:DK	388
.m:Missing	366
.r:Refuse	180

.u:Unmar		16594
.v:SP NR		6662
0.no		34606
1.yes		14612

Value-----		R1DADLIV
.d:DK		369
.m:Missing		795
.r:Refuse		277
0.no		62912
1.yes		9055

Value-----		S1DADLIV
.d:DK		141
.m:Missing		379
.r:Refuse		180
.u:Unmar		16594
.v:SP NR		6662
0.no		42313
1.yes		7139

How Constructed

Parental mortality questions are asked in the LASI Family and Social Networks module to each respondent for non-co-resident parents, and in the Coverscreen module by the head of household for co-resident, living parents. These variables prioritize information reported in the Family and Social Networks module over information reported in the Coverscreen module.

RwMOMLIV and RwDADLIV indicate whether the respondent's mother and father are still alive. If the respondent's parent is alive, then RwMOMLIV or RwDADLIV are set to 1. If the respondent's parent is deceased, then RwMOMLIV or RwDADLIV are set to 0. Don't know, refused, or other missings values for RwMOMLIV and RwDADLIV are assigned special missing codes .d, .r, or .m, respectively. RwMOMLIV and RwDADLIV are set to plain missing (.) for respondents who did not respond to the current wave.

SwMOMLIV and SwDADLIV indicate whether the respondent's spouse's mother and father are still alive, and their values are taken from RwMOMLIV and RwDADLIV. In addition to the special missing codes used in RwMOMLIV and RwDADLIV, SwMOMLIV and SwDADLIV use two additional special missing codes. 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.

RwLIVPAR counts the number of living parents of the respondent. RwLIVPAR is derived by summing the RwMOMLIV and RwDADLIV variables. If either RwMOMLIV or RwDADLIV is missing, then RwLIVPAR is missing. Don't know, refused, or other missings values of RwLIVPAR are assigned special missing codes .d, .r, or .m, respectively. RwLIVPAR is set to plain missing (.) for respondents who did not respond to the current wave.

SwLIVPAR counts the number of living parents of the respondent's spouse, and its values are taken from RwLIVPAR. In addition to the special missing codes used in RwLIVPAR, SwLIVPAR uses two additional special missing codes. 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.

RwMOMAGE and RwDADAGE indicate the current age, if living, or age at death, if deceased, of the respondent's mother and father, respectively. Don't know, refused, or other missing values for RwMOMAGE and RwDADAGE are assigned special missing codes .d, .r, or .m, respectively. Special missing code .i is assigned to RwMOMAGE and RwDADAGE if the age is younger than 1. RwMOMAGE and RwDADAGE are set to plain missing (.) for respondents who did not respond to the current wave.

SwMOMAGE and SwDADAGE indicate the current age, if living, or age at death, if deceased, of the respondent's spouse's mother and father, respectively, and their values are taken from RwMOMAGE and RwDADAGE. In addition to the special missing codes used in RwMOMAGE and RwDADAGE, SwMOMAGE and SwDADAGE use two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Core:

FS301	Father_HH Member
FS302	Is your father alive
FS303	Age_father
FS304	Age of your father when he died
FS310	Mother_HH Member
FS311	Is your mother alive
FS312	Age_mother
FS313	Age of your mother when she died

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head
CV005_1	Sex of 1st household member
CV005_10	Sex of 10th household member
CV005_11	Sex of 11th household member
CV005_12	Sex of 12th household member
CV005_13	Sex of 13th household member
CV005_14	Sex of 14th household member

CV005_15	Sex of 15th household member
CV005_16	Sex of 16th household member
CV005_17	Sex of 17th household member
CV005_18	Sex of 18th household member
CV005_19	Sex of 19th household member
CV005_2	Sex of 2nd household member
CV005_20	Sex of 20th household member
CV005_21	Sex of 21st household member
CV005_22	Sex of 22nd household member
CV005_23	Sex of 23rd household member
CV005_24	Sex of 24th household member
CV005_25	Sex of 25th household member
CV005_26	Sex of 26th household member
CV005_27	Sex of 27th household member
CV005_28	Sex of 28th household member
CV005_29	Sex of 29th household member
CV005_3	Sex of 3rd household member
CV005_30	Sex of 30th household member
CV005_31	Sex of 31st household member
CV005_32	Sex of 32nd household member
CV005_33	Sex of 33rd household member
CV005_34	Sex of 34th household member
CV005_35	Sex of 35th household member
CV005_4	Sex of 4th household member
CV005_5	Sex of 5th household member
CV005_6	Sex of 6th household member
CV005_7	Sex of 7th household member
CV005_8	Sex of 8th household member
CV005_9	Sex of 9th household member
CV006_1	Age of 1st household member
CV006_10	Age of 10th household member
CV006_11	Age of 11th household member
CV006_12	Age of 12th household member
CV006_13	Age of 13th household member
CV006_14	Age of 14th household member
CV006_15	Age of 15th household member
CV006_16	Age of 16th household member
CV006_17	Age of 17th household member
CV006_18	Age of 18th household member
CV006_19	Age of 19th household member
CV006_2	Age of 2nd household member
CV006_20	Age of 20th household member
CV006_21	Age of 21st household member
CV006_22	Age of 22nd household member
CV006_23	Age of 23rd household member
CV006_24	Age of 24th household member
CV006_25	Age of 25th household member
CV006_26	Age of 26th household member
CV006_27	Age of 27th household member
CV006_28	Age of 28th household member
CV006_29	Age of 29th household member
CV006_3	Age of 3rd household member
CV006_30	Age of 30th household member
CV006_31	Age of 31st household member
CV006_32	Age of 32nd household member
CV006_33	Age of 33rd household member
CV006_34	Age of 34th household member
CV006_35	Age of 35th household member
CV006_4	Age of 4th household member
CV006_5	Age of 5th household member
CV006_6	Age of 6th household member
CV006_7	Age of 7th household member
CV006_8	Age of 8th household member

CV006_9 Age of 9th household member

Parental SES: Education

Wave	Variable	Label	Type
1	RAMEDUC_L	rameduc_l:r mother's education	Categ
1	S1MEDUC_L	slmeduc_l:w1 s mother's education	Categ
1	RAFEDUC_L	rafeduc_l:r father's education	Categ
1	S1FEDUC_L	slfeduc_l:w1 s father's education	Categ
1	RAMOMEDUCL	ramomeducl:r mother harmonized education level	Categ
1	S1MOMEDUCL	slmomeducl:w1 s mother harmonized education level	Categ
1	RADADEDUCL	radadeducl:r father harmonized education level	Categ
1	S1DADEDUCL	sldadeducl:w1 s father harmonized education level	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RAMEDUC_L	70688	0.24	0.79	0.00	9.00
S1MEDUC_L	48722	0.25	0.81	0.00	9.00
RAFEDUC_L	70386	0.72	1.46	0.00	9.00
S1FEDUC_L	48515	0.75	1.48	0.00	9.00
RAMOMEDUCL	70688	1.03	0.19	1.00	3.00
S1MOMEDUCL	48722	1.03	0.19	1.00	3.00
RADADEDUCL	70386	1.12	0.37	1.00	3.00
S1DADEDUCL	48515	1.13	0.38	1.00	3.00

Categorical Variable Codes

Value-----	RAMEDUC_L
.d:DK	832
.m:Missing	1882
.r:Refuse	6
0:never attended school	62505
1.less than primary school(standard 1-4)	3301
2.primary school(standard 5-7)	2798
3.middle school(standard 8-9)	993
4.secondary school(standard 10-11)	741
5.higher secondary(standard 12)	185
6.diploma and certificate	21
7.graduate degree (ba,bs)	109
8.post-graduate degree (ma,ms,phd)	21
9.professional course/degree (mbbs,md,mba)	14
Value-----	S1MEDUC_L
.d:DK	481
.m:Missing	945
.r:Refuse	4
.u:Unmar	16594

.v:SP NR	6662
0:never attended school	42912
1.less than primary school(standard 1-4)	2324
2.primary school(standard 5-7)	2009
3.middle school(standard 8-9)	718
4.secondary school(standard 10-11)	513
5.higher secondary(standard 12)	124
6.diploma and certificate	12
7.graduate degree (ba,bs)	81
8.post-graduate degree (ma,ms,phd)	17
9.professional course/degree (mbbs,md,mba)	12

Value-----	RAFEDUC_L
.d:DK	1585
.m:Missing	1427
.r:Refuse	10
0:never attended school	50587
1.less than primary school(standard 1-4)	6054
2.primary school(standard 5-7)	5983
3.middle school(standard 8-9)	2583
4.secondary school(standard 10-11)	3206
5.higher secondary(standard 12)	921
6.diploma and certificate	69
7.graduate degree (ba,bs)	643
8.post-graduate degree (ma,ms,phd)	166
9.professional course/degree (mbbs,md,mba)	174

Value-----	S1FEDUC_L
.d:DK	935
.m:Missing	693
.r:Refuse	9
.u:Unmar	16594
.v:SP NR	6662
0:never attended school	34305
1.less than primary school(standard 1-4)	4368
2.primary school(standard 5-7)	4238
3.middle school(standard 8-9)	1879
4.secondary school(standard 10-11)	2309
5.higher secondary(standard 12)	676
6.diploma and certificate	52
7.graduate degree (ba,bs)	447
8.post-graduate degree (ma,ms,phd)	122
9.professional course/degree (mbbs,md,mba)	119

Value-----	RAMOMEDUCL
.d:DK	832
.m:Missing	1882
.r:Refuse	6
1.less than lower secondary	68604
2.upper secondary & vocational training	1940
3.tertiary	144

Value-----	S1MOMEDUCL
.d:DK	481
.m:Missing	945
.r:Refuse	4
.u:Unmar	16594
.v:SP NR	6662
1.less than lower secondary	47245
2.upper secondary & vocational training	1367
3.tertiary	110

Value-----	RADADEDUCL
.d:DK	1585
.m:Missing	1427
.r:Refuse	10
1.less than lower secondary	62624
2.upper secondary & vocational training	6779
3.tertiary	983

Value-----	S1DADEDUCL
------------	------------

.d:DK		935
.m:Missing		693
.r:Refuse		9
.u:Unmar		16594
.v:SP NR		6662
1.less than lower secondary		42911
2.upper secondary & vocational training		4916
3.tertiary		688

How Constructed

Parental education questions are asked in the LASI Family and Social Networks module to each respondent for non-co-resident parents, and in the Coverscreen module by the household respondent for co-resident parents. These variables prioritize information reported in the Family and Social Networks module over information reported in the Coverscreen module.

RAMEDUC_L is the highest level of education that the respondent's mother completed. RAFEDUC_L is the highest level of education that the respondent's father completed. RAMEDUC_L and RAFEDUC_L are coded as follows: 0. Never attended school, 1.Less than primary school (standard 1-4), 2.Primary school completed (standard 5-7), 3.Middle school completed (standard 8-9), 4.Secondary school/matriculation completed (standard 10-11), 5.Higher secondary/intermediate/senior secondary completed (standard 12), 6.Diploma and certificate holders, 7.Graduate degree (B.A., B.SC., B.Com.) completed, 8.Post-graduate degree (M.A., M.Sc., M.Com.) or above (M.Phil, Ph.D., Post-Doc) completed, 9.Professional course/degree (B.Ed, BE, B.Tech, MBBS, BHMS, BAMS, B.Pharm, BCS, BCA, BBA, LLB, BVSc., B.Arch, M.Ed, ME, M.Tech, MD, M.Pharm, MCS, MCA, MBA, LLM, MVSc., M.Arch, MS, MS, CA, CS, CWA) completed. Responses of don't know, refused, or missing for some other reason are coded as .d, .r, or .m, respectively. RAMEDUC_L and RAFEDUC_L are coded as blank missing (.) when respondents did not respond to any wave.

SwMEDUC_L and SwFEDUC_L indicate the highest completed level of education of the respondent's spouse's mother and father, respectively, and their values are taken from RAMEDUC_L and RAFEDUC_L. In addition to the codes used in RAMEDUC_L and RAFEDUC_L, SwMEDUC_L and SwFEDUC_L use two additional special missing codes. 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.

RAMOMEDUCL and RADADEDUCL indicate the education level completed by the respondent's mother and father, respectively, 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". RAMOMEDUCL and RADADEDUCL are coded as follows: 1.Less than lower secondary education, 2.Upper secondary & vocational training, and 3.Tertiary education. Respondents are assigned a code of 1 if they completed no education, or reported "Less than primary school" or "Primary school completed" as their highest level of education. Respondents are assigned a code of 2 if they reported their highest education level as "Middle school completed", "Secondary school/matriculation completed", "Higher secondary/Intermediate/Senior secondary completed" or "Diploma and certificate holders". Respondents are assigned a code of 3 if they reported their highest education level as "Graduate degree completed", "Post-graduate degree or above completed", or "Professional course/degree completed". Don't know, refused, or other missing responses are coded as special missing .d, .r, or .m, respectively.

SwMOMEDUCL and SwDADEDUCL indicate the respondent's spouse's mother's and father's category of education. They are taken from the spouse's value to RAMOMEDUCL and RADADEDUCL. In addition to the special missing codes used in RAMOMEDUCL and RADADEDUCL, SwMOMEDUCL and SwDADEDUCL 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS asks questions about the parents' level of education in Waves 1, 4, and thereafter. As such, RAMEDUC and RAFEDUC in the RAND HRS and RAMOMEDUCL and RADADEDUCL in the Harmonized HRS are available for Waves 1, 4, and thereafter.

RAMEDUC and RAFEDUC in the RAND HRS indicate the respondent's mother's and father's years of education, respectively. RAMEDUC_L and RAFEDUC_L in the Harmonized LASI indicate the respondent's mother's and father's highest level of education, and therefore use different categories and include the "_L" in the variable names.

LASI Variables Used

Wave 1 Core:

FS306	Father_attended school
FS308	Highest education completed_father
FS315	Mother_attended school
FS317	Highest education completed_mother

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head
CV005_1	Sex of 1st household member
CV005_10	Sex of 10th household member
CV005_11	Sex of 11th household member
CV005_12	Sex of 12th household member
CV005_13	Sex of 13th household member
CV005_14	Sex of 14th household member
CV005_15	Sex of 15th household member
CV005_16	Sex of 16th household member

CV005_17	Sex of 17th household member
CV005_18	Sex of 18th household member
CV005_19	Sex of 19th household member
CV005_2	Sex of 2nd household member
CV005_20	Sex of 20th household member
CV005_21	Sex of 21st household member
CV005_22	Sex of 22nd household member
CV005_23	Sex of 23rd household member
CV005_24	Sex of 24th household member
CV005_25	Sex of 25th household member
CV005_26	Sex of 26th household member
CV005_27	Sex of 27th household member
CV005_28	Sex of 28th household member
CV005_29	Sex of 29th household member
CV005_3	Sex of 3rd household member
CV005_30	Sex of 30th household member
CV005_31	Sex of 31st household member
CV005_32	Sex of 32nd household member
CV005_33	Sex of 33rd household member
CV005_34	Sex of 34th household member
CV005_35	Sex of 35th household member
CV005_4	Sex of 4th household member
CV005_5	Sex of 5th household member
CV005_6	Sex of 6th household member
CV005_7	Sex of 7th household member
CV005_8	Sex of 8th household member
CV005_9	Sex of 9th household member
CV008_1	Whether attended school or not - 1st household
CV008_10	Whether attended school or not - 10th household
CV008_11	Whether attended school or not - 11th household
CV008_12	Whether attended school or not - 12th household
CV008_13	Whether attended school or not - 13th household
CV008_14	Whether attended school or not - 14th household
CV008_15	Whether attended school or not - 15th household
CV008_16	Whether attended school or not - 16th household
CV008_17	Whether attended school or not - 17th household
CV008_18	Whether attended school or not - 18th household
CV008_19	Whether attended school or not - 19th household
CV008_2	Whether attended school or not - 2nd household
CV008_20	Whether attended school or not - 20th household
CV008_21	Whether attended school or not - 21st household
CV008_22	Whether attended school or not - 22nd household
CV008_23	Whether attended school or not - 23rd household
CV008_24	Whether attended school or not - 24th household
CV008_25	Whether attended school or not - 25th household
CV008_26	Whether attended school or not - 26th household
CV008_27	Whether attended school or not - 27th household
CV008_28	Whether attended school or not - 28th household
CV008_29	Whether attended school or not - 29th household
CV008_3	Whether attended school or not - 3rd household
CV008_30	Whether attended school or not - 30th household
CV008_31	Whether attended school or not - 31st household
CV008_32	Whether attended school or not - 32nd household
CV008_33	Whether attended school or not - 33rd household
CV008_34	Whether attended school or not - 34th household
CV008_35	Whether attended school or not - 35th household
CV008_4	Whether attended school or not - 4th household
CV008_5	Whether attended school or not - 5th household
CV008_6	Whether attended school or not - 6th household
CV008_7	Whether attended school or not - 7th household
CV008_8	Whether attended school or not - 8th household
CV008_9	Whether attended school or not - 9th household
CV010_1	Highest level of education - 1st household memb

CV010_10	Highest level of education - 10th	household mem
CV010_11	Highest level of education - 11th	household mem
CV010_12	Highest level of education - 12th	household mem
CV010_13	Highest level of education - 13th	household mem
CV010_14	Highest level of education - 14th	household mem
CV010_15	Highest level of education - 15th	household mem
CV010_16	Highest level of education - 16th	household mem
CV010_17	Highest level of education - 17th	household mem
CV010_18	Highest level of education - 18th	household mem
CV010_19	Highest level of education - 19th	household mem
CV010_2	Highest level of education - 2nd	household memb
CV010_20	Highest level of education - 20th	household mem
CV010_21	Highest level of education - 21st	household mem
CV010_22	Highest level of education - 22nd	household mem
CV010_23	Highest level of education - 23rd	household mem
CV010_24	Highest level of education - 24th	household mem
CV010_25	Highest level of education - 25th	household mem
CV010_26	Highest level of education - 26th	household mem
CV010_27	Highest level of education - 27th	household mem
CV010_28	Highest level of education - 28th	household mem
CV010_29	Highest level of education - 29th	household mem
CV010_3	Highest level of education - 3rd	household memb
CV010_30	Highest level of education - 30th	household mem
CV010_31	Highest level of education - 31st	household mem
CV010_32	Highest level of education - 32nd	household mem
CV010_33	Highest level of education - 33rd	household mem
CV010_34	Highest level of education - 34th	household mem
CV010_35	Highest level of education - 35th	household mem
CV010_4	Highest level of education - 4th	household memb
CV010_5	Highest level of education - 5th	household memb
CV010_6	Highest level of education - 6th	household memb
CV010_7	Highest level of education - 7th	household memb
CV010_8	Highest level of education - 8th	household memb
CV010_9	Highest level of education - 9th	household memb

Living Arrangement

Wave	Variable	Label	Type
1	R1LVWITH	r1lvwith:w1 r living arrangement	Categ
1	S1LVWITH	s1lvwith:w1 s living arrangement	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LVWITH	72639	3.89	1.03	1.00	5.00
S1LVWITH	49472	3.99	0.88	2.00	5.00

Categorical Variable Codes

Value-----	R1LVWITH
.d:DK	7
.m:Missing	756
.r:Refuse	6
1.Lives alone	2309
2.Lives with spouse only	6877
3.Lives with children only	8439
4.Lives with spouse/children	33668
5.Lives with other hh members	21346

Value-----	S1LVWITH
.d:DK	5
.m:Missing	670
.r:Refuse	5
.u:Unmar	16594
.v:SP NR	6662
2.Lives with spouse only	6358
3.Lives with children only	222
4.Lives with spouse/children	30235
5.Lives with other hh members	12657

How Constructed

RwLVWITH indicates the best estimate of the respondent's household living arrangement. RwLVWITH is based on a combination of information reported both by the respondent about who they co-reside with and by the Coverscreen respondent about everyone who lives in the house. Because RwLVWITH uses information from two different sources which are not always in agreement with each other (e.g. there are cases where the respondent reported having more children and spouses living with them than the Coverscreen respondent reported living in the total house), RwLVWITH is considered a best estimate. The Coverscreen respondent provides information on each individual living in the house, including their relationship to the head of household, as well as a report of the total number of people living in the household. In the Demographics module, the respondent is asked to identify their spouse(s) living in the household. In the Family and Social Networks module, the respondent is asked to identify their children living in the household. For those respondents who reported a smaller number of spouses and children living with them than the Coverscreen respondent reported living in the household, the respondent is deemed to be living with 'other' people. Any information reported by individual respondents in the Demographic or Family and Social Networks modules takes precedence over the information provided in the Coverscreen if the two information sources disagree. If the respondent lives alone, RwLVWITH is coded as 1. If the respondent lives with one or more spouses only, RwLVWITH is coded as 2. If the respondent lives with children only, RwLVWITH is coded as 3. If the respondent lives with a spouse or spouses and children but no one else, RwLVWITH is coded as 4. If the respondent lives with any combination of a spouse, children and others, RwLVWITH is coded as 5. Don't know, refused, or other missing responses are assigned special missing value .d, .r, or .m, respectively. RwLVWITH is set to plain missing (.) for respondents who did not respond to this wave.

SwLVWITH is the current wave's spouse's household living arrangement. It is taken from the spouse's RwlVWITH. In addition to special missing codes used in RwlVWITH, SwLVWITH uses additional missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, then special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then special missing value of .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HwLVWITH in the Harmonized HRS indicates the living arrangements at the couple-level, while RwlVWITH in the Harmonized LASI indicates the living arrangements at the respondent-level.

LASI Variables Used

Wave 1 Core:

DM025_1	Spouse living with you or staying elsewhere
DM025_2	Spouse living with you or staying elsewhere
DM025_3	Spouse living with you or staying elsewhere
DM025_4	Spouse living with you or staying elsewhere
DM025_5	Spouse living with you or staying elsewhere
DM025_6	Spouse living with you or staying elsewhere
FS203_1	Determine if child is household member or not
FS203_10	Determine if child is household member or not
FS203_11	Determine if child is household member or not
FS203_12	Determine if child is household member or not
FS203_13	Determine if child is household member or not
FS203_14	Determine if child is household member or not
FS203_15	Determine if child is household member or not
FS203_16	Determine if child is household member or not
FS203_17	Determine if child is household member or not
FS203_18	Determine if child is household member or not
FS203_19	Determine if child is household member or not
FS203_2	Determine if child is household member or not
FS203_20	Determine if child is household member or not
FS203_21	Determine if child is household member or not
FS203_3	Determine if child is household member or not
FS203_4	Determine if child is household member or not
FS203_5	Determine if child is household member or not
FS203_6	Determine if child is household member or not
FS203_7	Determine if child is household member or not
FS203_8	Determine if child is household member or not
FS203_9	Determine if child is household member or not

Wave 1 Coverscreen:

CV001	Total number of household members
CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head

CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head

Whether Any Child Co-Resides with Respondent

Wave	Variable	Label	Type
1	R1CORESD	rlcoresd:wl r any child co-resides with r	Categ
1	S1CORESD	slcoresd:wl s any child co-resides with s	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1CORESD	70527	0.80	0.40	0.00	1.00
S1CORESD	49073	0.81	0.40	0.00	1.00

Categorical Variable Codes

Value-----	R1CORESD
.d:DK	1
.k:no kids	2451
.m:Missing	425
.r:Refuse	4
0.no	13992
1.yes	56535

Value-----	S1CORESD
.d:DK	1
.k:no kids	882
.m:Missing	193
.r:Refuse	3
.u:Unmar	16594
.v:SP NR	6662
0.no	9518
1.yes	39555

How Constructed

RwCORESD indicates whether any child is co-residing with the respondent. In the Coverscreen, every current member of the household is reported and the relationship is described in relation to the household head. In the Family and Social Networks module, if the respondent reports having any children (alive or deceased), the respondent is asked to name each of their children and to report whether they are living in the household or not co-residing in the household. RwCORESD is coded as 1 if the respondent reported that any child co-resides with the respondent either because the respondent was the household head and reported a child in the house in the Coverscreen, or because the respondent reported a co-residing child in the Family and Social Networks module. RwCORESD is coded as 0 if the respondent reported that no children co-reside with the respondent either because the respondent was the household head but no children were reported living in the household, or because the respondent reported no co-residing children in the household. Special missing code .k is assigned if the respondent reports not having any living children. Don't know, refused, or other missing responses are assigned special missing value .d, .r, or .m, respectively. RwCORESD is set to plain missing (.) for respondents who did not respond to this wave.

SwCORESD indicates whether any child of the current wave's spouse co-resides with the spouse. It is taken from the spouse's RwCORESD. In addition to the special missing codes used in RwCORESD, SwCORESD uses additional missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, then special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then special missing value of .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

This variable is not available in the RAND HRS or Harmonized HRS, but the RAND HRS Family data contains HwRESDKN indicating the number of children who reside with the respondent and spouse.

LASI Variables Used

Wave 1 Core:

FS201	Number of children alive
FS203_1	Determine if child is household member or not
FS203_10	Determine if child is household member or not
FS203_11	Determine if child is household member or not
FS203_12	Determine if child is household member or not
FS203_13	Determine if child is household member or not
FS203_14	Determine if child is household member or not
FS203_15	Determine if child is household member or not
FS203_16	Determine if child is household member or not
FS203_17	Determine if child is household member or not
FS203_18	Determine if child is household member or not
FS203_19	Determine if child is household member or not
FS203_2	Determine if child is household member or not
FS203_20	Determine if child is household member or not
FS203_21	Determine if child is household member or not
FS203_3	Determine if child is household member or not
FS203_4	Determine if child is household member or not
FS203_5	Determine if child is household member or not
FS203_6	Determine if child is household member or not
FS203_7	Determine if child is household member or not
FS203_8	Determine if child is household member or not
FS203_9	Determine if child is household member or not

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head

CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head

Whether a Child Lives Nearby

Wave	Variable	Label	Type
1	R1LVNEAR	r1lvnear:w1 r any child lives nearby	Categ
1	S1LVNEAR	s1lvnear:w1 s any child lives nearby	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LVNEAR	70527	0.92	0.27	0.00	1.00
S1LVNEAR	49073	0.92	0.27	0.00	1.00

Categorical Variable Codes

Value-----	R1LVNEAR
.d:DK	1
.k:no kids	2451
.m:Missing	425
.r:Refuse	4
0.no	5485
1.yes	65042

Value-----	S1LVNEAR
.d:DK	1
.k:no kids	882
.m:Missing	193
.r:Refuse	3
.u:Unmar	16594
.v:SP NR	6662
0.no	3755
1.yes	45318

How Constructed

RwLVNEAR indicates whether the respondent has a child who lives in the same village or city as the respondent. In the Family and Social Networks module, the respondent reports whether each child is co-residing or not co-residing with the respondent, and if not co-residing, whether they live within the village/city, inside the state, outside the state, or outside the country. RwLVNEAR is coded as 1 if any child co-resides or if any non-co-residing child lives in the same village or city as the respondent. RwLVNEAR is coded as 0 if they have living children, but none of their children co-reside or live in the same village or city as the respondent, but rather live within the state, outside the state, or outside the country. Special missing .k is assigned if the respondent does not have any living children. Don't know, refused, or other missing responses are assigned special missing value .d, .r, or .m, respectively. Responses are set to plain missing (.) if the respondent did not participate in the current wave.

SwLVNEAR indicates whether any child of the current wave's spouse co-resides with the spouse. It is taken from the spouse's RwLVNEAR. In addition to the special missing codes used in RwLVNEAR, SwLVNEAR uses additional missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, then special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then special missing value of .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

This variable is not available in the RAND HRS or Harmonized HRS, but the RAND HRS Family data contains HwLV10MIKN indicating the number of children living within 10 miles of the respondent and spouse and HwLVNEAR indicating how near the closest child lives to the respondent and spouse.

LASI Variables Used

Wave 1 Core:

FS201	Number of children alive
FS203_1	Determine if child is household member or not
FS203_10	Determine if child is household member or not
FS203_11	Determine if child is household member or not
FS203_12	Determine if child is household member or not
FS203_13	Determine if child is household member or not
FS203_14	Determine if child is household member or not
FS203_15	Determine if child is household member or not
FS203_16	Determine if child is household member or not
FS203_17	Determine if child is household member or not
FS203_18	Determine if child is household member or not
FS203_19	Determine if child is household member or not
FS203_2	Determine if child is household member or not
FS203_20	Determine if child is household member or not
FS203_21	Determine if child is household member or not
FS203_3	Determine if child is household member or not
FS203_4	Determine if child is household member or not
FS203_5	Determine if child is household member or not
FS203_6	Determine if child is household member or not
FS203_7	Determine if child is household member or not
FS203_8	Determine if child is household member or not
FS203_9	Determine if child is household member or not
FS210_1	Place of residence_child
FS210_10	Place of residence_child
FS210_11	Place of residence_child
FS210_12	Place of residence_child
FS210_13	Place of residence_child
FS210_14	Place of residence_child
FS210_15	Place of residence_child
FS210_16	Place of residence_child
FS210_17	Place of residence_child
FS210_18	Place of residence_child
FS210_19	Place of residence_child
FS210_2	Place of residence_child
FS210_3	Place of residence_child
FS210_4	Place of residence_child
FS210_5	Place of residence_child
FS210_6	Place of residence_child
FS210_7	Place of residence_child
FS210_8	Place of residence_child
FS210_9	Place of residence_child

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head

CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head

Financial Transfers Received

Wave	Variable	Label	Type
1	R1FCANY	rlfcany:wl r any transfers from children/grandchildren	Categ
1	S1FCANY	slfcany:wl s any transfers from children/grandchildren	Categ
1	R1FPANY	rlfpany:wl r any transfers from parents	Categ
1	S1FPANY	slfpany:wl s any transfers from parents	Categ
1	R1FOANY	rlfoany:wl r any transfers from others	Categ
1	S1FOANY	slfoany:wl s any transfers from others	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1FCANY	72265	0.08	0.27	0.00	1.00
S1FCANY	49562	0.07	0.25	0.00	1.00
R1FPANY	72265	0.01	0.07	0.00	1.00
S1FPANY	49562	0.01	0.08	0.00	1.00
R1FOANY	72265	0.03	0.18	0.00	1.00
S1FOANY	49562	0.03	0.18	0.00	1.00

Categorical Variable Codes

Value-----	R1FCANY
.d:DK	52
.m:Missing	1057
.r:Refuse	34
0.no	66363
1.yes	5902
Value-----	S1FCANY
.d:DK	27
.m:Missing	540
.r:Refuse	23
.u:Unmar	16594
.v:SP NR	6662
0.no	46103
1.yes	3459
Value-----	R1FPANY
.d:DK	52
.m:Missing	1057
.r:Refuse	34
0.no	71886
1.yes	379
Value-----	S1FPANY
.d:DK	27
.m:Missing	540
.r:Refuse	23
.u:Unmar	16594
.v:SP NR	6662

0.no		49269
1.yes		293
Value-----		R1FOANY
.d:DK		52
.m:Missing		1057
.r:Refuse		34
0.no		69823
1.yes		2442
Value-----		S1FOANY
.d:DK		27
.m:Missing		540
.r:Refuse		23
.u:Unmar		16594
.v:SP NR		6662
0.no		47892
1.yes		1670

How Constructed

RwFCANY indicates whether the respondent received any financial (monetary) support from their children, children-in-law, or grandchildren in the past year. A code of 0 indicates that the respondent did not receive any financial support from children or grandchildren. A code of 1 indicates that the respondent received some economic support from children or grandchildren. Don't know, refused, or other missing responses to RwFCANY are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the respondent did not participate in the current wave.

RwFPANY indicates whether the respondent received any financial (monetary) support from their parents or parents-in-law in the past year. A code of 0 indicates that the respondent did not receive any financial support from their parents. A code of 1 indicates that the respondent received some economic support from their parents. Don't know, refused, or other missing responses to RwFPANY are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the respondent did not participate in the current wave.

RwFOANY indicates whether the respondent received any financial (monetary) support from other people in the past year. This category includes siblings, grandparents, other relatives, friends, and others. A code of 0 indicates that the respondent did not receive any financial support from other people. A code of 1 indicates that the respondent received some economic support from other people. Don't know, refused, or other missing responses to RwFOANY are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the respondent did not participate in the current wave.

Providing financial support in LASI means giving money, helping to pay bills, or covering specific types of costs, such as medical care or insurance, schooling, marriages in family, religious events, down payments for buying a home, and rent, that exceed 1,000 Rupees annually. Shared costs for housing and food are excluded.

SwFCANY, SwFPANY, and SwFOANY indicate whether the current wave's spouse received any financial support from their children, parents, or other people, respectively. Their values are taken directly from the spouse's values for RwFCANY, RwFPANY, and RwFOANY, respectively. In addition to special missing codes used in RwFCANY, RwFPANY, and RwFOANY, SwFCANY, SwFPANY, and SwFOANY use additional missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, then special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then special missing value of .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

These variables are not available in the RAND HRS or Harmonized HRS, but are available in the RAND HRS Family data.

LASI Variables Used

Wave 1 Core:

FS401	Financial support received
FS402S10	Person from whom financial assistance sought 10
FS402S11	Person from whom financial assistance sought 11
FS402S12	Person from whom financial assistance sought 12
FS402S13	Person from whom financial assistance sought 13
FS402S14	Person from whom financial assistance sought 14
FS402S2	Person from whom financial assistance sought 2 S
FS402S3	Person from whom financial assistance sought 3 D
FS402S4	Person from whom financial assistance sought 4 S
FS402S5	Person from whom financial assistance sought 5 d
FS402S6	Person from whom financial assistance sought 6 G
FS402S7	Person from whom financial assistance sought 7 P
FS402S8	Person from whom financial assistance sought 8 P
FS402S9	Person from whom financial assistance sought 9 B

Financial Transfers Given

Wave	Variable	Label	Type
1	R1TCANY	rltcany:wl r any transfers to children/grandchildren	Categ
1	S1TCANY	sltcany:wl s any transfers to children/grandchildren	Categ
1	R1TPANY	rltpany:wl r any transfers to parents	Categ
1	S1TPANY	sltpany:wl s any transfers to parents	Categ
1	R1TOANY	rltoany:wl r any transfers to others	Categ
1	S1TOANY	sltoany:wl s any transfers to others	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1TCANY	72253	0.05	0.21	0.00	1.00
S1TCANY	49552	0.05	0.22	0.00	1.00
R1TPANY	72253	0.01	0.07	0.00	1.00
S1TPANY	49552	0.01	0.08	0.00	1.00
R1TOANY	72253	0.02	0.15	0.00	1.00
S1TOANY	49552	0.03	0.16	0.00	1.00

Categorical Variable Codes

Value-----	R1TCANY
.d:DK	53
.m:Missing	1055
.r:Refuse	47
0.no	68764
1.yes	3489
Value-----	S1TCANY
.d:DK	28
.m:Missing	539
.r:Refuse	33
.u:Unmar	16594
.v:SP NR	6662
0.no	47012
1.yes	2540
Value-----	R1TPANY
.d:DK	53
.m:Missing	1055
.r:Refuse	47
0.no	71855
1.yes	398
Value-----	S1TPANY
.d:DK	28
.m:Missing	539
.r:Refuse	33
.u:Unmar	16594
.v:SP NR	6662

0.no		49260
1.yes		292
Value-----		R1TOANY
.d:DK		53
.m:Missing		1055
.r:Refuse		47
0.no		70490
1.yes		1763
Value-----		S1TOANY
.d:DK		28
.m:Missing		539
.r:Refuse		33
.u:Unmar		16594
.v:SP NR		6662
0.no		48205
1.yes		1347

How Constructed

RwTCANY indicates whether the respondent gave any financial (monetary) support to their children, children-in-law, or grandchildren in the past year. A code of 0 indicates that the respondent did not give any financial support to children or grandchildren. A code of 1 indicates that the respondent gave some economic support to children or grandchildren. Don't know, refused, or other missing responses to RwTCANY are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the respondent did not participate in the current wave.

RwTPANY indicates whether the respondent gave any financial (monetary) support to their parents or parents-in-law in the past year. A code of 0 indicates that the respondent did not give any financial support to their parents. A code of 1 indicates that the respondent gave some economic support to their parents. Don't know, refused, or other missing responses to RwTPANY are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the respondent did not participate in the current wave.

RwTOANY indicates whether the respondent gave any financial (monetary) support to other people in the past year. This category includes siblings, grandparents, other relatives, friends, servants, and others. A code of 0 indicates that the respondent did not give any financial support to other people. A code of 1 indicates that the respondent gave some economic support to other people. Don't know, refused, or other missing responses to RwTOANY are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the respondent did not participate in the current wave.

Providing financial support in LASI means giving money, helping to pay bills, or covering specific types of costs, such as medical care or insurance, schooling, marriages in family, religious events, down payments for buying a home, and rent, that exceed 1,000 Rupees annually. Shared costs for housing and food are excluded.

SwTCANY, SwTPANY, and SwTOANY indicate whether the current wave's spouse gave any financial support to their children, parents, or other people, respectively. Their values are taken directly from the spouse's values for RwTCANY, RwTPANY, and RwTOANY, respectively. In addition to special missing codes used in RwTCANY, RwTPANY, and RwTOANY, SwTCANY, SwTPANY, and SwTOANY use additional missing codes, .u and .v. If the respondent is not designated as coupled in the current wave and assumed to be single, then special missing value of .u is used. If the respondent is not designated as coupled in the current wave but reports being married, then special missing value of .v is used.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

These variables are not available in the RAND HRS or Harmonized HRS, but are available in the RAND HRS Family data.

LASI Variables Used

Wave 1 Core:

FS404	Financial help given to family or friends
FS405S10	Person to whom financial help was given 10 Siste
FS405S11	Person to whom financial help was given 11 Grand
FS405S12	Person to whom financial help was given 12 Other
FS405S13	Person to whom financial help was given 13 Serva
FS405S14	Person to whom financial help was given 14 Frien
FS405S15	Person to whom financial help was given 15 Other
FS405S2	Person to whom financial help was given 2 Son/s
FS405S3	Person to whom financial help was given 3 Daught
FS405S4	Person to whom financial help was given 4 Son-in
FS405S5	Person to whom financial help was given 5 Daught
FS405S6	Person to whom financial help was given 6 Grandc
FS405S7	Person to whom financial help was given 7 Parent
FS405S8	Person to whom financial help was given 8 Parent
FS405S9	Person to whom financial help was given 9 Brothe

Total Family Financial Transfers

Wave	Variable	Label	Type
1	R1FREC	rlfrec:w1 r total amount of transfers received	Cont
1	S1FREC	slfrec:w1 s total amount of transfers received	Cont
1	R1FFREC	rlffrec:w1 r flag total amount of transfers received	Categ
1	S1FFREC	slffrec:w1 s flag total amount of transfers received	Categ
1	R1TGIV	rltgiv:w1 r total amount of transfers given	Cont
1	S1TGIV	sltgiv:w1 s total amount of transfers given	Cont
1	R1FTGIV	rlftgiv:w1 r flag total amount of transfers given	Categ
1	S1FTGIV	slftgiv:w1 s flag total amount of transfers given	Categ
1	R1FTOT	rlftot:w1 r net value of financial transfers	Cont
1	S1FTOT	slftot:w1 s net value of financial transfers	Cont
1	R1FFTOT	rlfftot:w1 r flag net value of financial transfers	Categ
1	S1FFTOT	slfftot:w1 s flag net value of financial transfers	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1FREC	73408	3635.76	56700.90	0.00	7800000.00
S1FREC	50152	3877.65	66008.07	0.00	7800000.00
R1FFREC	73408	5.40	1.69	1.00	8.00
S1FFREC	50152	5.43	1.63	1.00	8.00
R1TGIV	73406	1482.63	17571.07	0.00	2500000.00
S1TGIV	50150	1639.08	19612.45	0.00	2500000.00
R1FTGIV	73408	5.65	1.35	-1.00	8.00
S1FTGIV	50152	5.61	1.40	-1.00	8.00
R1FTOT	73406	2152.69	59120.68	-2500000.00	7800000.00
S1FTOT	50150	2237.93	68616.02	-2500000.00	7800000.00
R1FFTOT	73408	5.13	1.95	-1.00	8.00
S1FFTOT	50152	5.13	1.93	-1.00	8.00

Categorical Variable Codes

Value-----	R1FFREC
1.continuous value	9114

2.complete bracket		199
3.incomplete bracket		8
5.no value/bracket		80
6.no transfer		62865
7.dk transfer		49
8.module not answered		1093

Value-----		S1FFREC
.u:Unmar		16594
.v:SP NR		6662
1.continuous value		5826
2.complete bracket		103
3.incomplete bracket		4
5.no value/bracket		52
6.no transfer		43577
7.dk transfer		30
8.module not answered		560

Value-----		R1FTGIV
-1.not imputed, missing neighbors		2
1.continuous value		5445
2.complete bracket		149
3.incomplete bracket		1
5.no value/bracket		56
6.no transfer		66608
7.dk transfer		59
8.module not answered		1088

Value-----		S1FTGIV
.u:Unmar		16594
.v:SP NR		6662
-1.not imputed, missing neighbors		2
1.continuous value		4073
2.complete bracket		113
5.no value/bracket		39
6.no transfer		45332
7.dk transfer		34
8.module not answered		559

Value-----		R1FFTOT
-1.not imputed, missing neighbors		2
1.continuous value		12999
2.complete bracket		292
3.incomplete bracket		8
5.no value/bracket		102
6.no transfer		58822
7.dk transfer		78
8.module not answered		1105

Value-----		S1FFTOT
.u:Unmar		16594
.v:SP NR		6662
-1.not imputed, missing neighbors		2
1.continuous value		8764
2.complete bracket		175
3.incomplete bracket		3
5.no value/bracket		66
6.no transfer		40527
7.dk transfer		47
8.module not answered		568

How Constructed

RwFREC indicates the total amount of financial transfers that the respondent received in the past year, including imputed values. RwtGIV indicates the total amount of financial transfers that the respondent gave in the past year, including imputed values. RwFREC and RwtGIV are determined from direct questions asking for the total value of financial help received and given, respectively, in the past year and include imputed values. RwtTOT indicates the net value of financial transfers in the past year, and is calculated by subtracting RwtGIV from RwFREC. RwtTOT is not calculated if either RwFREC or RwtGIV is

missing. In wave 1, there was an error in the survey programming for the total amount of financial transfers received for a small number of respondents, so these cases of `RwFREC` have imputed values. If the value could not be imputed due to a lack of observations in the donor pool or due to one or more missing values in the covariates used in the imputation procedure, then `RwFREC`, `RwTGIV`, and `RwFTOT` are assigned special missing `.m`. Responses are set to plain missing `(.)` if the respondent did not participate in the current wave.

`RwFFREC`, `RwFTGIV`, and `RwFFTOT` are flag variables indicating the highest level of imputation of the components of `RwFREC`, `RwTGIV`, and `RwFTOT`, respectively. A code of 1 indicates the respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates that the respondent reported not making or receiving any transfers and the value is 0. A code of 7 indicates that the ownership of the components is not known. A code of -1 indicates that the value could not be imputed due to a lack of observations in the donor pool. A code of -2 indicates that the value could not be imputed due to one or more missing values in the covariates used in the imputation procedure.

All amounts are provided in Rupees. Providing financial support in LASI means giving money, helping to pay bills, or covering specific types of costs, such as medical care or insurance, schooling, marriages in family, religious events, down payments for buying a home, and rent, that exceed 1,000 Rupees annually. Shared costs for housing and food are excluded.

`SwFREC` and `SwTGIV` are the total amount of financial transfers the current wave's spouse received and gave in the past year, including imputed values. Their values are taken directly from the spouse's values for `RwFREC` and `RwTGIV`, respectively. `SwFTOT` is the total net value of financial transfers of the current wave's spouse in the past year. `SwFTOT` is taken directly from the spouse's values for `RwFTOT`. `SwFFREC`, `SwFTGIV`, and `SwFFTOT` are flag variables indicating the highest level of imputation used for the components of `SwFREC`, `SwTGIV`, and `SwFTOT`. Their values are taken directly from the spouse's values for `RwFFREC`, `RwFTGIV`, and `RwFFTOT`. In addition to special missing codes used in the respondent variables, the spouse variables use additional missing codes, `.u` and `.v`. If the respondent is not designated as coupled in the current wave and assumed to be single, then special missing value of `.u` is used. If the respondent is not designated as coupled in the current wave but reports being married, then special missing value of `.v` is used.

Cross Wave Differences in LASI

In wave 1 there was an error in the survey programming for the total amount of financial transfers received for a small number of respondents.

Differences with the RAND HRS/Harmonized HRS

These variables are not available in the RAND HRS or Harmonized HRS, but are available in the RAND HRS Family data. These values in LASI are measured in Rupees, whereas the equivalent measure in the RAND HRS Family data is measured in U.S. dollars. Therefore, conversion into a common currency is necessary before comparison of these data.

LASI Variables Used

Wave 1 Core:	
FS401	Financial support received
FS403_I	
FS403_I_F	
FS404	Financial help given to family or friends
FS406_I	
FS406_I_F	

Any Weekly Contact with Friends in Person, by Phone, Mail, or E-mail

Wave	Variable	Label	Type
1	R1FCNTF	rlfcntf:w1 r any weekly contact w/ friend in person	Categ
1	S1FCNTF	slfcntf:w1 s any weekly contact w/ friend in person	Categ
1	R1FCNTPM	rlfcntpm:w1 r any weekly contact w/ friend phone/mail/email	Categ
1	S1FCNTPM	slfcntpm:w1 s any weekly contact w/ friend phone/mail/email	Categ
1	R1FCNT	rlfcnt:w1 r any weekly contact w/ friend in person/phone/mai	Categ
1	S1FCNT	slfcnt:w1 s any weekly contact w/ friend in person/phone/mai	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1FCNTF	72547	0.29	0.45	0.00	1.00
S1FCNTF	49744	0.31	0.46	0.00	1.00
R1FCNTPM	72549	0.09	0.29	0.00	1.00
S1FCNTPM	49746	0.11	0.31	0.00	1.00
R1FCNT	72551	0.30	0.46	0.00	1.00
S1FCNT	49747	0.32	0.47	0.00	1.00

Categorical Variable Codes

Value-----	R1FCNTF
.d:DK	32
.m:Missing	806
.r:Refuse	23
0.no	51433
1.yes	21114
Value-----	S1FCNTF
.d:DK	12
.m:Missing	384
.r:Refuse	12
.u:Unmar	16594
.v:SP NR	6662
0.no	34226
1.yes	15518
Value-----	R1FCNTPM
.d:DK	29
.m:Missing	806
.r:Refuse	24
0.no	65799
1.yes	6750
Value-----	S1FCNTPM
.d:DK	9
.m:Missing	384
.r:Refuse	13
.u:Unmar	16594
.v:SP NR	6662

0.no		44490
1.yes		5256

Value-----		R1FCNT
.d:DK		28
.m:Missing		806
.r:Refuse		23
0.no		50674
1.yes		21877

Value-----		S1FCNT
.d:DK		9
.m:Missing		384
.r:Refuse		12
.u:Unmar		16594
.v:SP NR		6662
0.no		33669
1.yes		16078

How Constructed

RwFCNTF indicates whether the respondent has any frequent (ie., at least weekly) contact with any of their friends in person. Respondents are first asked whether they have friends, and if so, how often they meet up with their friends on average. RwFCNTF is assigned a code of 0 if the respondent meets up with friends at least once in a month, at least once in a year, or never, or if the respondent reports not having any friends. RwFCNTF is assigned a code of 1 if the respondent meets up with friends daily or at least once a week. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, .m, respectively. RwFCNTF is assigned a blank missing (.) if the respondent did not participate in the current wave.

RwFCNTPM indicates whether the respondent has any frequent (ie., at least weekly) contact with any of their friends on the phone, by mail, or by e-mail. Respondents are first asked whether they have friends, and if so, how often they speak on the phone or mail/e-mail their friends on average. RwFCNTPM is assigned a code of 0 if the respondent speaks with friends on the phone or by mail/e-mail at least once in a month, at least once in a year, or never, or if the respondent reports not having any friends. RwFCNTPM is assigned a code of 1 if the respondent speaks with friends on the phone or by mail/e-mail daily or at least once a week. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, .m, respectively. RwFCNTPM is assigned a blank missing (.) if the respondent did not participate in the current wave.

RwFCNT indicates whether the respondent has any frequent (ie., at least weekly) contact with any of their friends either in person or by phone, mail, or e-mail. RwFCNT is assigned a code of 0 if the respondent meets up or speaks, mails, or e-mails with friends at least once in a month, at least once in a year, or never, or if the respondent reports not having any friends. RwFCNT is assigned a code of 1 if the respondent meets up or speaks, mails, or e-mails with friends daily or at least once a week. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, .m, respectively. RwFCNT is assigned a blank missing (.) if the respondent did not participate in the current wave.

SwFCNTF, SwFCNTPM, and SwFCNT indicate whether the respondent's current wave's spouse has weekly contact with their friends in person or by phone, mail, or e-mail, and their values are taken from RwFCNTF, RwFCNTPM, and RwFCNT. In addition to the special missing codes employed by RwFCNTF, RwFCNTPM, and RwFCNT, SwFCNTF, SwFCNTPM, and SwFCNT employ two additional special missing codes, .u and .v. Special missing code .u is used when the respondent does not report being coupled in the current wave. Special missing .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The Harmonized HRS includes RwFCNTF, RwFCNTPM, and RwFCNT indicating whether the respondent has weekly

contact with their relatives or friends, while the variables in the Harmonized LASI only indicate weekly contact with their friends. Comparable variables can be made using the HRS data.

LASI Variables Used

Wave 1 Core:	
FS324	Having friends
FS326	Frequency of meeting friends
FS327	Frequency of talking to friends over phone or ma

Any Weekly Contact with Relatives or Friends in Person

Wave	Variable	Label	Type
1	R1RFCNTF	rlrfcntf:w1 r any weekly contact with relative/friend in per	Categ
1	S1RFCNTF	slrfcntf:w1 s any weekly contact with relative/friend in per	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RFCNTF	72338	0.14	0.34	0.00	1.00
S1RFCNTF	49605	0.14	0.35	0.00	1.00

Categorical Variable Codes

Value-----	R1RFCNTF
.d:DK	7
.m:Missing	1057
.r:Refuse	6
0.no	62446
1.yes	9892

Value-----	S1RFCNTF
.d:DK	4
.m:Missing	541
.r:Refuse	2
.u:Unmar	16594
.v:SP NR	6662
0.no	42590
1.yes	7015

How Constructed

RwRFCNTF indicates whether the respondent has any frequent (ie., at least weekly) contact with any of their friends or relatives in person. Respondents are asked how often they visit relatives/friends. RwRFCNTF is assigned a code of 0 if the respondent visits relatives or friends several times a month, at least once a month, rarely/once in a year/ or never/not relevant. RwRFCNTF is assigned a code of 1 if the respondent visits relatives or friends daily, several times a week, or once a week. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, .m, respectively. RwRFCNTF is assigned a blank missing (.) if the respondent did not participate in the current wave.

SwRFCNTF indicates whether the respondent's current wave's spouse has weekly contact with their relatives or friends in person, and its values are taken from RwRFCNTF. In addition to the special missing codes employed by RwRFCNTF, SwFCNTF employs two additional special missing codes, .u and .v. Special missing code .u is used when the respondent does not report being coupled in the current wave. Special missing .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The Harmonized HRS includes RwRFCNTF, RwRFCNTPM, and RwRFCNT indicating whether the respondent has weekly contact with their relatives or friends, which combine information from separate questions asking about the frequency of contact with the respondent's relatives and with the respondent's friends in person, speaking on the phone, and by writing or e-mail. RwRFCNTF in the Harmonized LASI uses information from a

single question asking how frequently the respondent visits relatives/friends, without asking the frequency of contacting relatives by phone, mail, or e-mail.

LASI Variables Used

Wave 1 Core:
FS508 Visit relatives /friends

Whether Participates in Social Activities

Wave	Variable	Label	Type
1	R1SOCYR	rlsocy:wl r participates in social activities yearly	Categ
1	S1SOCYR	slsocy:wl s participates in social activities yearly	Categ
1	R1SOCWK	rlsocwk:wl r participates in social activities weekly	Categ
1	S1SOCWK	slsocwk:wl s participates in social activities weekly	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SOCYR	72339	0.09	0.29	0.00	1.00
S1SOCYR	49604	0.10	0.30	0.00	1.00
R1SOCWK	72339	0.03	0.17	0.00	1.00
S1SOCWK	49604	0.03	0.17	0.00	1.00

Categorical Variable Codes

Value-----	R1SOCYR
.d:DK	6
.m:Missing	1055
.r:Refuse	8
0.no	65729
1.yes	6610
Value-----	S1SOCYR
.d:DK	2
.m:Missing	540
.r:Refuse	6
.u:Unmar	16594
.v:SP NR	6662
0.no	44604
1.yes	5000
Value-----	R1SOCWK
.d:DK	6
.m:Missing	1055
.r:Refuse	8
0.no	70299
1.yes	2040
Value-----	S1SOCWK
.d:DK	2
.m:Missing	540
.r:Refuse	6
.u:Unmar	16594
.v:SP NR	6662
0.no	48094
1.yes	1510

How Constructed

RwSOCYR indicates whether the respondent participates in any social groups annually. Respondents are first asked whether they are a member of any social organizations, religious groups, clubs or societies, and if so, how many meetings/regular gatherings they attend in a year. RwSOCYR is assigned a code of 0 if

the respondent is not a member of any social groups or if they are a member but never meet. Rwsocyr is assigned a code of 1 if the respondent meets with their social groups daily or almost daily, once or twice a week, once or twice a month, every other month or so, or once or twice a year. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, .m, respectively. Rwsocyr is assigned a blank missing (.) if the respondent did not participate in the current wave.

Rwsocwk indicates whether the respondent participates in any social groups weekly. Respondents are first asked whether they are a member of any social organizations, religious groups, clubs or societies, and if so, how many meetings/regular gatherings they attend in a year. Rwsocwk is assigned a code of 0 if the respondent is not a member of any social groups or if they are a member but meet once or twice a month, every other month or so, once or twice a year, or never. Rwsocwk is assigned a code of 1 if the respondent meets with their social groups daily or almost every day, or one or twice a week. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, .m, respectively. Rwsocwk is assigned a blank missing (.) if the respondent did not participate in the current wave.

The groups can include: farmers' association/environmental groups/political party; tenant groups, neighborhood watch, resident welfare association; community/caste organizations; self-help group/NGO/co-operative/mahilamandal; religious/spiritual group; education, arts or music groups, evening classes; social club, sports clubs, exercise classes, yoga classes; senior citizen's association/clubs; gram panchayat; or other groups.

Swsocyr and Swsocwk indicate whether the respondent's current wave's spouse participates in social groups annually or weekly, and their values are taken from Rwsocyr and Rwsocwk. In addition to the special missing codes employed by Rwsocyr and Rwsocwk, Swsocyr and Swsocwk employ two additional special missing codes, .u and .v. Special missing code .u is used when the respondent does not report being coupled in the current wave. Special missing .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The Harmonized HRS includes Rwsocwk and Rwsocmn, indicating whether the respondent participates in social activities weekly or monthly, while the Harmonized LASI includes Rwsocwk and Rwsocyr, indicating whether the respondent participates in social activities weekly or annually. In the HRS, the questions comprising these variables are in the leave behind questionnaire as opposed to the core questionnaire, and are only available starting in Wave 9. The HRS includes a different list of social activities than the groups listed in LASI.

LASI Variables Used

Wave 1 Core:	
FS501	Member of organizations, clubs, or societies
FS503	Freequency of meeting held

Whether Participates in Religious Functions

Wave	Variable	Label	Type
1	R1RELGWK	rlrelgwk:w1 r participates in religious functions weekly	Categ
1	S1RELGWK	slrelgwk:w1 s participates in religious functions weekly	Categ
1	R1SOCRELG_L	rlsocrelg_l:w1 r freq participates in religious functions	Categ
1	S1SOCRELG_L	slsocrelg_l:w1 s freq participates in religious functions	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RELGWK	72338	0.12	0.32	0.00	1.00
S1RELGWK	49605	0.12	0.32	0.00	1.00
R1SOCRELG_L	72338	5.77	1.60	1.00	7.00
S1SOCRELG_L	49605	5.73	1.61	1.00	7.00

Categorical Variable Codes

Value-----	R1RELGWK
.d:DK	7
.m:Missing	1057
.r:Refuse	6
0.no	63822
1.yes	8516

Value-----	S1RELGWK
.d:DK	4
.m:Missing	541
.r:Refuse	2
.u:Unmar	16594
.v:SP NR	6662
0.no	43655
1.yes	5950

Value-----	R1SOCRELG_L
.d:DK	7
.m:Missing	1057
.r:Refuse	6
1.daily	2905
2.several times a week	1802
3.once a week	3809
4.several times a month	3907
5.at least once a month	7278
6.rarely/once in a year	21159
7.never/not relevant	31478

Value-----	S1SOCRELG_L
.d:DK	4
.m:Missing	541
.r:Refuse	2
.u:Unmar	16594
.v:SP NR	6662
1.daily	2017
2.several times a week	1277
3.once a week	2656
4.several times a month	2818

5.at least once a month		5216
6.rarely/once in a year		15065
7.never/not relevant		20556

How Constructed

RwRELGWK indicates whether the respondent attends religious functions or events weekly. Respondents are asked how often they attend religious functions or events such as bhajan, satsang, and prayer. RwRELGWK is assigned a code of 0 if the respondent attends religious functions several times a month, at least once a month, rarely/once in a year, or never/not relevant. RwRELGWK is assigned a code of 1 if the respondent attends religious functions daily, several times a week, or once a week. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, .m, respectively. RwRELGWK is assigned a blank missing (.) if the respondent did not participate in the current wave.

RwSOCRELG_L indicates the frequency with which the respondent attends religious functions or events. RwSOCRELG_L is coded as follows: 1.daily, 2.several times a week, 3.once a week, 4.several times a month, 5.at least once a month, 6.rarely/once in a year, 7.never/not relevant. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, .m, respectively. RwSOCRELG_L is assigned a blank missing (.) if the respondent did not participate in the current wave.

SwRELGWK and SwSOCRELG_L indicate whether the respondent's current wave's spouse attends religious functions weekly and the frequency they attend religious functions, and their values are taken from RwRELGWK and RwSOCRELG_L. In addition to the special missing codes employed by RwRELGWK and RwSOCRELG_L, SwRELGWK and SwSOCRELG_L employ two additional special missing codes, .u and .v. Special missing code .u is used when the respondent does not report being coupled in the current wave. Special missing .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwSOCRELG_H in the Harmonized HRS uses a different scale than RwSOCRELG_L in the Harmonized LASI.

LASI Variables Used

Wave 1 Core:
FS510 Attend religious functions /events such as bhaja

Section H: Employment History

Currently Working

Wave	Variable	Label	Type
1	R1WORKA	rlworka:w1 whether r works	Categ
1	S1WORKA	slworka:w1 whether s works	Categ
1	R1WORK	rlwork:w1 whether r works for pay	Categ
1	S1WORK	slwork:w1 whether s works for pay	Categ
1	R1WORK2	rlwork2:w1 r works at 2nd job	Categ
1	S1WORK2	slwork2:w1 s works at 2nd job	Categ
1	R1NJOBS2	rlnjobs2:w1 r number of secondary jobs	Cont
1	S1NJOBS2	slnjobs2:w1 s number of secondary jobs	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WORKA	73386	0.48	0.50	0.00	1.00
S1WORKA	50138	0.54	0.50	0.00	1.00
R1WORK	73381	0.43	0.49	0.00	1.00
S1WORK	50135	0.48	0.50	0.00	1.00
R1WORK2	73355	0.06	0.23	0.00	1.00
S1WORK2	50118	0.07	0.25	0.00	1.00
R1NJOBS2	73355	0.07	0.37	0.00	10.00
S1NJOBS2	50118	0.08	0.40	0.00	10.00

Categorical Variable Codes

Value-----	R1WORKA
.m:Missing	20
.r:Refuse	2
0.no	37922
1.yes	35464
Value-----	S1WORKA
.m:Missing	12
.r:Refuse	2
.u:Unmar	16594
.v:SP NR	6662
0.no	23058
1.yes	27080
Value-----	R1WORK
.m:Missing	22
.r:Refuse	5
0.no	42010
1.yes	31371

Value-----	S1WORK
.m:Missing	14
.r:Refuse	3
.u:Unmar	16594
.v:SP NR	6662
0.no	25982
1.yes	24153

Value-----	R1WORK2
.d:DK	15
.m:Missing	28
.r:Refuse	10
0.no	69215
1.yes	4140

Value-----	S1WORK2
.d:DK	9
.m:Missing	17
.r:Refuse	8
.u:Unmar	16594
.v:SP NR	6662
0.no	46728
1.yes	3390

How Constructed

RwWORKA indicates whether a respondent is currently working. A value of 1 indicates that the respondent is currently working, or that they are temporarily laid off, on sick or other leave, or in job training. A value of 0 indicates that the respondent is not currently working or has never worked for at least 3 months during their lifetime.

RwWORK indicates whether a respondent is currently in paid work. A value of 1 indicates that the respondent either engages in agricultural work for their own farm/fishery/forestry, engages in agricultural work for their family or other people and reports being paid with cash and/or in-kind, is self-employed with a non-agricultural business, receives any wages or salaries from full-time or part-time employment, or helps with a family member's non-agricultural business and reports being paid with cash and/or in-kind. A value of 0 indicates that the respondent is not currently working, has never worked for at least 3 months during their lifetime, engages in agricultural work for their family or other people and report not being paid, or do not receive any wages or salaries from full-time or part-time employment.

RwWORK2 indicates whether a respondent is working more than one job. RwWORK2 is assigned a value of 0 if the respondent is not working more than one job, if they are not currently working at all, or have never worked for at least 3 months during their lifetime.

RwNJOBS2 indicates the number of secondary jobs reported. If the respondent reported not having any second job, not currently working, or have never worked for at least 3 months during their lifetime, then RwNJOBS2 is assigned a value of 0.

Don't know, refused, or other missing responses of RwWORKA, RwWORK, RwWORK2, and RwNJOBS2 are assigned special missing codes .d, .r, or .m respectively. RwWORKA, RwWORK, RwWORK2, and RwNJOBS2 are set to plain missing (.) for respondents who did not respond to this wave.

SwWORKA indicates whether the respondent's spouse in the current wave is currently working. It is taken from the spouse's RwWORKA. SwWORK indicates whether the respondent's spouse in the current wave is currently working for pay. It is taken from the spouse's RwWORK. SwWORK2 indicates whether the respondent's spouse in the current wave is working more than one job. It is taken from the spouse's RwWORK2. SwNJOBS2 indicates the number of secondary jobs the respondent's spouse in the current wave reported. It is taken from the spouse's RwNJOBS2. In addition to the special missing codes employed by the respondent variables, the spouse variables use 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In the HRS, the respondent is asked if they are doing any work for pay at the present time, the answers to which are used to create RwwORK in the RAND HRS. In the LASI, the respondent is asked if they are currently working, as such, RwwORKA in the Harmonized LASI does not distinguish between those who are working for pay and those who are not. RwwORK in the Harmonized LASI distinguishes between those who are and are not working for pay using a series of questions about the respondent's current work, including whether they are paid for different possible types of employment activities.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE012A	Working in own or others farm
WE012B	Paid in cash or kind in agricultral work
WE013	Engage as self employed
WE014	Receiving wages or salaries
WE015A	Paid in cash or kind in non agricultural busines
WE017	Number of side jobs

Whether Self-Employed (Non-Agricultural)

Wave	Variable	Label	Type
1	R1SLFEMP	r1slfemp:w1 r whether self-employed	Categ
1	S1SLFEMP	s1slfemp:w1 s whether self-employed	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SLFEMP	35269	0.18	0.39	0.00	1.00
S1SLFEMP	26948	0.19	0.39	0.00	1.00

Categorical Variable Codes

Value-----	R1SLFEMP
.d:DK	57
.m:Missing	127
.r:Refuse	34
.w:not working	37921
0.no	28793
1.yes	6476

Value-----	S1SLFEMP
.d:DK	34
.m:Missing	88
.r:Refuse	25
.u:Unmar	16594
.v:SP NR	6662
.w:not working	23057
0.no	21922
1.yes	5026

How Constructed

RwSLFEMP indicates whether the respondent is self-employed or not. LASI first asks the respondent about multiple types of current work and whether or not they engage in them. Then, LASI asks for a respondent's main job, which is defined as the paid job at which they work the longest hours. Their main job is then used to determine whether or not they are self-employed. A person's main job can be the one of the following: "Farm/fishery/forestry (own/family)", "Agricultural laborer", "Non-agricultural business owner", "Own account worker", "Wage-salaried worker", or "Paid family worker".

RwSLFEMP is assigned a value of 1 if the respondent's main job is as a non-agricultural business owner, or as an own account owner, indicating that they are self-employed. RwSLFEMP is assigned a value of 0 if the respondent's main job is at a farm/fishery/forestry (own/family), works as an agricultural laborer, is a wage-salaried worker, or is a paid family worker, indicating that they are not self-employed. RwSLFEMP is assigned special missing .w if the respondent is not currently working or has never worked. If respondents don't know, refuse to answer, or responses are otherwise missing, RwSLFEMP is assigned special missing values .d, .r, or .m, respectively. RwSLFEMP is set to plain missing (.) for respondents who did not respond to this wave.

SwSLFEMP indicates whether the respondent's spouse in the current wave is self-employed or not. It is taken from the spouse's values of RwSLFEMP. In addition to the special missing codes employed by RwSLFEMP, SwSLFEMP uses 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In the HRS, there is a direct question asking about self-employment: “do you work for someone else, are you self-employed, or what?” In LASI, there are three sets of questions dealing with self-employment: first they are asked if they engage in agricultural work for their own farm/fishery/forestry, second they are asked if they are self-employed or own a non-agricultural business; then they are asked what their main job is if they reported having multiple jobs. RwsLFEMP in the Harmonized LASI is assigned a 1 only for those who report being self-employed as their main job.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE016_MAINJOB	Checkpoint at WE016

Labor Force Status

Wave	Variable	Label	Type
1	R1LBRF_L	r1lbrf_l:w1 r labor force status	Categ
1	S1LBRF_L	s1lbrf_l:w1 s labor force status	Categ
1	R1LBRFS_L	r1lbrfs_l:w1 r simple labor force status	Categ
1	S1LBRFS_L	s1lbrfs_l:w1 s simple labor force status	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LBRF_L	73104	6.28	3.29	1.00	10.00
S1LBRF_L	49946	5.96	3.29	1.00	10.00
R1LBRFS_L	73104	3.32	1.60	1.00	5.00
S1LBRFS_L	56485	2.78	1.29	1.00	5.00

Categorical Variable Codes

Value-----	R1LBRF_L
.d:DK	74
.m:Missing	178
.r:Refuse	52
1.wage/salary worker	9758
2.paid family worker	364
3.non-agri self-employed	6476
4.farm/fishery/forestry (own/family)	12539
5.agricultural laborer	6132
6.unemployed and looking for job	531
7.disabled	3056
8.homemaker	6050
9.other	6253
10.never worked	21945
Value-----	S1LBRF_L
.d:DK	43
.m:Missing	127
.r:Refuse	36
.u:Unmar	16594
.v:SP NR	6662
1.wage/salary worker	7203
2.paid family worker	258
3.non-agri self-employed	5026
4.farm/fishery/forestry (own/family)	9997
5.agricultural laborer	4464
6.unemployed and looking for job	391
7.disabled	1601
8.homemaker	3687
9.other	3605
10.never worked	13714
Value-----	R1LBRFS_L
.d:DK	74
.m:Missing	178
.r:Refuse	52
1.employed	9758
2.self-employed	25511

3.unemployed		531
4.homemaker		6050
5.other		31254

Value-----		S1LBRFS_L
.d:DK		1
.m:Missing		331
.r:Refuse		2
.u:Unmar		16589
1.employed		11627
2.self-employed		15793
3.unemployed		5808
4.homemaker		19634
5.other		3623

How Constructed

Harmonized LASI includes two indicators of labor force status. `RwLBRF_L/SwLBRF_L` is a more granular version of labor force status. `RwLBRFS_L/SwLBRFS_L` is a simplified version of labor force status but has the advantage that `SwLBRFS_L` includes labor force information for non-responding spouses.

LASI asks the respondent about multiple types of current work and whether or not they engage in them. While a respondent can have only one job or multiple jobs, their main job is used to determine their labor force status. A person's main job can be one of the following: "Farm/fishery/forestry (own/family)", "Agricultural laborer", "Non-agricultural business owner", "Own account worker", "Wage-salaried worker", or "Paid family worker".

If a respondent is not currently working, they are asked why they stopped working and whether or not the following applies to them: "Temporarily laid off, on sick, or other leave, or in job training", "Unemployed and looking for job", "Disabled", "Homemaker", and "Other".

`RwLBRF_L` summarizes the labor force status for the respondent as being: 1.wage/salary worker, 2.paid family worker, 3.non-agricultural self-employed, 4.farm/fishery/forestry (own/family), 5.agricultural laborer, 6.unemployed and looking for a job, 7.disabled, 8.homemaker, 9.other, or 10.never worked. A code of 1 indicates that the respondent's primary employment activity is wage-salaried. A code of 2 indicates that the respondent's primary employment activity is paid family work. A code of 3 indicates that the respondent's primary employment activity is non-agricultural business owner or own account worker. A code of 4 indicates that the respondent's primary employment activity is farm/fishery/forestry for themselves or their family. A code of 5 indicates that the respondent's primary employment activity is as an agricultural laborer. A code of 6 indicates that the respondent reports being currently unemployed and looking for a job, or if they report being disabled, a homemaker, or other status and later report looking for a job in the job search questions. A code of 7 indicates that the respondent is disabled and not currently working. A code of 8 indicates that the respondent is a homemaker and not currently working. A code of 9 indicates that the respondent stopped working for a reason other than being unemployed, disabled, or a homemaker. A code of 10 indicates that the respondent has never worked for at least 3 months during their lifetime. Don't know, missing, or refused responses are assigned special missing codes .d, .m, or .r, respectively. `RwLBRF_L` is set to plain missing (.) for respondents who did not respond to this wave.

`SwLBRF_L` summarizes the labor force status for the respondent's spouse. It is taken directly from the respondent's spouse's values to `RwLBRF_L`. In addition to the special missing codes employed by `RwLBRF_L`, `SwLBRF_L` uses 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.

LASI also asks respondents with a spouse "Is your spouse employed (either working for someone else or for him/herself)?" Respondents can answer that their spouse is employed, self-employed (including farming on your own farm), unemployed, housewife/housemaker, retired, or other.

`RwLBRFS_L` summarizes the labor force status for the respondent as being: 1.employed, 2.self-employed, 3.unemployed, 4.homemaker, or 5.other. A code of 1 indicates that the respondent's primary employment activity is wage-salaried. A code of 2 indicates that the respondent's primary employment activity is paid family work, non-agricultural business owner or own account worker, farm/fishery/forestry for

themselves or their family, or as an agricultural laborer. A code of 3 indicates that the respondent reports being currently unemployed and looking for a job, or if they report being disabled, a homemaker, or other status and later report looking for a job in the job search questions. A code of 4 indicates that the respondent is homemaker and not currently working. A code of 5 indicates that the respondent is disabled and not currently working, stopped working for a reason other than being unemployed, disabled, or a homemaker, or has never worked for at least 3 months during their lifetime. Don't know, missing, or refused responses are assigned special missing codes .d, .m, or .r, respectively. RwLBRFS_L is set to plain missing (.) for respondents who did not respond to this wave.

SwLBRFS_L summarizes the labor force status for the respondent's spouse. SwLBRFS_L uses the information provided by the spouse about themselves if the spouse was also a respondent but if the spouse was not a respondent they use information the respondent provided about the spouse. In addition to the special missing codes employed by RwLBRFS_L, SwLBRFS_L uses an additional special missing code, .u. 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.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, LASI uses different categories to classify labor force status, such as different kinds of agricultural work and working unpaid for a family business. Because of these differences and others, RwLBRF_L in the Harmonized LASI uses a different categorization than RwLBRF in the RAND HRS.

LASI Variables Used

Wave 1 Core:	
FS103_1	Spouse employment
WE001	Work for minimum 3 months during life time
WE005	Reason to stop working
WE016_MAINJOB	Checkpoint at WE016
WE201	Currently looking for another job- job search

Whether in Labor Force

Wave	Variable	Label	Type
1	R1INLBRF	rlinlbrf:w1 r =1 if in the labor force	Categ
1	S1INLBRF	slinlbrf:w1 s =1 if in the labor force	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1INLBRF	73104	0.49	0.50	0.00	1.00
S1INLBRF	56485	0.56	0.50	0.00	1.00

Categorical Variable Codes

Value-----	R1INLBRF
.d:DK	74
.m:Missing	178
.r:Refuse	52
0.no	37304
1.yes	35800

Value-----	S1INLBRF
.d:DK	1
.m:Missing	331
.r:Refuse	2
.u:Unmar	16589
0.no	24621
1.yes	31864

How Constructed

RwINLBRF is an indicator for whether the respondent is part of the labor force. This definition includes those who are working and those who are not working but actively seeking work as part of the labor force. This variable is derived using RwLBRF_L.

A value of 1 is assigned if the respondent is defined as being employed, non-agricultural self-employed, agricultural work, or unemployed and looking for job using RwLBRF_L, indicating that the respondent is in the labor force. A value of 0 is assigned if the respondent is defined as being disabled, homemaker, other, or never worked using RwLBRF_L, indicating that the respondent is not in the labor force. Don't know, refused, or other missing responses of RwINLBRF are assigned special missing codes .d, .r, or .m, respectively. RwINLBRF is set to plain missing (.) for respondents who did not respond to the current wave.

SwINLBRF indicates whether the respondent's spouse is in the labor force. SwINLBRF uses the information provided by the spouse about themselves if the spouse was also a respondent but if the spouse was not a respondent they use information the respondent provided about the spouse. In addition to the special missing codes employed by RwINLBRF, SwINLBRF employs an additional special missing code, .u. 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.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS includes unpaid workers that are actively looking for a job in the last four weeks as unemployed.

The Harmonized LASI classifies a respondent as unemployed if they are not currently working and are unemployed and looking for a job.

LASI Variables Used

Wave 1 Core:	
FS103_1	Spouse employment
WE001	Work for minimum 3 months during life time
WE005	Reason to stop working
WE016_MAINJOB	Checkpoint at WE016
WE201	Currently looking for another job- job search

Whether Unemployed		
Wave	Variable	Label
		Type
1	R1UNEMP	rlunemp:w1 r =1 if unemployed
		Categ
1	S1UNEMP	slunemp:w1 s =1 if unemployed
		Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1UNEMP	35800	0.01	0.12	0.00	1.00
S1UNEMP	37123	0.12	0.32	0.00	1.00

Categorical Variable Codes

Value-----	R1UNEMP
.d:DK	74
.m:Missing	178
.r:Refuse	52
.x:Not in the labor force	37304
0.no	35269
1.yes	531
Value-----	S1UNEMP
.d:DK	1
.m:Missing	331
.r:Refuse	2
.u:Unmar	16589
.x:Not in the labor force	19362
0.no	32731
1.yes	4392

How Constructed

RwUNEMP is an indicator for whether or not the respondent is unemployed. This definition considers those who are not working but actively seeking work as unemployed. This variable is derived using RwLBRF_L and RwINLBRF.

If a respondent has a labor force status of employed, non-agricultural self-employed, or agricultural work, as determined by RwLBRF_L, then a value of 0 is assigned to RwUNEMP. If a respondent has a labor force status of unemployed and looking for job, as determined by RwLBRF_L, then a value of 1 is assigned to RwUNEMP. Special missing .x (not in the labor force) is assigned if the respondent is either disabled, a homemaker, has an 'other' employment status, or has never worked, as determined by RwLBRF_L. Don't know, refused, or other missing responses of RwUNEMP are assigned special missing codes .d, .r, or .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. SwUNEMP uses the information provided by the spouse about themselves if the spouse was also a respondent but if the spouse was not a respondent they use information the respondent provided about the spouse. In addition to the special missing values used in RwUNEMP, SwUNEMP employs an additional special missing code, .u. A special missing value .u is used when the respondent does not report being coupled in the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS includes unpaid workers that are actively looking for a job in the last four weeks as unemployed. The Harmonized LASI classifies a respondent as unemployed if they are not currently working and are unemployed and looking for a job.

LASI Variables Used

Wave 1 Core:	
FS103_1	Spouse employment
WE001	Work for minimum 3 months during life time
WE005	Reason to stop working
WE016_MAINJOB	Checkpoint at WE016
WE201	Currently looking for another job- job search

Hours of Work per Week at Current Job
--

Wave	Variable	Label	Type
1	R1JHOURS	rljhours:w1 r hours worked/week main job	Cont
1	S1JHOURS	sljhours:w1 s hours worked/week main job	Cont
1	R1JHOUR2	rljhour2:w1 r hours worked/week 2nd job	Cont
1	S1JHOUR2	sljhour2:w1 s hours worked/week 2nd job	Cont
1	R1JHOURTOT	rljhourtot:w1 r total hours worked/week	Cont
1	S1JHOURTOT	sljhourtot:w1 s total hours worked/week	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JHOURS	35260	38.13	20.22	0.00	168.00
S1JHOURS	26937	38.55	20.27	0.00	168.00
R1JHOUR2	4127	21.54	17.37	0.00	153.00
S1JHOUR2	3379	21.59	17.09	0.00	153.00
R1JHOURTOT	35262	40.65	23.05	0.00	293.00
S1JHOURTOT	26939	41.25	23.23	0.00	293.00

How Constructed

RwJHOURS is the number of hours that the respondent works per week for their main job on average. Special missing .w is assigned if the respondent is not currently working or has never worked (RwWORKA=0). Don't know, refused, or other missing responses of RwJHOURS are assigned special missing codes .d, .r, or .m respectively. RwJHOURS is set to plain missing (.) for respondents who did not respond to this wave.

RwJHOUR2 is the number of hours that the respondent works per week for their side job on average. Special missing .w is assigned if the respondent does not work a second job, is not currently working, or has never worked (RwWORK2=0). Don't know, refused, or other missing responses of RwJHOUR2 are assigned special missing codes .d, .r, or .m respectively. RwJHOUR2 is set to plain missing (.) for respondents who did not respond to this wave.

RwJHOURTOT is the number of total hours that the respondent works per week on average. RwJHOURTOT sums the number of hours that the respondent works per week for their main job on average and the number of hours that the respondent works for their side job on average, and as such, the total number of hours may exceed 168. RwJHOURTOT is calculated as long as there is a value for at least one of the components. Special missing .w is assigned if the respondent is not currently working or has never worked (RwWORKA=0). Don't know, refused, or other missing responses of RwJHOURTOT are assigned special missing codes .d, .r, or .m respectively. RwJHOURTOT is set to plain missing (.) for respondents who did not respond to this wave.

SwJHOURS is the number of hours per week the respondent's spouse in the current wave works at their main job on average. It is taken from the spouse's values RwJHOURS. SwJHOUR2 is the number of hours per week the respondent's spouse in the current wave works at their side job on average. It is taken from the spouse's values RwJHOUR2. SwJHOURTOT is the total number of hours the respondent's spouse works per week on average. It is taken from the spouse's values to RwJHOURTOT. In addition to the special missing codes employed by RwJHOURS, RwJHOUR2, and RwJHOURTOT, SwJHOURS, SwJHOUR2, and SwJHOURTOT use 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwJHOURS and RwJHOUR2 in the Harmonized LASI include the number of hours the respondent works per week whether or not they are paid for their work. These variables in the RAND HRS include the number of hours the respondent works per week at a paid job. There is no comparable variable for RwJHOURTOT in the RAND HRS or Harmonized HRS, but a comparable variable could be created.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE018	Main Job_hrs
WE019	Side Job_hrs

Weeks Worked per Year at Main Job

Wave	Variable	Label	Type
1	R1JWEEKS_L	r1jweeks_l:w1 r weeks worked/year main job	Cont
1	S1JWEEKS_L	sljweeks_l:w1 s weeks worked/year main job	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JWEEKS_L	35301	38.99	13.61	0.00	52.00
S1JWEEKS_L	26968	39.22	13.42	0.00	52.00

How Constructed

RwJWEEKS_L is the number of weeks the respondent works per year at their main job.

Respondents currently working are asked about the number of months per year worked at their main job. RwJWEEKS_L is the weekly equivalent of the number of months worked per year. It is obtained by multiplying the number of reported months by 4.3333. RwJWEEKS_L is set to a .w missing code if the respondent is not currently working or has never worked (RwWORKA=0). Don't know, refuse, and other missing responses are set to .d, .r, or .m, respectively. Responses are set to blank missing (.) when the respondent did not participate in the current wave.

SwJWEEKS_L is the number of weeks the respondent's spouse works per year at their main job. Their values are taken from the spouse's RwJWEEKS_L. In addition to the special missing codes employed by RwJWEEKS_L, SwJWEEKS_L uses 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, the LASI does not elicit the number of weeks worked per year but the number of months. RwJWEEKS_L is derived by multiplying the reported number of months by 4.3333.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE026	Total number of work months

Wage Rate

Wave	Variable	Label	Type
1	R1WGIWK	rlwgiwk:w1 r wage rate-wkly main job	Cont
1	S1WGIWK	slwgiwk:w1 s wage rate-wkly main job	Cont
1	R1FWGIWK	rlfwgiwk:w1 r impflag:wage rate-wkly main job	Categ
1	S1FWGIWK	slfwgiwk:w1 s impflag:wage rate-wkly main job	Categ
1	R1WGIWK2	rlwgiwk2:w1 r wage rate-wkly 2nd job	Cont
1	S1WGIWK2	slwgiwk2:w1 s wage rate-wkly 2nd job	Cont
1	R1FWGIWK2	rlfwgiwk2:w1 r impflag:wage rate-wkly 2nd job	Categ
1	S1FWGIWK2	slfwgiwk2:w1 s impflag:wage rate-wkly 2nd job	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WGIWK	73408	925.47	2447.99	0.00	300000.00
S1WGIWK	50152	1067.67	2534.55	0.00	300000.00
R1FWGIWK	73408	3.63	2.49	1.00	8.00
S1FWGIWK	50152	3.35	2.49	1.00	8.00
R1WGIWK2	73408	48.80	445.63	0.00	34615.65
S1WGIWK2	50152	60.70	515.96	0.00	34615.65
R1FWGIWK2	73408	5.72	1.15	1.00	8.00
S1FWGIWK2	50152	5.67	1.25	1.00	8.00

Categorical Variable Codes

Value-----	R1FWGIWK
1.continuous value	34607
5.no value/bracket	857
6.no receipt	37840
7.dk receipt	83
8.module not answered	21
Value-----	S1FWGIWK
.u:Unmar	16594
.v:SP NR	6662
1.continuous value	26443
5.no value/bracket	637
6.no receipt	23002
7.dk receipt	58
8.module not answered	12
Value-----	R1FWGIWK2
1.continuous value	4081
5.no value/bracket	59
6.no receipt	69090

7.dk receipt		148
8.module not answered		30
Value-----		S1FWGIWK2
.u:Unmar		16594
.v:SP NR		6662
1.continuous value		3347
5.no value/bracket		43
6.no receipt		46645
7.dk receipt		100
8.module not answered		17

How Constructed

RwWGIWK is the respondent's weekly wage rate for their main job, and RwWGIWK2 is their weekly wage rate for their side job. Both variables include imputations for missing values. Refer to the section "Missing Values, Nonresponse, and Imputations" earlier in this document for more details.

If the respondent reports working at the time of the interview, they are asked for their typical earnings. The rate of pay can be reported for various periods (e.g., per day, per week, per month, or per year). Weekly wage rates (RwWGIWK and RwWGIWK2) are calculated using the usual hours worked per week and pay rate, and are adjusted appropriately for the periodicity of pay reported. These variables are expressed in pre-tax amounts and are expressed in nominal rupees. RwWGIWK and RwWGIWK2 are set to plain missing (.) if the respondent did not participate in the current wave.

RwFWGIWK and RwFWGIWK2 are flags indicating the highest level of imputation of the components of RwWGIWK and RwWGIWK2, respectively. A code of 1 indicates the respondent reported continuous values for all components and no imputation was necessary. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is 0. A code of 7 indicates that the ownership of the components is not known. A code of 8 indicates that the respondent did not answer the entire module.

SwWGIWK and SwWGIWK2 are the weekly wage rate for the respondent’s spouse's main job and side job, respectively. SwFWGIWK and SwFWGIWK2 are the imputation flags for the respondent's spouse's values of RwFWGIWK and RwFWGIWK2, 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.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Individual earnings in LASI are expressed as nominal rupees whereas the equivalent measure in RAND HRS is nominal dollars. Therefore, conversion to a common currency is necessary before comparison of these data.

While the RAND HRS imputes the wage rate for unemployed respondents using the wage rate of the most recent job, if available, it does not impute the wage rate for employed respondents. The Harmonized LASI provides imputed values for the wage rate of employed respondents, but does not impute the wage rate for unemployed respondents.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE017	Number of side jobs
WE020_I	
WE020_I_F	
WE021_I	
WE021_I_F	

Current Job Requires Lots of Physical Effort

Wave	Variable	Label	Type
1	R1JPHYS	rljphys:wl r cur job req lots phys effort	Categ
1	S1JPHYS	sljphys:wl s cur job req lots phys effort	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JPHYS	35292	2.07	0.99	1.00	4.00
S1JPHYS	26985	2.05	0.98	1.00	4.00

Categorical Variable Codes

Value-----	R1JPHYS
.d:DK	27
.m:Missing	159
.r:Refuse	9
.w:not working	37921
1.all or almost all of the time	12816
2.most of the time	10242
3.sometimes	9036
4.none of the time or almost never	3198

Value-----	S1JPHYS
.d:DK	19
.m:Missing	85
.r:Refuse	6
.u:Unmar	16594
.v:SP NR	6662
.w:not working	23057
1.all or almost all of the time	10001
2.most of the time	7876
3.sometimes	6759
4.none of the time or almost never	2349

How Constructed

RwJPHYS indicates the extent to which the respondent says his/her job involves physical effort. RwJPHYS is coded as follows: 1.all or almost all of the time, 2.most of the time, 3.sometimes, or 4.none of the time or almost never. Don’t know, refused, or other missing responses of RwJPHYS are assigned special missing codes .d, .r, or .m, respectively. If the respondent is not working, it is set to a .w missing code using RwwORKA. RwJPHYS is assigned blank missing (.) if the respondent did not participate in the current wave.

SwJPHYS indicates the respondent’s spouse’s occupation's level of physical effort. It is taken from the spouse's values of RwJPHYS. In addition to the special missing codes employed by RwJPHYS, SwJPHYS 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in Wave 9, RwJPHYS in the RAND HRS is assigned a code of 5 if the respondent reports that the question does not apply. This answer code is not used in RwJPHYS in the Harmonized LASI.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE028A	Thinking of main job, job requires-Lot of physic

Current Job Requires Lifting Heavy Loads

Wave	Variable	Label	Type
1	R1JLIFT	rljlift:wl r cur job req lift heavy loads	Categ
1	S1JLIFT	sljlift:wl s cur job req lift heavy loads	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JLIFT	35292	2.52	1.01	1.00	4.00
S1JLIFT	26985	2.50	1.01	1.00	4.00

Categorical Variable Codes

Value-----	R1JLIFT
.d:DK	27
.m:Missing	159
.r:Refuse	9
.w:not working	37921
1.all or almost all of the time	7296
2.most of the time	8509
3.sometimes	13158
4.none of the time or almost never	6329

Value-----	S1JLIFT
.d:DK	19
.m:Missing	85
.r:Refuse	6
.u:Unmar	16594
.v:SP NR	6662
.w:not working	23057
1.all or almost all of the time	5722
2.most of the time	6615
3.sometimes	9999
4.none of the time or almost never	4649

How Constructed

RwJLIFT indicates the extent to which the respondent says his/her job involves lifting heavy loads. RwJLIFT is coded as follows: 1.all or almost all of the time, 2.most of the time, 3.sometimes, or 4.none of the time or almost never. Don’t know, refused, or other missing responses of RwJLIFT are assigned special missing codes .d, .r, or .m, respectively. If the respondent is not working, it is set to a .w missing code using RwWORKA. RwJLIFT is assigned blank missing (.) if the respondent did not participate in the current wave.

SwJLIFT indicates the extent to which the respondent’s spouse’s occupation's job involves lifting heavy loads. It is taken from the spouse's values of RwJLIFT. In addition to the special missing codes employed by RwJLIFT, SwJLIFT 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in Wave 9, RwJLIFT in the RAND HRS is assigned a code of 5 if the respondent reports that the question does not apply. This answer code is not used in RwJLIFT in the Harmonized LASI.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE028B	Thinking of main job, job requires-Lifting heavy

Current Job Requires Stooping, Kneeling, or Crouching

Wave	Variable	Label	Type
1	R1JSTOOP	rljstoop:w1 r cur job req stoop/kneel/crouch	Categ
1	S1JSTOOP	sljstoop:w1 s cur job req stoop/kneel/crouch	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JSTOOP	35292	2.21	1.02	1.00	4.00
S1JSTOOP	26985	2.20	1.02	1.00	4.00

Categorical Variable Codes

Value-----	R1JSTOOP
.d:DK	27
.m:Missing	159
.r:Refuse	9
.w:not working	37921
1.all or almost all of the time	11182
2.most of the time	9950
3.sometimes	9800
4.none of the time or almost never	4360

Value-----	S1JSTOOP
.d:DK	19
.m:Missing	85
.r:Refuse	6
.u:Unmar	16594
.v:SP NR	6662
.w:not working	23057
1.all or almost all of the time	8604
2.most of the time	7607
3.sometimes	7509
4.none of the time or almost never	3265

How Constructed

RwJSTOOP indicates the extent to which the respondent says his/her job involves stooping, kneeling, or crouching. RwJSTOOP is coded as follows: 1.all or almost all of the time, 2.most of the time, 3.sometimes, or 4.none of the time or almost never. Don't know, refused, or other missing responses of RwJSTOOP are assigned special missing codes .d, .r, or .m, respectively. If the respondent is not working, it is set to a .w missing code using RwWORKA. RwJSTOOP is assigned blank missing (.) if the respondent did not participate in the current wave.

SwJSTOOP indicates the extent to which the respondent's spouse's occupation's job involves stooping, kneeling, or crouching. It is taken from the spouse's values of RwJSTOOP. In addition to the special missing codes employed by RwJSTOOP, SwJSTOOP 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in Wave 9, RwJSTOOP in the RAND HRS is assigned a code of 5 if the respondent reports that the question does not apply. This answer code is not used in RwJSTOOP in the Harmonized LASI.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE028C	Thinking of main job, job requires-Stooping, kne

Current Job Requires Good Eyesight

Wave	Variable	Label	Type
1	R1JSIGHT	rljsight:w1 r cur job req good eyesight	Categ
1	S1JSIGHT	sljsight:w1 s cur job req good eyesight	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JSIGHT	35292	1.84	0.94	1.00	4.00
S1JSIGHT	26985	1.82	0.93	1.00	4.00

Categorical Variable Codes

Value-----	R1JSIGHT
.d:DK	27
.m:Missing	159
.r:Refuse	9
.w:not working	37921
1.all or almost all of the time	16838
2.most of the time	9417
3.sometimes	7050
4.none of the time or almost never	1987

Value-----	S1JSIGHT
.d:DK	19
.m:Missing	85
.r:Refuse	6
.u:Unmar	16594
.v:SP NR	6662
.w:not working	23057
1.all or almost all of the time	13082
2.most of the time	7151
3.sometimes	5282
4.none of the time or almost never	1470

How Constructed

RwJSIGHT indicates the extent to which the respondent says his/her job involves good eyesight. RwJSIGHT is coded as follows: 1.all or almost all of the time, 2.most of the time, 3.sometimes, or 4.none of the time or almost never. Don’t know, refused, or other missing responses of RwJSIGHT are assigned special missing codes .d, .r, or .m, respectively. If the respondent is not working, it is set to a .w missing code using RwWORKA. RwJSIGHT is assigned blank missing (.) if the respondent did not participate in the current wave.

SwJSIGHT indicates the extent to which the respondent’s spouse’s occupation's job involves good eyesight. It is taken from the spouse's values of RwJSIGHT. In addition to the special missing codes employed by RwJSIGHT, SwJSIGHT 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in Wave 9, RwJSIGHT in the RAND HRS is assigned a code of 5 if the respondent reports that the question does not apply. This answer code is not used in RwJSIGHT in the Harmonized LASI.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE028D	Thinking of main job, job requires-Good eyesight

Current Job Characteristics: Concentration, Contact with Others, Pollution

Wave	Variable	Label	Type
1	R1JCONCNTRB	rljconcntrb:w1 r freq cur job concentration	Categ
1	S1JCONCNTRB	sljconcntrb:w1 s freq cur job concentration	Categ
1	R1JDEALPPLB	rljdealpplb:w1 r freq cur job dealing with people	Categ
1	S1JDEALPPLB	sljdealpplb:w1 s freq cur job dealing with people	Categ
1	R1JSMOKA	rljsmoka:w1 r freq cur job around burning material/exhaust/s	Categ
1	S1JSMOKA	sljsmoka:w1 s freq cur job around burning material/exhaust/s	Categ
1	R1JCHEMA	rljchema:w1 r freq cur job close to chemicals/pesticides/her	Categ
1	S1JCHEMA	sljchema:w1 s freq cur job close to chemicals/pesticides/her	Categ
1	R1JODORA	rljodora:w1 r freq cur job close to noxious odor	Categ
1	S1JODORA	sljodora:w1 s freq cur job close to noxious odor	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JCONCNTRB	35292	1.86	0.97	1.00	4.00
S1JCONCNTRB	26985	1.85	0.96	1.00	4.00
R1JDEALPPLB	35292	2.13	1.10	1.00	4.00
S1JDEALPPLB	26985	2.11	1.10	1.00	4.00
R1JSMOKA	35292	3.58	0.76	1.00	4.00
S1JSMOKA	26985	3.57	0.76	1.00	4.00
R1JCHEMA	35291	3.57	0.70	1.00	4.00
S1JCHEMA	26984	3.56	0.71	1.00	4.00
R1JODORA	35291	3.65	0.68	1.00	4.00
S1JODORA	26984	3.64	0.68	1.00	4.00

Categorical Variable Codes

Value-----	R1JCONCNTRB
.d:DK	27
.m:Missing	159
.r:Refuse	9
.w:not working	37921
1.all or almost all of the time	16764
2.most of the time	9073
3.sometimes	6949
4.none of the time or almost never	2506
Value-----	S1JCONCNTRB

.d:DK		19
.m:Missing		85
.r:Refuse		6
.u:Unmar		16594
.v:SP NR		6662
.w:not working		23057
1.all or almost all of the time		13048
2.most of the time		6882
3.sometimes		5226
4.none of the time or almost never		1829

Value-----		R1JDEALPPLB
.d:DK		27
.m:Missing		159
.r:Refuse		9
.w:not working		37921
1.all or almost all of the time		14170
2.most of the time		7562
3.sometimes		8313
4.none of the time or almost never		5247

Value-----		S1JDEALPPLB
.d:DK		19
.m:Missing		85
.r:Refuse		6
.u:Unmar		16594
.v:SP NR		6662
.w:not working		23057
1.all or almost all of the time		11029
2.most of the time		5790
3.sometimes		6316
4.none of the time or almost never		3850

Value-----		R1JSMOKA
.d:DK		27
.m:Missing		159
.r:Refuse		9
.w:not working		37921
1.all or almost all of the time		1374
2.most of the time		1709
3.sometimes		7393
4.none of the time or almost never		24816

Value-----		S1JSMOKA
.d:DK		19
.m:Missing		85
.r:Refuse		6
.u:Unmar		16594
.v:SP NR		6662
.w:not working		23057
1.all or almost all of the time		1078
2.most of the time		1314
3.sometimes		5818
4.none of the time or almost never		18775

Value-----		R1JCHEMA
.d:DK		28
.m:Missing		159
.r:Refuse		9
.w:not working		37921
1.all or almost all of the time		916
2.most of the time		1601
3.sometimes		9189
4.none of the time or almost never		23585

Value-----		S1JCHEMA
.d:DK		20
.m:Missing		85
.r:Refuse		6
.u:Unmar		16594
.v:SP NR		6662

.w:not working		23057
1.all or almost all of the time		733
2.most of the time		1257
3.sometimes		7251
4.none of the time or almost never		17743

Value-----		R1JODORA
.d:DK		28
.m:Missing		159
.r:Refuse		9
.w:not working		37921
1.all or almost all of the time		926
2.most of the time		1323
3.sometimes		6875
4.none of the time or almost never		26167

Value-----		S1JODORA
.d:DK		20
.m:Missing		85
.r:Refuse		6
.u:Unmar		16594
.v:SP NR		6662
.w:not working		23057
1.all or almost all of the time		723
2.most of the time		1021
3.sometimes		5413
4.none of the time or almost never		19827

How Constructed

Variables in this section indicate how often the respondent feels specific statements are true about their job. These questions were asked only to respondents who are currently working.

RwJCONCNTRB indicates how frequently the respondent's job requires intense concentration or attention. RwJDEALPPLB indicates how frequently the respondent's job requires skill in dealing with other people. RwJSMOKA indicates how frequently the respondent's job requires being around burning material, exhaust or smoke, not including car exhaust. RwJCHEMA indicates how frequently the respondent's job requires being close to chemicals, pesticides, or herbicides. RwJODORA indicates how frequently the respondent's job requires being close to noxious odor. These variables are coded as follows: 1.all or almost all of the time, 2.most of the time, 3.sometimes, or 4.none of the time or almost never. If respondents are not working, responses are set to special missing code .w using RwWORKA. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwJCONCNTRB, RwJDEALPPLB, RwJSMOKA, RwJCHEMA, and RwJODORA are set to plain missing (.) for respondents who did not respond to the current wave.

SwJCONCNTRB, SwJDEALPPLB, SwJSMOKA, SwJCHEMA, and SwJODORA indicate how often the respondent's current spouse feels specific statements are true about their job, and are taken from RwJCONCNTRB, RwJDEALPPLB, RwJSMOKA, RwJCHEMA, and RwJODORA, respectively. In addition to the special missing codes used in the respondent variables, the spouse variables employ two other 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 his/her spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in Wave 9, RwJCONCNTRB and RwJDEALPPLB in the Harmonized HRS are assigned a special missing code if the respondent reports that the question does not apply. This special missing code is not used in RwJCONCNTRB and RwJDEALPPLB in the Harmonized LASI.

The questions on whether the respondent's job involves being around burning material/exhaust/smoke, being close to chemicals/pesticides/herbicides, and being close to noxious odors are LASI-specific. The HRS

asks an additional question on how frequently the respondent's job requires working with computers, which is available as RwJCOMPUTB in the Harmonized HRS.

LASI Variables Used

Wave 1 Core:

WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE028E	Thinking of main job, job requires-Intense conce
WE028F	Thinking of main job, job requires-Skill in deal
WE028G	Thinking of main job, job requires-Being around
WE028H	Thinking of main job, job requires-Close to chem
WE028I	Thinking of main job, job requires-Being close t

Whether Employed by Government

Wave	Variable	Label	Type
1	R1JGOVTEMP	rljgovtemp:w1 r employed by government sector	Categ
1	S1JGOVTEMP	sljgovtemp:w1 s employed by government sector	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JGOVTEMP	9851	0.31	0.46	0.00	1.00
S1JGOVTEMP	7274	0.32	0.47	0.00	1.00

Categorical Variable Codes

Value-----	R1JGOVTEMP
.d:DK	73
.m:Missing	139
.n:not wage worker	25510
.r:Refuse	38
.w:not working	37797
0.no	6825
1.yes	3026

Value-----	S1JGOVTEMP
.d:DK	47
.m:Missing	88
.n:not wage worker	19744
.r:Refuse	28
.u:Unmar	16594
.v:SP NR	6662
.w:not working	22971
0.no	4960
1.yes	2314

How Constructed

RwJGOVTEMP indicates whether the respondent is employed by the government sector. If the respondent is a wage/salary worker, then they are asked what type of employer they work for. RwJGOVTEMP is coded as 0 if the respondent works for the private sector/organization/entrepreneur, cooperatives, NGO/trust, individual household, or other employer. RwJGOVTEMP is coded as 1 if the respondent works for the government sector. RwJGOVTEMP is assigned special missing .w if the respondent is not working using RwwORKA. RwJGOVTEMP is assigned special missing .n if they report their main job being farm/fishery/forestry (own/family), agricultural laborer, non-agricultural business owner, own account worker, or paid family worker. Don't know, refused, or other missing responses are assigned special missing values .d, .r, or .m, respectively. RwJGOVTEMP is set to plain missing (.) for respondents who did not respond to the current wave.

SwJGOVTEMP indicates whether the respondent's current wave's spouse is employed by the government sector, and its values are taken from RwJGOVTEMP. In addition to the special missing codes used in RwJGOVTEMP, SwJGOVTEMP employs two other 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 his/her spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwJGOVTEMP in the Harmonized HRS is based on a direct question asking the respondent whether they are employed by the government at the federal, state, or local level. In the LASI, the respondent is asked what type of employer they work for, and the government sector is one of the options. Despite this difference, RwJGOVTEMP has been constructed to be as comparable as possible between the Harmonized HRS and the Harmonized LASI.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE016_MAINJOB	Checkpoint at WE016
WE101	Type of employer worked for

Whether Supervises Others

Wave	Variable	Label	Type
1	R1JSPRVS	r1jsprvs:w1 whether r supervises others	Categ
1	S1JSPRVS	sljsprvs:w1 whether s supervises others	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JSPRVS	9615	0.15	0.36	0.00	1.00
S1JSPRVS	7090	0.16	0.37	0.00	1.00

Categorical Variable Codes

Value-----	R1JSPRVS
.d:DK	104
.m:Missing	338
.n:not wage worker	25510
.r:Refuse	41
.w:not working	37800
0.no	8177
1.yes	1438

Value-----	S1JSPRVS
.d:DK	72
.m:Missing	242
.n:not wage worker	19744
.r:Refuse	30
.u:Unmar	16594
.v:SP NR	6662
.w:not working	22974
0.no	5951
1.yes	1139

How Constructed

RwJSPRVS indicates whether the respondent supervises others on their job. If the respondent is a wage/salary worker, then they are asked how many other people they supervise on their job. RwJSPRVS is coded as 0 if the respondent does not supervise any other people. RwJSPRVS is coded as 1 if the respondent supervises at least 1 other person. RwJSPRVS is assigned special missing .w if the respondent is not working using RwWORKA. RwJSPRVS is assigned special missing .n if they report their main job being farm/fishery/forestry (own/family), agricultural laborer, non-agricultural business owner, own account worker, or paid family worker. Don't know, refused, or other missing responses are assigned special missing values .d, .r, or .m, respectively. RwJSPRVS is set to plain missing (.) for respondents who did not respond to the current wave.

SwJSPRVS indicates whether the respondent's current wave's spouse supervises other on their job, and its values are taken from RwJSPRVS. In addition to the special missing codes used in RwJSPRVS, SwJSPRVS employs two other 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 his/her spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS does not ask directly whether the respondent supervises other at their job, so RwJSPRVS is not available in the RAND HRS or Harmonized HRS.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE016_MAINJOB	Checkpoint at WE016
WE110	Number of pepole under supervision

Years of Tenure on Current Main Job

Wave	Variable	Label	Type
1	R1JCTEN	rljcten:wl r current job tenure	Cont
1	S1JCTEN	sljcten:wl s current job tenure	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JCTEN	34942	27.64	14.60	0.00	86.00
S1JCTEN	26703	27.63	14.20	0.00	86.00

How Constructed

RwJCTEN is the respondent's years of tenure for their current job. A respondent can report the total number of years of tenure at their current job and they can also report that total in months, which is converted into years. If the respondent reported a total number of years greater than or equal to their age, RwJCTEN is assigned special missing .i. Don't know, refused, or other missing responses of RwJCTEN are assigned special missing codes .d, .r, or .m respectively. Special missing value .w is used when the respondent is not working using RwWORKA. RwJCTEN is set to plain missing (.) if the respondent did not participate in the current wave.

SwJCTEN is the respondent's spouse's years of tenure for their current job. SwJCTEN is taken from the spouse's values to RwJCTEN. In addition to the special missing values employed by RwJCTEN, SwJCTEN uses 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the RAND HRS, RwJCTEN in Harmonized LASI is not calculated using the current job start year and current interview date. The respondent is just asked to report how long they've been working at their current main job.

LASI Variables Used

Wave 1 Core:	
DM005	Age at last birthday
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE024_MONTH	Duration of work in main job_in month
WE024_YEAR	Duration of work in main job_in years

Occupation Code for Current Main Job

Wave	Variable	Label	Type
1	R1JCOCC_L	r1jcocc_l:w1 r current job occupation	Categ
1	S1JCOCC_L	s1jcocc_l:w1 s current job occupation	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JCOCC_L	35315	6.94	2.20	1.00	11.00
S1JCOCC_L	26980	6.90	2.19	1.00	11.00

Categorical Variable Codes

Value-----	R1JCOCC_L
.d:DK	63
.m:Missing	66
.r:Refuse	43
.w:not working	37921
1.legislators, senior officials and mana	236
2.professionals	1371
3.technicians and associate professional	553
4.clerks	668
5.service workers and shop and market sa	3491
6.skilled agricultural and fishery worke	14588
7.craft and related trade workers	1294
8.plant and machine operators and assemb	897
9.elementary occupations	7088
10.workers not classified anywhere	3821
11.other	1308

Value-----	S1JCOCC_L
.d:DK	45
.m:Missing	38
.r:Refuse	32
.u:Unmar	16594
.v:SP NR	6662
.w:not working	23057
1.legislators, senior officials and mana	187
2.professionals	1054
3.technicians and associate professional	430
4.clerks	523
5.service workers and shop and market sa	2671
6.skilled agricultural and fishery worke	11326
7.craft and related trade workers	967
8.plant and machine operators and assemb	748
9.elementary occupations	5295
10.workers not classified anywhere	2798
11.other	981

How Constructed

RwJCOCC_L is the respondent's occupation code for their current main job. RwJCOCC_L is coded as follows: 1.legislators, senior officials and managers, 2.professionals, 3.technicians and associate professionals, 4.clerks, 5.service works and shop and market sales workers, 6.skilled agricultural and fishery workers, 7.craft and related trade workers, 8.plant and machine operators and assemblers, 9.elementary occupations, 10.workers not classified anywhere, or 11.other. Don’t know, refused, or other missing responses of RwJCOCC_L are assigned special missing codes .d, .r, or .m, respectively. Special missing value .w is used when the respondent is not working using RwWORKA. RwJCOCC_L is set to plain missing (.) if the respondent did not participate in the current wave.

SwJCOCC_L indicates the respondent’s spouse’s occupation code. It is taken from the spouse's values to RwJCOCC_L in the current wave. In addition to the special missing codes employed by RwJCOCC_L, SwJCOCC_L 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwJCOCC_L in LASI is based on a very different set of occupation codes than RwJCOCC in the RAND HRS. The RAND HRS uses 2000 and 2010 Census occupations, while LASI does not.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE027_MAIN	Type of occupation

Industry Code for Current Main Job

Wave	Variable	Label	Type
1	R1JCIND_L	rljcind_l:w1 r current job industry	Categ
1	S1JCIND_L	sljcind_l:w1 s current job industry	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JCIND_L	35336	5.36	6.24	1.00	22.00
S1JCIND_L	26990	5.23	6.11	1.00	22.00

Categorical Variable Codes

Value-----	R1JCIND_L
.d:DK	51
.m:Missing	58
.r:Refuse	41
.w:not working	37922
1.agriculture, forestry, and fishing	19310
2.mining and quarrying	412
3.manufacturing	1569
4.electricity, gas, steam, or air condit	292
5.water supply: sewage, waste management	290
6.construction	1872
7.wholesale and retail trade	3073
8.transportation and storage	939
9.accommodation and food service activit	922
10.information and communication	179
11.financial and insurance activities	188
12.real estate activities	142
13.professional, scientific, and technic	406
14.administrative and support service ac	580
15.public administration and defense; co	364
16.education	1063
17.human health and social work activiti	525
18.art, entertainment, and recreation	357
19.other service activities	1546
20.activities of households as employers	766
21.activities of extraterritorial organi	53
22.other	488

Value-----	S1JCIND_L
.d:DK	38
.m:Missing	36
.r:Refuse	30
.u:Unmar	16594
.v:SP NR	6662
.w:not working	23058
1.agriculture, forestry, and fishing	14886
2.mining and quarrying	330
3.manufacturing	1131
4.electricity, gas, steam, or air condit	238
5.water supply: sewage, waste management	216
6.construction	1469
7.wholesale and retail trade	2397
8.transportation and storage	827
9.accommodation and food service activit	612
10.information and communication	148
11.financial and insurance activities	155
12.real estate activities	110

13.professional, scientific, and technic	298
14.administrative and support service ac	445
15.public administration and defense; co	292
16.education	809
17.human health and social work activiti	357
18.art, entertainment, and recreation	271
19.other service activities	1111
20.activities of households as employers	491
21.activities of extraterritorial organi	38
22.other	359

How Constructed

RwJCIND_L is the respondent's industry code for their current main job. RwJCIND_L is coded as follows: 1.agriculture, forestry, and fishing, 2.mining and quarrying, 3.manufacturing, 4.electricity, gas, steam, or air conditioning supply, 5.water supply: sewage, waste management, and remediation activities, 6.construction, 7.wholesale and retail trade, 8.transportation and storage, 9.accommodation and food service activities, 10.information and communication, 11.financial and insurance activities, 12.real estate activities, 13.professional, scientific, and technical activities, 14.administrative and support service activities, 15.public administration and defense; compulsory social security, 16.education, 17.human health and social work activities, 18.art, entertainment, and recreation, 19.other service activities, 20.activities of households as employers: undifferentiated goods/services-producing activities of households for own use, 21.activities of extraterritorial organizations and bodies, or 22.other. Don't know, refused, or other missing responses of RwJCIND_L are assigned special missing codes .d, .r, or .m, respectively. Special missing value .w is used when the respondent is not working using RwwORKA. RwJCIND_L is set to plain missing (.) if the respondent did not participate in the current wave.

SwJCIND_L indicates the respondent's spouse's occupation code. It is taken from the spouse's values to RwJCIND_L in the current wave. In addition to the special missing codes employed by RwJCIND_L, SwJCIND_L 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RwJCIND_L in LASI is based on a very different set of occupation codes than RwJCIND in the RAND HRS. The RAND HRS uses 2002 and 2007 Census industries, while LASI does not.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE023	Kind of business or industry

Firm Size			
Wave	Variable	Label	Type
1	R1FSIZE	rlfsize:w1 r size of firm or business	Cont
1	S1FSIZE	slfsize:w1 s size of firm or business	Cont
1	R1FFSIZE	rlffsize:w1 r size of firm or business based on interval	Categ
1	S1FFSIZE	slffsize:w1 s size of firm or business based on interval	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1FSIZE	23795	16.77	98.32	1.00	2000.00
S1FSIZE	18398	15.91	93.49	1.00	2000.00
R1FFSIZE	23798	0.01	0.07	0.00	1.00
S1FFSIZE	18400	0.01	0.07	0.00	1.00

Categorical Variable Codes

Value-----	R1FFSIZE
.d:DK	112
.m:Missing	148
.r:Refuse	45
.s:skipped	11387
.w:not working	37918
0.no	23671
1.yes	127

Value-----	S1FFSIZE
.d:DK	71
.m:Missing	93
.r:Refuse	33
.s:skipped	8500
.u:Unmar	16594
.v:SP NR	6662
.w:not working	23055
0.no	18303
1.yes	97

How Constructed

RwFSIZE indicates how many people work in the respondent's place of business at their current main job.

If the respondent is self-employed and their main job is either as a farm or business owner, they are asked about how many employees they have excluding "those hired during busy seasons only, but include family workers if they are paid salaries/wages." For these respondents RwFSIZE is the reported number of employees + 1 to include the respondent, themselves. If the respondent's main job is a salaried/wage job, they are asked "how many people work at the location (office/work place) where you work?". For these respondents, RwFSIZE is the reported number of people at their work location. If the respondent reported that 0 people work at the location, then RwFSIZE is assigned a value of 1 for the respondent. For both questions, if the respondent doesn't give a direct answer to the size of their firm, they are asked if the number of people at their place of business is "less than 6, 6 and above but less than 10, 10 and above but less than 20, 20 and above, not known". These interval estimates are incorporated into RwFSIZE by assigning a firm size of 3 for "less than 6", 8 for "6 and above but less than 10", 15 for "10 and above but less than 20", and 20 for "20 and above". For those who are self-employed, a one is added to

the interval estimate to include the respondent, as is done if they provide a direct report of the number of employees. RwFFSIZE indicates whether or not RwFSIZE uses a respondent's interval estimates. If the respondent is not working, defined using RwwORKA, RwFSIZE and RwFFSIZE are assigned special missing .w. If the respondent is an agricultural laborer, own account worker, or paid family worker, and was not asked a question about how many people work in their work place, RwFSIZE and RwFFSIZE are assigned special missing .s. Don't know, refused, or other missing responses of RwFSIZE and RwFFSIZE are assigned special missing codes .d, .r, or .m, respectively.

SwFSIZE indicates the number of people working at the respondent's spouse's place of business. SwFFSIZE indicates whether or not SwFSIZE uses interval estimates. SwFSIZE and SwFFSIZE are taken from the spouse's values of RwFSIZE and RwFFSIZE in the current wave. In addition to the special missing codes employed by RwFSIZE and RwFFSIZE, SwFSIZE and SwFFSIZE 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In the HRS, self-employed respondents are asked to include themselves in the estimate of the number of employees at their business. In the LASI, self-employed respondents are asked how many employees they have, excluding those hired during busy seasons only but including family workers if they are paid salaries/wages. As such, RwFSIZE in the Harmonized LASI adds one to the count of employees for self-employed respondents, to include the respondent themselves. Further, RwFSIZE in the RAND HRS does not incorporate interval estimates into the estimate of the respondent's firm size but does include a flag to signal whether the firm size has been carried forward from a previous wave. RwFSIZE in the Harmonized LASI does incorporate interval estimates into the estimate of the respondent's firm size.

LASI Variables Used

Wave 1 Core:

WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE016_MAINJOB	Checkpoint at WE016
WE102	Number of people working at current workplace
WE103	Estimation of number of people working at curren
WE114	Number of employees
WE114A	Estimation of number of employees

Month and Year Last Job Ended

Wave	Variable	Label	Type
1	R1JLASTY	rljlasty:wl r year last worked	Cont
1	S1JLASTY	sljlasty:wl s year last worked	Cont
1	R1JLASTM	rljlastm:wl r month last worked	Cont
1	S1JLASTM	sljlastm:wl s month last worked	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JLASTY	17472	2006.25	11.23	1929.00	2021.00
S1JLASTY	10388	2006.96	10.79	1929.00	2021.00
R1JLASTM	15173	4.99	3.02	1.00	12.00
S1JLASTM	9186	5.06	3.03	1.00	12.00

How Constructed

RwJLASTM and RwJLASTY are the month and year, respectively, when the respondent last worked. This question is asked of those who report not currently working. Don’t know, refused, or other missing responses of RwJLASTM and RwJLASTY are assigned special missing codes .d, .r, or .m, respectively. If the respondent is currently working then RwJLASTM and RwJLASTY are set to a special .w missing code. If the respondent never worked then RwJLASTM and RwJLASTY are set to a special .n missing code. For RwJLASTY, special missing .i is applied if the respondent reports stopping work before or on their birth year. RwJLASTM and RwJLASTY are set to plain missing (.) for respondents who did not respond to this 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike in the RAND HRS, RwJLASTM and RwJLASTY in the Harmonized LASI do not use the months and years given for retirement, disability, unemployment, and temporary layoff to fill in missing job stop dates.

LASI Variables Used

Wave 1 Core:		
DM004_YEAR	Birth year	
DM005	Age at last birthday	
WE001	Work for minimum 3 months during life time	
WE004	Currently working	
WE301	Year of last work	
WE302	Month of last work	

Job Search: Looking for Work if Not Working

Wave	Variable	Label	Type
1	R1LOOKWRKPF	rllookwrkpf:w1 r looking for part-time or full-time job (if	Categ
1	S1LOOKWRKPF	sllookwrkpf:w1 s looking for part-time or full-time job (if	Categ
1	R1LOOKWRKSD	rllookwrksd:w1 r looking for same or different work (if not	Categ
1	S1LOOKWRKSD	sllookwrksd:w1 s looking for same or different work (if not	Categ
1	R1LOOKAREA	rllookarea:w1 r looking for job in area or move (if not work	Categ
1	S1LOOKAREA	sllookarea:w1 s looking for job in area or move (if not work	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LOOKWRKPF	312	2.19	0.74	1.00	3.00
S1LOOKWRKPF	222	2.16	0.76	1.00	3.00
R1LOOKWRKSD	312	2.13	0.83	1.00	3.00
S1LOOKWRKSD	222	2.09	0.83	1.00	3.00
R1LOOKAREA	312	1.63	0.90	1.00	3.00
S1LOOKAREA	222	1.62	0.90	1.00	3.00

Categorical Variable Codes

Value-----	R1LOOKWRKPF
.d:DK	16
.l:not looking for work	15547
.m:Missing	102
.n:never worked	21946
.r:Refuse	21
.w:working	35464
1.part-time work	62
2.full-time work	128
3.either	122
Value-----	S1LOOKWRKPF
.d:DK	9
.l:not looking for work	9042
.m:Missing	72
.n:never worked	13714
.r:Refuse	13
.u:Unmar	16594
.v:SP NR	6662
.w:working	27080
1.part-time work	48
2.full-time work	90
3.either	84
Value-----	R1LOOKWRKSD
.d:DK	5
.l:not looking for work	15547
.m:Missing	124
.n:never worked	21946

.r:Refuse		10
.w:working		35464
1.same as now		89
2.different		94
3.does not matter		129

Value-----		S1LOOKWRKSD
.d:DK		3
.l:not looking for work		9042
.m:Missing		89
.n:never worked		13714
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
.w:working		27080
1.same as now		66
2.different		69
3.does not matter		87

Value-----		R1LOOKAREA
.d:DK		5
.l:not looking for work		15547
.m:Missing		124
.n:never worked		21946
.r:Refuse		10
.w:working		35464
1.jobs in this area		205
2.jobs in other specific area		16
3.anywhere		91

Value-----		S1LOOKAREA
.d:DK		3
.l:not looking for work		9042
.m:Missing		89
.n:never worked		13714
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
.w:working		27080
1.jobs in this area		148
2.jobs in other specific area		11
3.anywhere		63

How Constructed

RwLOOKWRKPF indicates whether the respondent is looking for part-time or full-time work if the respondent is not working. RwLOOKWRKPF is coded as follows: 1.part-time work, 2.full-time work, or 3.either. Special missing .n is assigned if the respondent reports not having ever worked for at least 3 months in their lifetime. RwLOOKWRKPF is assigned special missing .w if the respondent is currently working or temporarily laid off, on sick leave, or in job training. RwLOOKWRKPF is assigned special missing .l if the respondent reports that they are not currently looking for a job and are not working. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwLOOKWRKPF is set to plain missing (.) for respondents who did not respond to the current wave.

SwLOOKWRKPF indicates whether the current wave's spouse is looking for part-time or full-time work if they are not working, and its values are taken from RwLOOKWRKPF. In addition to the special missing codes used in RwLOOKWRKPF, SwLOOKWRKPF employs two other 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 his/her spouse is not interviewed.

RwLOOKWRKSD indicates whether the respondent is looking for the same kind of work he/she did in the past or something different if the respondent is not working. RwLOOKWRKSD is coded as follows: 1.same as now, 2.different, or 3.does not matter. Special missing .n is assigned if the respondent reports not having ever worked for at least 3 months in their lifetime. RwLOOKWRKSD is assigned special missing .w if the respondent is currently working or temporarily laid off, on sick leave, or in job training. RwLOOKWRKSD is assigned special missing .l if the respondent reports that they are not currently looking for a job

and are not working. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwLOOKWRKSD is set to plain missing (.) for respondents who did not respond to the current wave.

SwLOOKWRKSD indicates whether the current wave's spouse is looking for the same kind of work he/she did before or something different if they are not working, and its values are taken from RwLOOKWRKSD. In addition to the special missing codes used in RwLOOKWRKSD, SwLOOKWRKSD employs two other 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 his/her spouse is not interviewed.

RwLOOKAREA indicates whether the respondent is looking for jobs in the same area or considering jobs that would require moving if the respondent is not working. RwLOOKAREA is coded as follows: 1.jobs in this area, 2.jobs in other specific area, or 3.anywhere. Special missing .n is assigned if the respondent reports not having ever worked for at least 3 months in their lifetime. RwLOOKAREA is assigned special missing .w if the respondent is currently working or temporarily laid off, on sick leave, or in job training. RwLOOKAREA is assigned special missing .l if the respondent reports that they are not currently looking for a job and are not working. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwLOOKAREA is set to plain missing (.) for respondents who did not respond to the current wave.

SwLOOKAREA indicates whether the current wave's spouse is looking for jobs in the same area or considering jobs that would require moving if they are not working, and its values are taken from RwLOOKAREA. In addition to the special missing codes used in RwLOOKAREA, SwLOOKAREA employs two other 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 his/her spouse is not interviewed.

Please refer to RwUNEMP to determine whether the respondent is unemployed and looking for work.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS asks job search questions separately to unemployed respondents looking for a job and to employed respondents who are looking for a new job. However, LASI does not make this distinction and asks the same job search questions to all respondents who reported ever having worked for at least 3 months in their lifetimes and who are currently looking for another job.

The HRS asks specifically whether the respondent was looking for work in the past four weeks if they are not currently working. LASI does not specify a timeline; it only asks whether respondents are currently looking for another job. Additionally, the HRS does not ask whether the respondent is looking for jobs in the same area or considering jobs that would require moving.

LASI Variables Used

Wave 1 Core:

WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE201	Currently looking for another job- job search
WE204S1	Job search_in this area
WE204S2	Job search_in other specific area
WE204S3	Job search_anywhere
WE205	Type of job-part time or full time
WE206	Looking for same kind of work you are doing now

Job Search: Looking for a New Job if Working

Wave	Variable	Label	Type
1	R1LOOKNWK	rllooknwk:w1 r looking for a new job (if working)	Categ
1	S1LOOKNWK	sllooknwk:w1 s looking for a new job (if working)	Categ
1	R1LOOKNWKPF	rllooknwkpf:w1 r looking for new part-time or full-time job	Categ
1	S1LOOKNWKPF	sllooknwkpf:w1 s looking for new part-time or full-time job	Categ
1	R1LOOKNWKSD	rllooknwkspd:w1 r looking for same or different work (if work	Categ
1	S1LOOKNWKSD	sllooknwkspd:w1 s looking for same or different work (if work	Categ
1	R1LOOKNAREA	rllooknarea:w1 r looking for job in area or move (if working	Categ
1	S1LOOKNAREA	sllooknarea:w1 s looking for job in area or move (if working	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LOOKNWK	35126	0.03	0.18	0.00	1.00
S1LOOKNWK	26834	0.03	0.18	0.00	1.00
R1LOOKNWKPF	1205	2.23	0.67	1.00	3.00
S1LOOKNWKPF	928	2.24	0.67	1.00	3.00
R1LOOKNWKSD	1205	2.20	0.74	1.00	3.00
S1LOOKNWKSD	928	2.22	0.74	1.00	3.00
R1LOOKNAREA	1203	1.77	0.93	1.00	3.00
S1LOOKNAREA	927	1.75	0.93	1.00	3.00

Categorical Variable Codes

Value-----	R1LOOKNWK
.d:DK	23
.m:Missing	397
.n:never worked	21946
.r:Refuse	22
.w:not working	15894
0.no	33915
1.yes	1211
Value-----	S1LOOKNWK
.d:DK	12
.m:Missing	288
.n:never worked	13714
.r:Refuse	16
.u:Unmar	16594
.v:SP NR	6662
.w:not working	9288
0.no	25903
1.yes	931

Value-----	R1LOOKNWKPF
.d:DK	23
.l:not looking for work	33915
.m:Missing	403
.n:never worked	21946
.r:Refuse	22
.w:not working	15894
1.part-time work	161
2.full-time work	600
3.either	444

Value-----	S1LOOKNWKPF
.d:DK	12
.l:not looking for work	25903
.m:Missing	291
.n:never worked	13714
.r:Refuse	16
.u:Unmar	16594
.v:SP NR	6662
.w:not working	9288
1.part-time work	122
2.full-time work	457
3.either	349

Value-----	R1LOOKNWKSD
.d:DK	23
.l:not looking for work	33915
.m:Missing	403
.n:never worked	21946
.r:Refuse	22
.w:not working	15894
1.same as now	236
2.different	488
3.does not matter	481

Value-----	S1LOOKNWKSD
.d:DK	12
.l:not looking for work	25903
.m:Missing	291
.n:never worked	13714
.r:Refuse	16
.u:Unmar	16594
.v:SP NR	6662
.w:not working	9288
1.same as now	178
2.different	370
3.does not matter	380

Value-----	R1LOOKNAREA
.d:DK	25
.l:not looking for work	33915
.m:Missing	403
.n:never worked	21946
.r:Refuse	22
.w:not working	15894
1.jobs in this area	698
2.jobs in other specific area	88
3.anywhere	417

Value-----	S1LOOKNAREA
.d:DK	13
.l:not looking for work	25903
.m:Missing	291
.n:never worked	13714
.r:Refuse	16
.u:Unmar	16594
.v:SP NR	6662
.w:not working	9288
1.jobs in this area	545
2.jobs in other specific area	70
3.anywhere	312

How Constructed

RwLOOKNWK indicates whether the respondent is currently looking for a new job if they are working or temporarily laid off, on sick or other leave, or in job training. RwLOOKNWK is coded as 0.no and 1.yes. Special missing .n is assigned if the respondent reports not having ever worked for at least 3 months in their lifetime. RwLOOKNWK is assigned special missing .w if the respondent is not working and reports being unemployed and looking for a job, disabled, a homemaker, or other. Don't know, refused, or other missing responses are assigned special missing values .d, .r, or .m, respectively. RwLOOKNWK is set to plain missing (.) for respondents who did not respond to the current wave.

SwLOOKNWK indicates whether the current wave's spouse is currently looking for a new job if they are working or temporarily not working, and its values are taken from RwLOOKNWK. In addition to the special missing codes used in RwLOOKNWK, SwLOOKNWK employs two other 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 his/her spouse is not interviewed.

RwLOOKNWKPF indicates whether the respondent is looking for part-time or full-time work for a new job if they are working or temporarily laid off, on sick or other leave, or in job training. RwLOOKNWKPF is coded as follows: 1.part-time work, 2.full-time work, or 3.either. Special missing .n is assigned if the respondent reports not having ever worked for at least 3 months in their lifetime. RwLOOKNWKPF is assigned special missing .w if the respondent is not working and reports being unemployed and looking for a job, disabled, a homemaker, or other. RwLOOKNWKPF is assigned special missing .l if the respondent reports that they are not currently looking for another job while they are working. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwLOOKNWKPF is set to plain missing (.) for respondents who did not respond to the current wave.

SwLOOKNWKPF indicates whether the current wave's spouse is looking for part-time or full-time work for a new job if they are working or temporarily not working, and its values are taken from RwLOOKNWKPF. In addition to the special missing codes used in RwLOOKNWKPF, SwLOOKNWKPF employs two other 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 his/her spouse is not interviewed.

RwLOOKNWKSD indicates whether the respondent is looking for the same kind of work he/she is doing now or something different for a new job if they are working or temporarily laid off, on sick or other leave, or in job training. RwLOOKNWKSD is coded as follows: 1.same as now, 2.different, or 3.does not matter. Special missing .n is assigned if the respondent reports not having ever worked for at least 3 months in their lifetime. RwLOOKNWKSD is assigned special missing .w if the respondent is not working and reports being unemployed and looking for a job, disabled, a homemaker, or other. RwLOOKNWKSD is assigned special missing .l if the respondent reports that they are not currently looking for another job while they are working. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwLOOKNWKSD is set to plain missing (.) for respondents who did not respond to the current wave.

SwLOOKNWKSD indicates whether the current wave's spouse is looking for the same kind of work he/she did before or something different for a new job if they are working or temporarily not working, and its values are taken from RwLOOKNWKSD. In addition to the special missing codes used in RwLOOKNWKSD, SwLOOKNWKSD employs two other 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 his/her spouse is not interviewed.

RwLOOKNAREA indicates whether the respondent is looking for jobs in the same area or considering jobs that would require moving for a new job if they are working or temporarily laid off, on sick or other leave, or in job training. RwLOOKNAREA is coded as follows: 1.jobs in this area, 2.jobs in other specific area, or 3.anywhere. Special missing .n is assigned if the respondent reports not having ever worked for at least 3 months in their lifetime. RwLOOKNAREA is assigned special missing .w if the respondent is not working and reports being unemployed and looking for a job, disabled, a homemaker, or other. RwLOOKNAREA is assigned special missing .l if the respondent reports that they are not currently looking for another job while they are working. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwLOOKNAREA is set to plain missing (.) for respondents who did not respond to the current wave.

SwLOOKNAREA indicates whether the current wave's spouse is looking for jobs in the same area or considering jobs that would require moving for a new job if they are working or temporarily not working, and its values are taken from RwLOOKNAREA. In addition to the special missing codes used in RwLOOKNAREA, SwLOOKNAREA employs two other 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 his/her spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS asks job search questions separately to unemployed respondents looking for a job and to employed respondents who are looking for a new job. However, LASI does not make this distinction and asks the same job search questions to all respondents who reported ever having worked for at least 3 months in their lifetimes and who are currently looking for another job.

Additionally, the HRS does not ask whether the respondent is looking for jobs in the same area or considering jobs that would require moving.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE201	Currently looking for another job- job search
WE204S1	Job search_in this area
WE204S2	Job search_in other specific area
WE204S3	Job search_anywhere
WE205	Type of job-part time or full time
WE206	Looking for same kind of work you are doing now

Section I: Retirement

Whether Retired

Wave	Variable	Label	Type
1	R1SAYRET_L	r1sayret_l:w1 whether r considers self retired	Categ
1	S1SAYRET_L	s1sayret_l:w1 whether s considers self retired	Categ
1	R1FRET_L	r1fret_l:w1 whether r retired from organized sector	Categ
1	S1FRET_L	s1fret_l:w1 whether s retired from organized sector	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SAYRET_L	73390	0.05	0.22	0.00	1.00
S1SAYRET_L	50145	0.06	0.23	0.00	1.00
R1FRET_L	73242	0.04	0.20	0.00	1.00
S1FRET_L	50064	0.04	0.21	0.00	1.00

Categorical Variable Codes

Value-----	R1SAYRET_L
.d:DK	2
.m:Missing	10
.r:Refuse	6
0.No	69565
1.Yes	3825
Value-----	S1SAYRET_L
.m:Missing	6
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.No	47377
1.Yes	2768
Value-----	R1FRET_L
.d:DK	7
.m:Missing	149
.r:Refuse	10
0.No	70182
1.Yes	3060
Value-----	S1FRET_L
.d:DK	4
.m:Missing	81
.r:Refuse	3
.u:Unmar	16594
.v:SP NR	6662
0.No	47838
1.Yes	2226

How Constructed

Respondents in LASI can report retirement at two different times in the Work, Retirement, and Pensions (WE) module. Respondents who have worked in their lifetime but are not currently working are asked why left their last job and can report that they left their last job because they retired. Later in the

module, all respondents who ever worked in their lifetime as asked did they ever officially retire from the organized sector of employment.

RwSAYRET_L indicates whether the respondent says they are retired. RwSAYRET_L is coded as 0 if the respondent does not report being retired at either point in the WE module or has never worked. RwSAYRET_L is coded as 1 if the respondent reports leaving their last job due to retirement or officially retiring from the organized sector of employment. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwSAYRET_L is set to plain missing (.) for respondents who did not participate in the current wave.

SwSAYRET_L indicates whether the respondent's current wave's spouse says they are retired, and its values are taken from RwSAYRET_L. In addition to the special missing codes employed by RwSAYRET_L, SwSAYRET_L employs two additional special missing codes. 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.

RwFRET_L indicates whether the respondent ever officially retired from the organized sector of employment. RwFRET_L has a stricter definition than RwSAYRET and does not consider the reason the respondent left their last job. RwFRET_L is coded as 0 if the respondent reports not being officially retired or has never worked. RwFRET_L is coded as 1 if the respondent reports officially retiring from the organized sector of employment. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwFRET_L is set to plain missing (.) for respondents who did not participate in the current wave.

SwFRET_L indicates whether the respondent's current wave's spouse ever officially retired from the organized sector of employment, and its values are taken from RwFRET_L. In addition to the special missing codes employed by RwFRET_L, SwFRET_L employs two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

RAND HRS determines whether a respondent is retired based on either self-reported retirement, recorded in RwSAYRET, or employment status, recorded in RwRETEMP. Additionally, RAND HRS has a different response scale for RwSAYRET, and includes a value for partly retired. In the LASI, respondents can report retiring as their reason for leaving their last job, or they are asked if they have ever officially retired from the organized sector of employment, and it utilizes only a binary response scale in RwSAYRET_L.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE315	Reason for leaving the job
WE402	Official retirement

Retirement Month and Year, if Says Retired

Wave	Variable	Label	Type
1	R1RETMON	rlretmon:w1 month r retired, if formally retired	Cont
1	S1RETMON	slretmon:w1 month s retired, if formally retired	Cont
1	R1RETYR	rlretyr:w1 year r retired, if formally retired	Cont
1	S1RETYR	slretyr:w1 year s retired, if formally retired	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RETMON	2958	5.71	3.27	1.00	12.00
S1RETMON	2178	5.73	3.29	1.00	12.00
R1RETYR	3086	2005.39	10.88	1900.00	2020.00
S1RETYR	2264	2005.92	10.59	1902.00	2020.00

How Constructed

RwRETMON indicates the month the respondent left their last job due to retirement or the month the respondent took official retirement from the organized sector of employment. Respondents who have not said they are retired in `RwSAYRET_L` are assigned special missing `.n`. Don't know, refused, or other missing responses are assigned special missing codes `.d`, `.r`, or `.m`, respectively. `RwRETMON` is set to plain missing `(.)` for respondents who did not participate in the current wave.

SwRETMON indicates the month the respondent's current wave's spouse retired, if they report being retired, and its values are taken from `RwRETMON`. In addition to the special missing codes employed by `RwRETMON`, `SwRETMON` employs two additional special missing codes. 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.

RwRETYR indicates the year the respondent left their last job due to retirement or the month the respondent took official retirement from the organized sector of employment. Respondents who have not said they are retired in `RwSAYRET_L` are assigned special missing `.n`. If the respondent reported a retirement year that is earlier than the respondent's birth year, special missing code `.i` is assigned. Other valid and invalid values have been left to the discretion of the user. Don't know, refused, or other missing responses are assigned special missing codes `.d`, `.r`, or `.m`, respectively. `RwRETYR` is set to plain missing `(.)` for respondents who did not participate in the current wave.

SwRETYR indicates the year the respondent's current wave's spouse retired, if they report being retired, and its values are taken from `RwRETYR`. In addition to the special missing codes employed by `RwRETYR`, `SwRETYR` employs two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HRS retirement month and year are asked in multiple questions depending on the respondent's employment status. They are asked if the respondent reported being retired in their employment status and in a

separate question if the respondent reports being completely or partially retired. LASI also ascertains retirement month and year twice, but in different ways than the HRS. LASI asks the month and year they left their last job and later ask the reason for leaving this job, with retirement being one option. LASI also asks respondents of their retirement month and year if the respondent reports ever officially retiring from the organized sector of employment and that reported official retirement was not from the work unit/employer that had been reported already.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE302	Month of last work
WE315	Reason for leaving the job
WE402	Official retirement
WE403	Job of retirement
WE404	Retirement_year
WE405	Retirement_month

Planned Retirement Year

Wave	Variable	Label	Type
1	R1RPLNYA	rlrplnya:w1 year r plans to stop working	Cont
1	S1RPLNYA	slrplnya:w1 year s plans to stop working	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RPLNYR	4171	2030.17	16.87	2017.00	2107.00
S1RPLNYR	3237	2030.33	16.44	2017.00	2107.00

How Constructed

RwRPLNYA indicates the year the respondent plans to stop working. Stopping work in this context refers to stopping all income-related activities on a regular basis, and not intending to engage in any income related activities seriously. Work in this context includes agricultural work, wage work, self-employed activities, unpaid family business work, and all other paid and unpaid labor, excluding their own housework. The respondent is asked at what age they plan to stop working or in how many years they plan to stop working. If the respondent reports an age, the year is calculated based on the respondent's birth year. If the respondent reports the number of years, the year is calculated based on the respondent's interview year. If the respondent reports planning to retire in less than a year, then RwRPLNYA is assigned the respondent's interview year. Respondents who voluntarily report that they plan to keep working as long as they are physically capable are assigned special missing .n. Respondents who are not currently working are assigned special missing .w. Respondents are considered to be not currently working if they have never worked for at least 3 months during their lifetime, if the respondent reports not currently working as a result of being unemployed and looking for job, disabled, homemaker, or other reason, or if the respondent has already retired. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwRPLNYA is set to plain missing (.) for respondents who did not participate in the current wave.

SwRPLNYA indicates the year the respondent's current wave's spouse plans to stop working, and its values are taken from RwRPLNYA. In addition to the special missing codes employed by RwRPLNYA, SwRPLNYA employs two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

LASI asks respondents at what age they plan to stop working, made available in RwRPLNYA in the Harmonized LASI. The RAND HRS includes two variables related to the respondent's retirement plans: RwRPLNYR, when the respondent plans to stop work, and RwRPLNYA, when the respondent thinks they will stop working. LASI does not consider any different retirement statuses, such as partial retirement, or ask questions regarding the probability of retirement or expectations related to the respondents' future retirement.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE005	Reason to stop working
WE401_AGE	Age_Plan to stop working

WE401_KEEPPWORKINGS1	R plans to keep working as long as he/she can 1
WE401_YEARS	Age_Plan to stop working-in Years
WE402	Official retirement

Section J: Pension

Receives Any Public Pension

Wave	Variable	Label	Type
1	R1PUBPEN	r1pubpen:w1 r receives public pension	Categ
1	S1PUBPEN	s1pubpen:w1 s receives public pension	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PUBPEN	73367	0.17	0.38	0.00	1.00
S1PUBPEN	50130	0.13	0.33	0.00	1.00

Categorical Variable Codes

Value	R1PUBPEN
.d:DK	2
.m:Missing	36
.r:Refuse	3
0.No	60814
1.Yes	12553

Value	S1PUBPEN
.d:DK	1
.m:Missing	21
.u:Unmar	16594
.v:SP NR	6662
0.No	43743
1.Yes	6387

How Constructed

RwPUBPEN indicates whether the respondent is currently receiving a public pension. A Public pension is defined as a central government pension (e.g. Central Civil Service Pension Scheme, Civil Service Provident Fund, etc.), state government pension, National Old Age pension, Widow's pension, Annapurna scheme, any other state-specific pension schemes, or any another government scheme or program for older persons. Questions about the central government pension schemes and state government pension schemes are asked in the Work, Retirement, & Pension section of LASI and capture if they are receiving income from one of these pension schemes. If they are officially retired from the formal sector, they are asked "how much pension income did you receive every month (all together)/ or expect to receive in future after retirement". Questions about the National Old Age pension, Widow's pension, Annapurna scheme, or any state-specific of government pension scheme are asked in the Social Welfare Schemes section of LASI to respondents aged 60 and older. They are asked if they are "availing any of the benefits of this scheme?". A value of 0 indicates the respondent is not receiving a pension from one of the sources listed above or that they are below the age of 60. A value of 1 indicates the respondent is currently receiving a pension from one of the sources listed above, not if they are expecting to receive such a pension in the future. Don't know, refused, or other missing responses of RwPUBPEN are assigned special missing codes .d, .r, or .m, respectively. 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 of 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.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Components included in RwPUBPEN for Harmonized LASI 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.

LASI Variables Used

Wave 1 Core:	
SW202A	Benefits from_National Old Age Pension Scheme
SW202B	Benefits from_Widow Pension Scheme
SW202C	Benefits from_Annapurna scheme
SW202D	Benefits from_other State spesific Pension Schem
SW202E	Benefits from_other Pension Scheme
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE402	Official retirement
WE412	Currently receiving or expected to receive pensi
WE412AS1	Receiving pension schemes 1 Central government
WE412AS2	Receiving pension schemes 2 State government pe

Currently Receiving Any Private (Including Occupational) Pension

Wave	Variable	Label	Type
1	R1PENINC	r1peninc:w1 r receives private/occupational pension	Categ
1	S1PENINC	s1peninc:w1 s receives private/occupational pension	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PENINC	73219	0.00	0.06	0.00	1.00
S1PENINC	50050	0.00	0.06	0.00	1.00

Categorical Variable Codes

Value-----	R1PENINC
.d:DK	17
.m:Missing	151
.r:Refuse	21
0.No	72979
1.Yes	240

Value-----	S1PENINC
.d:DK	10
.m:Missing	82
.r:Refuse	10
.u:Unmar	16594
.v:SP NR	6662
0.No	49879
1.Yes	171

How Constructed

RwPENINC indicates whether the respondent is currently receiving any private or employer pensions. A private/employer pension is defined as an employer funded pension scheme or other work-related pensions. Questions about private/employer pensions are asked in the Work, Retirement, & Pension section of LASI and capture if they are receiving income from a pension. If they are officially retired from the formal sector, they are asked "how much pension income did you receive every month (all together)/ or expect to receive in future after retirement". 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, not if they are expecting to receive such a pension in the future. Don't know, refused, or other missing responses of RwPENINC are assigned special missing codes .d, .r, or .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.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Components included in RwPENINC for Harmonized LASI 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.

LASI Variables Used

Wave 1 Core:

WE001	Work for minimum 3 months during life time
WE402	Official retirement
WE412	Currently receiving or expected to receive pensi
WE412AS3	Receiving pension schemes 3 Employer funded pen
WE412AS4	Receiving pension schemes 4 Other work related
WE412AS5	Receiving pension schemes 5 Other work related
WE412AS6	Receiving pension schemes 6 Other work related

Pension from Current Job

Wave	Variable	Label	Type
1	R1JCPEN	rljcpen:w1 r any pension from current job	Categ
1	S1JCPEN	sljcpen:w1 s any pension from current job	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1JCPEN	47921	0.04	0.20	0.00	1.00
S1JCPEN	33901	0.04	0.20	0.00	1.00

Categorical Variable Codes

Value-----	R1JCPEN
.d:DK	7
.m:Missing	117
.r:Refuse	9
.w:Not working	25354
0.No	46006
1.Yes	1915

Value-----	S1JCPEN
.d:DK	4
.m:Missing	70
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
.w:Not working	16176
0.No	32428
1.Yes	1473

How Constructed

RwJCPEN indicates whether or not the respondent is a member of an occupational pension scheme through their current job. The occupational pensions in LASI are a Work Related Pension or Provident fund. In the Work, Retirement, & Pension section of LASI, respondents who have worked for at least 3 months during their lifetime are asked if "are/were you covered with" a Work Related Pension at their current or last job. A value of 0 indicates the respondent is not a member of a pension scheme through their current job, and has not formally retired. A value of 1 indicates the respondent is a member of a pension scheme through their current job, and has not formally retired. Don't know, refused, or other missing responses of RwJCPEN are assigned special missing codes .d, .r, or .m, respectively. If the respondent has officially retired from the organized sector of employment, is not currently working, or has never worked, 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.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

No differences known.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE004	Currently working
WE316A	Covered with- Work Related Pension scheme
WE316B	Covered with- Provident fund
WE402	Official retirement

Public Pension Income

Wave	Variable	Label	Type
1	R1PUBPENI	rlpubpeni:w1 r public pension inc received monthly	Cont
1	S1PUBPENI	slpubpeni:w1 s public pension inc received monthly	Cont
1	R1FPUBPENI	rlfpubpeni:w1 impflag r public pension inc received monthly	Categ
1	S1FPUBPENI	slfpubpeni:w1 impflag s public pension inc received monthly	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PUBPENI	2413	15000.06	14252.05	0.00	360000.00
S1PUBPENI	1773	15415.92	14946.30	0.00	360000.00
R1FPUBPENI	2413	1.66	1.67	1.00	7.00
S1FPUBPENI	1773	1.63	1.64	1.00	7.00

Categorical Variable Codes

Value-----	R1FPUBPENI
.m:Missing	177
.n:No pension	27355
.x:never worked/not working	43463
1.continuous value	2089
5.no value/bracket	52
6.no receipt	258
7.dk receipt	14

Value-----	S1FPUBPENI
.m:Missing	96
.n:No pension	21100
.u:Unmar	16594
.v:SP NR	6662
.x:never worked/not working	27183
1.continuous value	1543
5.no value/bracket	40
6.no receipt	180
7.dk receipt	10

How Constructed

RwPUBPENI is the amount of public pension income the respondent is currently receiving per month, which includes imputations for missing values. A public pension is defined as a central government pension (Central Civil Service Pension Scheme, Civil Service Provident Fund, etc.) or any state government pension scheme. Questions about income from the central government pension schemes and state government pension schemes are asked in the Work, Retirement, & Pension section of LASI and capture if they are receiving income from one of these pension schemes. These questions are also asked in the Income section of LASI, where the financial respondent is asked to identify everyone in the household who received pension incomes from one of the sources listed above. Public pension income is separately calculated for central government pensions and state government pensions and it is added together in the end. If the respondent does not report pension income in the Work, Retirement, & Pension section, the public pension income reported from the Income section is used. Pension income in the Income section is reported for the last 12 months, so that amount is divided by 12. RwPUBPENI is assigned special missing value .n if the respondent is expected to receive a pension in the future or are neither currently receiving not expected to receive in the future. RwPUBPENI is assigned special missing value .x if the respondent is not

currently working or has never worked. RWPUBPENI is assigned special missing value .m if the value is otherwise missing.

RwFPUBPENI is a flag indicating the highest level of imputation of the components of RWPUBPENI. A code of 1 indicates the respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is 0. A code of 7 indicates that the ownership of the components are not known. RwFPUBPENI is assigned special missing value .n if the respondent is expected to receive a pension in the future or are neither currently receiving not expected to receive in the future. RwFPUBPENI is assigned special missing value .x if the respondent is not currently working or has never worked. RwFPUBPENI is assigned special missing value .m if the value is otherwise missing.

SwPUBPENI and SwFPUBPENI indicate the amount of public pension income the respondent's current wave's spouse is currently receiving per month and an imputation flag. Their values are taken from RWPUBPENI and RwFPUBPENI. In addition to the special missing values employed by the respondent variables, the spouse variables employ two additional special missing values, .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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Components included in public pension income for Harmonized LASI 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.

LASI Variables Used

Wave 1 Core:	
WE001	Work for minimum 3 months during life time
WE402	Official retirement
WE412	Currently receiving or expected to receive pensi
WE413A_I	
WE413A_I_F	
WE413B_I	
WE413B_I_F	

Private Pension Income

Wave	Variable	Label	Type
1	R1PENAI	rlpenai:w1 r private pension inc received monthly	Cont
1	S1PENAI	slpenai:w1 s private pension inc received monthly	Cont
1	R1FPENAI	rlfpenai:w1 impflag r private pension inc received monthly	Categ
1	S1FPENAI	slfpenai:w1 impflag s private pension inc received monthly	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PENAI	2411	3717.26	144627.09	0.00	7100000.00
S1PENAI	1771	4803.26	168737.00	0.00	7100000.00
R1FPENAI	2413	5.50	1.52	-1.00	7.00
S1FPENAI	1773	5.51	1.50	-1.00	7.00

Categorical Variable Codes

Value-----	R1FPENAI
.m:Missing	177
.n:No pension	27355
.x:never worked/not working	43463
-1.not imputed, missing neighbors	2
1.continuous value	243
5.no value/bracket	3
6.no receipt	2151
7.dk receipt	14
Value-----	R1FPENAI
.m:Missing	96
.n:No pension	21100
.u:Unmar	16594
.v:SP NR	6662
.x:never worked/not working	27183
-1.not imputed, missing neighbors	2
1.continuous value	171
5.no value/bracket	2
6.no receipt	1588
7.dk receipt	10

How Constructed

RwPENAI is the amount of private pension income the respondent is currently receiving per month, which includes imputations for missing values. A private pension is defined as an employer funded pension or any other work related pensions. Questions about income from employer funded pensions or any other work related pensions are asked in the Work, Retirement, & Pension section of LASI and capture if they are receiving income from one of these pension schemes. Respondents can report income from up to 3 other work related pensions. A question about employer funded pensions is also asked in the Income section of LASI, where the financial respondent is asked to identify everyone in the household who received that pension income. Private pension income is separately calculated for employer funded pensions or any other work related pensions and it is added together in the end. If the respondent does not report employer funded pension income in the Work, Retirement, & Pension section, the employer funded pension income reported from the Income section is used. Pension income in the Income section is reported for the last 12 months,

so that amount is divided by 12. RWPENAI is assigned special missing value .n if the respondent is expected to receive a pension in the future or are neither currently receiving not expected to receive in the future. RWPENAI is assigned special missing value .x if the respondent is not currently working or has never worked. RWPENAI is assigned special missing value .m if the value is otherwise missing.

RwFPENAI is a flag indicating the highest level of imputation of the components of RWPENAI. A code of 1 indicates the respondent reported continuous values for all components and no imputation was necessary. A code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is 0. A code of 7 indicates that the ownership of the components are not known. RwFPENAI is assigned special missing value .n if the respondent is expected to receive a pension in the future or are neither currently receiving not expected to receive in the future. RwFPENAI is assigned special missing value .x if the respondent is not currently working or has never worked. RwFPENAI is assigned special missing value .m if the value is otherwise missing.

SwPENAI and SwFPENAI indicate the amount of private pension income the respondent's current wave's spouse is currently receiving per month and an imputation flag. Their values are taken from RWPENAI and RwFPENAI. In addition to the special missing values employed by the respondent variables, the spouse variables employ two additional special missing values, .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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Components included in private pension income for Harmonized LASI 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.

LASI Variables Used

Wave 1 Core:

WE001	Work for minimum 3 months during life time
WE402	Official retirement
WE412	Currently receiving or expected to receive pensi
WE413C_I	
WE413C_I_F	
WE413D_I	
WE413D_I_F	
WE413E_I	
WE413E_I_F	
WE413F_I	
WE413F_I_F	

Total Pension Income

Wave	Variable	Label	Type
1	R1PENI	rlpeni:w1 r total pension inc received monthly	Cont
1	S1PENI	slpeni:w1 s total pension inc received monthly	Cont
1	R1FPENI	rlfpeni:w1 impflag r total pension inc received monthly	Categ
1	S1FPENI	slfpeni:w1 impflag s total pension inc received monthly	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1PENI	2411	18729.76	144944.02	0.00	7100000.00
S1PENI	1771	20236.56	168959.20	0.00	7100000.00
R1FPENI	2413	1.15	0.82	-1.00	7.00
S1FPENI	1773	1.14	0.81	-1.00	7.00

Categorical Variable Codes

Value-----	R1FPENI
.m:Missing	177
.n:No pension	27355
.x:never worked/not working	43463
-1.not imputed, missing neighbors	2
1.continuous value	2330
5.no value/bracket	55
6.no receipt	12
7.dk receipt	14

Value-----	S1FPENI
.m:Missing	96
.n:No pension	21100
.u:Unmar	16594
.v:SP NR	6662
.x:never worked/not working	27183
-1.not imputed, missing neighbors	2
1.continuous value	1713
5.no value/bracket	42
6.no receipt	6
7.dk receipt	10

How Constructed

RwPENI is the amount of total pension income the respondent is currently receiving per month, which includes imputations for missing values. Total pension income includes public and private pension income.

RwPENI = RwPUBPENI + RwPENAI.

RwPENI is assigned special missing value .n if the respondent is expected to receive a pension in the future or are neither currently receiving not expected to receive in the future. RwPENI is assigned special missing value .x if the respondent is not currently working or has never worked. RwPENI is assigned special missing value .m if the value is otherwise missing.

RwFPENI is a flag indicating the highest level of imputation of the components of RwPENI. A code of 1 indicates the respondent reported continuous values for all components and no imputation was necessary. A

code of 2 indicates that at least one component was imputed based on a complete bracket. A code of 3 indicates that at least one component was imputed based on an incomplete bracket. A code of 5 indicates that at least one component was imputed without any bracket information. A code of 6 indicates the respondent reported not having any of the components and the value is 0. A code of 7 indicates that the ownership of the components are not known. RwpPENI is assigned special missing value .n if the respondent is expected to receive a pension in the future or are neither currently receiving not expected to receive in the future. RwpPENI is assigned special missing value .x if the respondent is not currently working or has never worked. RwpPENI is assigned special missing value .m if the value is otherwise missing.

SwPENI and SwFPENI indicate the amount of total pension income the respondent's current wave's spouse is currently receiving per month and an imputation flag. Their values are taken from RwpPENI and RwpFPENI. In addition to the special missing values employed by the respondent variables, the spouse variables employ two additional special missing values, .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.

For more information, please see the "How Constructed" section for each component of RwpPENI.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Refer to the "Differences with RAND HRS" sections of each component to identify differences with the RAND HRS variable of the same name.

LASI Variables Used

Wave 1 Core:

WE001	Work for minimum 3 months during life time
WE402	Official retirement
WE412	Currently receiving or expected to receive pensi
WE413A_I	
WE413A_I_F	
WE413B_I	
WE413B_I_F	
WE413C_I	
WE413C_I_F	
WE413D_I	
WE413D_I_F	
WE413E_I	
WE413E_I_F	
WE413F_I	
WE413F_I_F	

Section K: Physical Measures

Blood Pressure and Heart Rate Measurements

Wave	Variable	Label	Type
1	R1SYSTO1	rlsysto1:w1 r blood pressure measure (systolic) 1	Cont
1	S1SYSTO1	slsysto1:w1 s blood pressure measure (systolic) 1	Cont
1	R1SYSTO2	rlsysto2:w1 r blood pressure measure (systolic) 2	Cont
1	S1SYSTO2	slsysto2:w1 s blood pressure measure (systolic) 2	Cont
1	R1SYSTO3	rlsysto3:w1 r blood pressure measure (systolic) 3	Cont
1	S1SYSTO3	slsysto3:w1 s blood pressure measure (systolic) 3	Cont
1	R1SYSTO	rlsysto:w1 r average blood pressure measure (systolic) 2 & 3	Cont
1	S1SYSTO	slsysto:w1 s average blood pressure measure (systolic) 2 & 3	Cont
1	R1DIASTO1	rldiastol:w1 r blood pressure measure (diastolic) 1	Cont
1	S1DIASTO1	sldiastol:w1 s blood pressure measure (diastolic) 1	Cont
1	R1DIASTO2	rldiasto2:w1 r blood pressure measure (diastolic) 2	Cont
1	S1DIASTO2	sldiasto2:w1 s blood pressure measure (diastolic) 2	Cont
1	R1DIASTO3	rldiasto3:w1 r blood pressure measure (diastolic) 3	Cont
1	S1DIASTO3	sldiasto3:w1 s blood pressure measure (diastolic) 3	Cont
1	R1DIASTO	rldiasto:w1 r average blood pressure measure (diastolic) 2 &	Cont
1	S1DIASTO	sldiasto:w1 s average blood pressure measure (diastolic) 2 &	Cont
1	R1PULSE1	rlpulse1:w1 r pulse measure 1	Cont
1	S1PULSE1	slpulse1:w1 s pulse measure 1	Cont
1	R1PULSE2	rlpulse2:w1 r pulse measure 2	Cont
1	S1PULSE2	slpulse2:w1 s pulse measure 2	Cont
1	R1PULSE3	rlpulse3:w1 r pulse measure 3	Cont
1	S1PULSE3	slpulse3:w1 s pulse measure 3	Cont
1	R1PULSE	rlpulse:w1 r average pulse measure 2 & 3	Cont
1	S1PULSE	slpulse:w1 s average pulse measure 2 & 3	Cont
1	R1BPComp	rlbpcomp:w1 r willing and able to complete bp tests	Categ
1	S1BPComp	slbpcomp:w1 s willing and able to complete bp tests	Categ
1	R1BLDPOS	rlbldpos:w1 r position for blood pressure test	Categ
1	S1BLDPOS	slbldpos:w1 s position for blood pressure test	Categ
1	R1BParm	rlbparm:w1 r arm used for blood pressure test	Categ

1	S1BPARM	slbparm:w1 s arm used for blood pressure test	Categ
1	R1BP COMPL	rlbpcompl:w1 r compliance during blood pressure test	Categ
1	S1BP COMPL	slbpcompl:w1 s compliance during blood pressure test	Categ
1	R1BPACT30	rlbpact30:w1 r did activity last 30 minutes that affects BP	Categ
1	S1BPACT30	slbpact30:w1 s did activity last 30 minutes that affects BP	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SYSTO1	66679	132.54	20.48	64.00	246.00
S1SYSTO1	46374	130.89	19.94	68.00	246.00
R1SYSTO2	66679	129.08	19.63	60.00	238.00
S1SYSTO2	46374	127.56	19.09	60.00	231.00
R1SYSTO3	66679	127.26	19.23	60.00	240.00
S1SYSTO3	46374	125.89	18.76	60.00	240.00
R1SYSTO	66679	128.17	19.19	60.00	233.50
S1SYSTO	46374	126.72	18.69	60.00	227.50
R1DIASTO1	66679	83.70	11.02	44.00	174.00
S1DIASTO1	46374	83.60	10.90	44.00	150.00
R1DIASTO2	66679	82.15	10.72	41.00	165.00
S1DIASTO2	46374	82.13	10.62	45.00	140.00
R1DIASTO3	66679	81.34	10.61	41.00	161.00
S1DIASTO3	46374	81.37	10.50	43.00	160.00
R1DIASTO	66679	81.74	10.44	41.00	163.00
S1DIASTO	46374	81.75	10.35	46.00	136.50
R1PULSE1	66677	80.74	12.16	33.00	150.00
S1PULSE1	46372	80.33	12.07	35.00	150.00
R1PULSE2	66679	80.42	11.88	32.00	150.00
S1PULSE2	46374	80.09	11.78	37.00	147.00
R1PULSE3	66679	80.46	11.77	32.00	150.00
S1PULSE3	46374	80.19	11.68	33.00	149.00
R1PULSE	66679	80.44	11.65	32.00	150.00
S1PULSE	46374	80.14	11.56	36.50	147.00

R1BPCOMP	66765	1.00	0.03	0.00	1.00
S1BPCOMP	46433	1.00	0.03	0.00	1.00
R1BLDPOS	66657	2.00	0.01	1.00	3.00
S1BLDPOS	46362	2.00	0.01	1.00	2.00
R1BPARM	66657	1.01	0.12	1.00	2.00
S1BPARM	46361	1.01	0.11	1.00	2.00
R1BPCOMPL	66652	1.00	0.06	1.00	3.00
S1BPCOMPL	46359	1.00	0.05	1.00	3.00
R1BPACT30	66715	0.17	0.37	0.00	1.00
S1BPACT30	46401	0.16	0.37	0.00	1.00

Categorical Variable Codes

Value-----	R1BPCOMP
.d:DK	1
.m:Missing	9
.r:Refuse	20
.s:Not in physical measure	6613
0.no	81
1.yes	66684

Value-----	S1BPCOMP
.d:DK	1
.m:Missing	3
.r:Refuse	11
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
0.no	55
1.yes	46378

Value-----	R1BLDPOS
.m:Missing	52
.n:Not willing/able	81
.r:Refuse	5
.s:Not in Physical Measure	6613
1.standing	4
2.sitting	66652
3.lying down	1

Value-----	S1BLDPOS
.m:Missing	30
.n:Not willing/able	55
.r:Refuse	1
.s:Not in Physical Measure	3704
.u:Unmar	16594
.v:SP NR	6662
1.standing	3
2.sitting	46359

Value-----	R1BPARM
.m:Missing	51
.n:Not willing/able	81
.r:Refuse	6
.s:Not in Physical Measure	6613
1.left arm	65722
2.right arm	935

Value-----	S1BPARM
.m:Missing	29
.n:Not willing/able	55
.r:Refuse	3
.s:Not in Physical Measure	3704
.u:Unmar	16594
.v:SP NR	6662
1.left arm	45749
2.right arm	612

Value-----	R1BPCOMPL
.m:Missing	56
.n:Not willing/able	81
.r:Refuse	6
.s:not in physical measure	6613
1.fully compliant	66540
2.prevented from being fully compliant	82
3.not fully compliant	30

Value-----	S1BPCOMPL
.m:Missing	32
.n:Not willing/able	55
.r:Refuse	2
.s:not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
1.fully compliant	46297
2.prevented from being fully compliant	43
3.not fully compliant	19

Value-----	R1BPACT30
.d:DK	5
.m:Missing	26
.n:Not willing/able	48
.r:Refuse	1
.s:Not in physical measure	6613
0.no	55657
1.yes	11058

Value-----	S1BPACT30
.d:DK	4
.m:Missing	13
.n:Not willing/able	29
.r:Refuse	1
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
0.no	38759
1.yes	7642

How Constructed

RwSYSTOL1, RwSYSTOL2, and RwSYSTOL3 are the respondent's first, second, and third systolic blood pressure readings. RwSYSTOL is the average of the second and third systolic blood pressure readings. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent did not understand the directions or was unwilling to participate in the blood pressure measurement, or if the respondent had a rash, a cast, edema, open sores or wounds, or a significant bruise where the blood pressure cuff would be in contact. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwSYSTOL1, SwSYSTOL2, SwSYSTOL3 and SwSYSTOL indicate the first, second, third, and the average of the second and third systolic blood pressure measurements of the current wave's spouse. The spouse variables are taken from RwSYSTOL1, RwSYSTOL2, RwSYSTOL3, and RwSYSTOL. In addition to the special missing codes employed by RwSYSTOL1, RwSYSTOL2, RwSYSTOL3 and RwSYSTOL, SwSYSTOL1, SwSYSTOL2, SwSYSTOL3 and SwSYSTOL employ two additional special missing codes. 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.

RwDIAST01, RwDIAST02, RwDIAST03 are the respondent's first, second, and third diastolic blood pressure readings. RwDIAST0 is the average of the second and the third diastolic blood pressure readings. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent did not understand the directions or was unwilling to participate in the blood pressure measurement, or if the respondent had a rash, a cast, edema, open sores or wounds, or a significant bruise where the blood pressure cuff would be in contact. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwDIAST01, SwDIAST02, SwDIAST03 and SwDIAST0 indicate the first, second, third, and the average of the second and third diastolic blood pressure readings of the current wave's spouse. The spouse variables are taken from RwDIAST01, RwDIAST02, RwDIAST03, and RwDIAST0. In addition to the special missing codes employed by RwDIAST01, RwDIAST02, RwDIAST03, and RwDIAST0, SwDIAST01, SwDIAST02, SwDIAST03 and SwDIAST0 employ two additional special missing codes. 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.

RwPULSE1, RwPULSE2, and RwPULSE3 are the respondent's first, second, and third pulse readings. RwPULSE is the average of the second and the third pulse readings. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent did not understand the directions or was unwilling to participate in the blood pressure measurement, or if the respondent had a rash, a cast, edema, open sores or wounds, or a significant bruise where the blood pressure cuff would be in contact. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwPULSE1, SwPULSE2, SwPULSE3 and SwPULSE indicate the first, second, third, and the average of the second and third pulse readings for the current wave's spouse. The spouse variables are taken from RwPULSE1, RwPULSE2, RwPULSE3, and RwPULSE. In addition to the special missing codes employed by RwPULSE1, RwPULSE2, RwPULSE3 and RwPULSE, SwPULSE1, SwPULSE2, SwPULSE3 and SwPULSE employ two additional special missing codes. 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.

RwBPCOMP indicates whether the respondent was willing and able to complete the blood pressure tests. RwBPCOMP is coded as 1 if the respondent was willing and able to complete the blood pressure tests. RwBPCOMP is coded as 0 if the respondent did not understand the directions or was unwilling to participate in the blood pressure measurement, or if the respondent had a rash, a cast, edema, open sores or wounds, or a significant bruise where the blood pressure cuff would be in contact. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwBPCOMP indicates whether the respondent's current wave's spouse was willing and able to complete the blood pressure tests, and is taken from RwBPCOMP. In addition to the special missing codes employed by RwBPCOMP, SwBPCOMP employs two additional special missing codes. 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.

RwBLDPOS indicates the position the respondent was in for the blood pressure tests. RwBLDPOS is coded as follows: 1.standing, 2.sitting, and 3.lying down. RwBPARM indicates which arm the respondent used for the blood pressure tests. RwBPARM is coded as follows: 1.left arm, 2.right arm. RwBPCOMPL indicates how compliant the respondent was for the blood pressure tests. RwBPCOMPL is coded as follows: 1.fully compliant, 2.prevented from fully complying due to illness, pain, or other symptoms or discomfort, and 3.not fully compliant. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent did not understand the directions or was unwilling to participate in the blood pressure measurement, or if the respondent had a rash, a cast, edema, open sores or wounds, or a significant bruise where the blood pressure cuff would be in contact. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwBLDPOS, SwBPARM, and SwBPCOMPL indicate the respondent's current wave's spouse's position, arm used, and compliance level during the blood pressure tests, and are taken from RwBLDPOS, RwpBARM, and RwpBPCOMPL. In addition to the special missing codes employed by RwBLDPOS, RwpBARM, and RwpBPCOMPL, SwBLDPOS, SwBPARM, and SwBPCOMPL employ two additional special missing codes. 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.

RwBPACT30 indicates whether the respondent smoked, exercised, or consumed alcohol or food within the 30 minutes prior to the blood pressure test, which may affect the validity of the measurements. RwBPACT30 is assigned a 0 if the respondent has not done any of these activities in the 30 minutes prior to the assessment, and is assigned a 1 if the respondent has done any of these activities in the last 30 minutes. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent did not understand the directions, was not willing to participate in the blood pressure measurement, or was unable to do so due to injury. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwBPACT30 indicates whether the respondent's spouse smoked, exercised, or consumed alcohol or food within the 30 minutes prior to the blood pressure test, and is taken from RwBPACT30. In addition to the special missing codes employed by RwBPACT30, SwBPACT30 employ two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The Harmonized HRS has additional variables indicating the reasons that the respondent did not complete the blood pressure and pulse measurements (RwBPSFT, RwpBPREF, RwpBPTRYU, RwpBPEQUP, RwpBPOTHR). The LASI does not ask for further reasons the respondent did not complete the blood pressure and pulse measurements, so these variables are not available in the Harmonized LASI. The Harmonized LASI also contains RwpBARM and RwpBPCOMPL, indicating which arm the respondent used and the respondent's level of compliance, which are not asked in the HRS and so are not available in the Harmonized HRS or RAND HRS.

LASI Variables Used

Wave 1 Biomarkers:

BM001	Blood pressure consent
BM002	Have had smoke, alcohol, food or exercised 30 mi
BM003	Local skin reactions where blood pressure cuff c
BM004	Local skin reactions where blood pressure cuff c
BM006	Blood pressure_1st systolic reading
BM007	Blood pressure_1st diastolic reading
BM008	Blood pressure_1st pulse reading
BM010	Blood pressure_2nd systolic reading
BM011	Blood pressure_2nd Diastolic reading
BM012	Blood pressure_2nd pulse reading
BM014	Blood pressure_3rd systolic reading
BM015	Blood pressure_3rd diastolic reading
BM016	Blood pressure_3rd pulse reading
BM017	Blood pressure_average of last 2 systolic readin
BM018	Blood pressure_average of last 2 diastolic readi
BM019	Blood pressure_average of last 2 pulse reading
BM020	Blood pressure_arm used
BM021	Blood pressure_respondent's position during test
BM022	Blood pressure_respondent's compliance

Hand Grip Strength Measurements

Wave	Variable	Label	Type
1	R1DOMHAND	rldomhand:w1 r dominant hand (grip strength)	Categ
1	S1DOMHAND	sldomhand:w1 s dominant hand (grip strength)	Categ
1	R1LGRIPI	rllgrip1:w1 r left hand grip measurement 1(kg)	Cont
1	S1LGRIPI	sllgrip1:w1 s left hand grip measurement 1(kg)	Cont
1	R1LGRIPI2	rllgrip2:w1 r left hand grip measurement 2(kg)	Cont
1	S1LGRIPI2	sllgrip2:w1 s left hand grip measurement 2(kg)	Cont
1	R1RGRIPI	rlrgrip1:w1 r right hand grip measurement 1(kg)	Cont
1	S1RGRIPI	slrgrip1:w1 s right hand grip measurement 1(kg)	Cont
1	R1RGRIPI2	rlrgrip2:w1 r right hand grip measurement 2(kg)	Cont
1	S1RGRIPI2	slrgrip2:w1 s right hand grip measurement 2(kg)	Cont
1	R1LGRIPI	rllgrip:w1 r maximum left hand grip measurement(kg)	Cont
1	S1LGRIPI	sllgrip:w1 s maximum left hand grip measurement(kg)	Cont
1	R1RGRIPI	rlrgrip:w1 r maximum right hand grip measurement(kg)	Cont
1	S1RGRIPI	slrgrip:w1 s maximum right hand grip measurement(kg)	Cont
1	R1GRIPSUM	rlgripsum:w1 r summary of grip strength(kg)	Cont
1	S1GRIPSUM	slgripsum:w1 s summary of grip strength(kg)	Cont
1	R1GRIPCOMP	rlgripcomp:w1 r willing and able to complete grip strength t	Categ
1	S1GRIPCOMP	slgripcomp:w1 s willing and able to complete grip strength t	Categ
1	R1GRIPPOS	rlgripupos:w1 r position for grip strength test	Categ
1	S1GRIPPOS	slgripupos:w1 s position for grip strength test	Categ
1	R1GRIPPEFF	rlgrippeff:w1 r effort level grip strength test	Categ
1	S1GRIPPEFF	slgrippeff:w1 s effort level grip strength test	Categ
1	R1GRIPRSTA	rlgripresta:w1 r rested arms on a support during grip strengt	Categ
1	S1GRIPRSTA	slgripresta:w1 s rested arms on a support during grip strengt	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DOMHAND	66106	1.07	0.30	1.00	3.00
S1DOMHAND	46064	1.07	0.30	1.00	3.00
R1LGRIPI	64935	19.78	7.71	0.00	54.50

S1LGRIPI1	45363	21.04	7.67	0.00	54.50
R1LGRIPI2	64933	20.92	7.88	0.00	60.00
S1LGRIPI2	45362	22.20	7.84	0.00	60.00
R1RGRIPI1	65097	22.10	8.09	0.00	60.50
S1RGRIPI1	45465	23.41	8.03	0.00	60.50
R1RGRIPI2	65095	22.90	8.19	0.00	60.50
S1RGRIPI2	45462	24.25	8.11	0.00	60.50
R1LGRIPI	64941	21.32	7.91	0.00	60.00
S1LGRIPI	45368	22.63	7.85	0.00	60.00
R1RGRIPI	65099	23.33	8.22	0.00	60.50
S1RGRIPI	45466	24.69	8.13	0.00	60.50
R1GRIPSUM	65381	23.33	8.22	0.00	60.50
S1GRIPSUM	45634	24.69	8.13	0.00	60.50
R1GRIPCOMP	66706	0.99	0.09	0.00	1.00
S1GRIPCOMP	46401	0.99	0.08	0.00	1.00
R1GRIPPOS	66101	1.04	0.20	1.00	3.00
S1GRIPPOS	46062	1.03	0.17	1.00	3.00
R1GRIPEFF	66106	1.00	0.07	1.00	3.00
S1GRIPEFF	46065	1.00	0.06	1.00	3.00
R1GRIPRSTA	66097	0.12	0.33	0.00	1.00
S1GRIPRSTA	46060	0.12	0.32	0.00	1.00

Categorical Variable Codes

Value-----	R1DOMHAND
.d:DK	7
.m:Missing	74
.n:Not willing/able	572
.r:Refuse	36
.s:Not in Physical Measure	6613
1.Right hand	62433
2.Left hand	2824
3.Both hands equally dominant	849

Value-----	S1DOMHAND
.d:DK	2
.m:Missing	42
.n:Not willing/able	319
.r:Refuse	21
.s:Not in Physical Measure	3704
.u:Unmar	16594
.v:SP NR	6662
1.Right hand	43542

2.Left hand	1947
3.Both hands equally dominant	575

Value-----	R1GRIPCOMP
.d:DK	7
.m:Missing	38
.r:Refuse	44
.s:Not in physical measure	6613
0.no	572
1.yes	66134

Value-----	S1GRIPCOMP
.d:DK	2
.m:Missing	23
.r:Refuse	22
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
0.no	319
1.yes	46082

Value-----	R1GRIPPOS
.d:DK	4
.m:Missing	79
.n:Not willing/able	572
.r:Refuse	39
.s:Not in Physical Measure	6613
1.standing	63515
2.sitting	2561
3.lying down	25

Value-----	S1GRIPPOS
.d:DK	1
.m:Missing	43
.n:Not willing/able	319
.r:Refuse	23
.s:Not in Physical Measure	3704
.u:Unmar	16594
.v:SP NR	6662
1.standing	44665
2.sitting	1385
3.lying down	12

Value-----	R1GRIPLEFF
.d:DK	4
.m:Missing	79
.n:Not willing/able	572
.r:Refuse	34
.s:not in physical measure	6613
1.full effort	65869
2.prevented from giving full effort	220
3.did not appear to give full effort	17

Value-----	S1GRIPLEFF
.d:DK	1
.m:Missing	43
.n:Not willing/able	319
.r:Refuse	20
.s:not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
1.full effort	45947
2.prevented from giving full effort	106
3.did not appear to give full effort	12

Value-----	R1GRIPRSTA
.d:DK	4
.m:Missing	79
.n:Not willing/able	572
.r:Refuse	43
.s:Not in physical measure	6613

0.no		58069
1.yes		8028
Value-----		S1GRIPRSTA
.d:DK		1
.m:Missing		43
.n:Not willing/able		319
.r:Refuse		25
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
0.no		40672
1.yes		5388

How Constructed

RwDOMHAND indicates the respondent's dominant hand. RwDOMHAND is coded as follows: 1.right hand, 2.left hand, and 3.both hands equally dominant. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent had surgery or experienced any swelling, inflammation, severe pain or injury in one or both hands within the last 6 months. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwDOMHAND indicates the current wave's spouse's dominant hand, and is taken from RwDOMHAND. In addition to the special missing codes used for RwDOMHAND, SwDOMHAND employs two additional 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.

RwLGRIP1, RwLGRIP2, RwRGRIP1, and RwRGRIP2 indicate the respondent's first and second hand strength measurements for the left and right hand, respectively. RwLGRIP and RwRGRIP indicate the respondent's maximum hand strength measurement for the left and right hand, respectively. RwGRIPSUM is the maximum hand strength measurement of the dominant hand. For respondents with a dominant left hand, RwLGRIP is used. For respondents with a dominant right hand, RwRGRIP is used. For respondents with equally dominant hands, the greater value between RwLGRIP and RwRGRIP is used. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent had surgery or experienced any swelling, inflammation, severe pain or injury in one or both hands within the last 6 months. Special missing .l is assigned to RwLGRIP1, RwLGRIP2, RwLGRIP, and RwGRIPSUM if the respondent was not able to complete the measurement with their left hand due to injury. Special missing .t is assigned to RwRGRIP1, RwRGRIP2, RwRGRIP, and RwGRIPSUM if the respondent was not able to complete the measurement with their right hand due to injury. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwLGRIP1, SwLGRIP2, SwRGRIP1, and SwRGRIP2 indicate the current wave's spouse's first and second, left and right hand strength measurements, respectively, and are taken from RwLGRIP1, RwLGRIP2, RwRGRIP1, and RwRGRIP2. SwLGRIP and SwRGRIP indicate the current wave's spouse's maximum hand strength measurement for the left and right hand, respectively, and are taken from RwLGRIP and RwRGRIP. SwGRIPSUM indicates the current wave's spouse's dominant hand measurement, and is taken from the spouse's values to RwGRIPSUM. In addition to the special missing codes used in RwLGRIP1, RwLGRIP2, RwRGRIP1, RwRGRIP2, RwLGRIP, RwRGRIP, and RwGRIPSUM, SwLGRIP1, SwLGRIP2, SwRGRIP1, SwRGRIP2, SwLGRIP, SwRGRIP, and SwGRIPSUM 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.

RwGRIPCOMP indicates whether the respondent was willing and able to complete the grip strength tests. RwGRIPCOMP is coded as 1 if the respondent was willing and able to complete the grip strength tests with at least one hand. RwGRIPCOMP is coded as 0 if the respondent had surgery or experienced any swelling, inflammation, severe pain or injury in both hands within the last 6 months. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwGRIPCOMP indicates whether the current wave's spouse was willing and able to complete the grip strength tests, and is taken from RwGRIPCOMP. In addition to the special missing codes used for RwGRIPCOMP, SwGRIPCOMP employs two additional 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.

RwGRIPPOS indicates the respondent's position during the grip strength tests. RwGRIPPOS is coded as follows: 1.standing, 2.sitting, and 3.lying down. RwGRIPPEFF indicates how much effort the respondent gave to the grip strength tests. RwGRIPPEFF is coded as follows: 1.full effort, 2.prevented from giving full effort by illness, pain, or other symptoms or discomforts, and 3.did not appear to give full effort, but no obvious reason for this. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent had surgery or experienced any swelling, inflammation, severe pain or injury in one or both hands within the last 6 months. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwGRIPPOS and SwGRIPPEFF indicate the current wave's spouse's position and effort level for the grip strength tests, respectively, and their values are taken from RwGRIPPOS and RwGRIPPEFF. In addition to the special missing codes used for RwGRIPPOS and RwGRIPPEFF, SwGRIPPOS and SwGRIPPEFF employ two additional 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.

RwGRIPRSTA indicates whether the respondent rested their arm on a support while performing the test. RwGRIPRSTA is coded as 0 if they did not rest their arm on a support while performing a test, and is coded a 1 if they did use a support. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is assigned if the measurements were skipped because the respondent had surgery or experienced any swelling, inflammation, severe pain, or injury in one or both hands within the last 6 months. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwGRIPRSTA indicates whether the respondent's spouse rested their arm on a support while performing the test, and is taken from RwGRIPRSTA. In addition to the special missing codes used for RwGRIPRSTA, SwGRIPRSTA employs two additional 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The Harmonized HRS has additional variables indicating the reasons that the respondent did not complete the grip strength measurements (RwGRIPSFT, RwGRIPREF, RwGRIPTRYU, RwGRIPQUP, RwGRIPOTHR). The LASI does not ask for further reasons the respondent did not complete the grip strength measurements, so these variables are not available in the Harmonized LASI.

LASI Variables Used

Wave 1 Biomarkers:

BM025	Grip strength_problems in which hand
BM026	Grip strength_dominant hand
BM028	Grip strength_1st measurement (lf hand)
BM029	Grip strength_1st measurement (rt hand)
BM030	Grip strength_2nd measurement (lf hand)
BM031	Grip strength_2nd measurement (rt hand)
BM032	Grip strength_range of efforts
BM033	Grip strength_respondents position
BM034	Grip strength_support to the arm during test

Balance Tests

Wave	Variable	Label	Type
1	R1SEMIDONE	rlsemidone:w1 r whether completed full 10 sec semi-tandem te	Categ
1	S1SEMIDONE	slsemidone:w1 s whether completed full 10 sec semi-tandem te	Categ
1	R1SEMITAN	rlsemitan:w1 r semi-tandem test result (sec)	Cont
1	S1SEMITAN	slsemitan:w1 s semi-tandem test result (sec)	Cont
1	R1SEMICOMP	rlsemicomp:w1 r willing and able to complete semi-tandem tes	Categ
1	S1SEMICOMP	slsemicomp:w1 s willing and able to complete semi-tandem tes	Categ
1	R1SBSDONE	rlsbsdone:w1 r whether completed 10 seconds side-by-side	Categ
1	S1SBSDONE	slsbsdone:w1 s whether completed 10 seconds side-by-side	Categ
1	R1SBSTAN	rlsbstan:w1 r side-by-side test result (sec)	Cont
1	S1SBSTAN	slsbstan:w1 s side-by-side test result (sec)	Cont
1	R1SBSCOMP	rlsbcomp:w1 r willing and able to complete side-by-side	Categ
1	S1SBSCOMP	slsbcomp:w1 s willing and able to complete side-by-side	Categ
1	R1FULLDONE	rlfulldone:w1 r whether completed 30/60 seconds full-tandem	Categ
1	S1FULLDONE	slfulldone:w1 s whether completed 30/60 seconds full-tandem	Categ
1	R1FULLTAN	rlfulltan:w1 r full-tandem test result (sec)	Cont
1	S1FULLTAN	slfulltan:w1 s full-tandem test result (sec)	Cont
1	R1FULLCOMP	rlfullcomp:w1 r willing and able to complete full-tandem	Categ
1	S1FULLCOMP	slfullcomp:w1 s willing and able to complete full-tandem	Categ
1	R1BALANCE	rlbalance:w1 r balance test summary score	Categ
1	S1BALANCE	slbalance:w1 s balance test summary score	Categ
1	R1BALFLR	rlbalflr:w1 r balance tests floor type	Categ
1	S1BALFLR	slbalflr:w1 s balance tests floor type	Categ
1	R1BALCOMPL	rlbalcompl:w1 r compliance during balance tests	Categ
1	S1BALCOMPL	slbalcompl:w1 s compliance during balance tests	Categ
1	R1SEMITANC	rlsemitanc:w1 r semi-tandem test-compensatory movements	Categ
1	S1SEMITANC	slsemitanc:w1 s semi-tandem test-compensatory movements	Categ
1	R1SBSTANC	rlsbstanc:w1 r side-by-side test-compensatory movements	Categ
1	S1SBSTANC	slsbstanc:w1 s side-by-side test-compensatory movements	Categ
1	R1FULLTANC	rlfulltanc:w1 r full-tandem test-compensatory movements	Categ

1 S1FULLTANC s1fulltanc:w1 s full-tandem test-compensatory movements Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SEMIDONE	65107	0.97	0.18	0.00	1.00
S1SEMIDONE	45609	0.98	0.14	0.00	1.00
R1SEMITAN	65107	9.84	0.98	0.00	10.00
S1SEMITAN	45609	9.91	0.74	0.00	10.00
R1SEMICOMP	66692	0.98	0.15	0.00	1.00
S1SEMICOMP	46391	0.98	0.13	0.00	1.00
R1SBSDONE	2081	0.87	0.34	0.00	1.00
S1SBSDONE	877	0.88	0.33	0.00	1.00
R1SBSTAN	2081	9.43	1.73	0.00	10.00
S1SBSTAN	877	9.49	1.69	0.00	10.00
R1SBSCOMP	3690	0.56	0.50	0.00	1.00
S1SBSCOMP	1660	0.53	0.50	0.00	1.00
R1FULLDONE	61990	0.86	0.34	0.00	1.00
S1FULLDONE	44042	0.89	0.31	0.00	1.00
R1FULLTAN	61990	52.47	15.26	0.00	60.00
S1FULLTAN	44042	54.23	13.60	0.00	60.00
R1FULLCOMP	64491	0.96	0.19	0.00	1.00
S1FULLCOMP	45466	0.97	0.17	0.00	1.00
R1BALANCE	64071	3.80	0.49	1.00	4.00
S1BALANCE	44919	3.85	0.42	1.00	4.00
R1BALFLR	64071	1.97	0.77	1.00	3.00
S1BALFLR	44919	1.97	0.77	1.00	3.00
R1BALCOMPL	64071	1.00	0.08	1.00	3.00
S1BALCOMPL	44919	1.00	0.07	1.00	3.00
R1SEMITANC	65108	0.12	0.33	0.00	1.00
S1SEMITANC	45608	0.11	0.31	0.00	1.00
R1SBSTANC	2081	0.36	0.48	0.00	1.00
S1SBSTANC	877	0.35	0.48	0.00	1.00

R1FULLTANC	61990	0.24	0.43	0.00	1.00
S1FULLTANC	44042	0.22	0.42	0.00	1.00

Categorical Variable Codes

Value-----	R1SEMIDONE
.d:DK	4
.m:Missing	76
.n:Not willing/able	1567
.r:Refuse	41
.s:Not in physical measure	6613
0.no	2152
1.yes	62955

Value-----	S1SEMIDONE
.d:DK	2
.m:Missing	41
.n:Not willing/able	776
.r:Refuse	20
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
0.no	901
1.yes	44708

Value-----	R1SEMICOMP
.d:DK	1
.m:Missing	37
.r:Refuse	65
.s:Not in physical measure	6613
0.no	1538
1.yes	65154

Value-----	S1SEMICOMP
.m:Missing	22
.r:Refuse	35
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
0.no	759
1.yes	45632

Value-----	R1SBSDONE
.d:DK	4
.m:Missing	76
.n:Not willing/able	1638
.r:Refuse	41
.s:Not in physical measure	6613
.t:not tested	62955
0.no	274
1.yes	1807

Value-----	S1SBSDONE
.d:DK	2
.m:Missing	41
.n:Not willing/able	800
.r:Refuse	20
.s:Not in physical measure	3704
.t:not tested	44708
.u:Unmar	16594
.v:SP NR	6662
0.no	107
1.yes	770

Value-----	R1SBSCOMP
.d:DK	1
.m:Missing	84
.r:Refuse	65

.s:Not in physical measure		6613
.t:not tested		62955
0.no		1609
1.yes		2081

Value-----		S1SBSCOMP
.m:Missing		45
.r:Refuse		35
.s:Not in physical measure		3704
.t:not tested		44708
.u:Unmar		16594
.v:SP NR		6662
0.no		783
1.yes		877

Value-----		R1FULLDONE
.d:DK		4
.m:Missing		77
.n:Not willing/able		2530
.r:Refuse		42
.s:Not in physical measure		6613
.t:not tested		2152
0.no		8420
1.yes		53570

Value-----		S1FULLDONE
.d:DK		2
.m:Missing		42
.n:Not willing/able		1441
.r:Refuse		20
.s:Not in physical measure		3704
.t:not tested		901
.u:Unmar		16594
.v:SP NR		6662
0.no		4872
1.yes		39170

Value-----		R1FULLCOMP
.d:DK		1
.m:Missing		84
.r:Refuse		67
.s:Not in physical measure		6613
.t:not tested		2152
0.no		2501
1.yes		61990

Value-----		S1FULLCOMP
.m:Missing		45
.r:Refuse		36
.s:Not in physical measure		3704
.t:not tested		901
.u:Unmar		16594
.v:SP NR		6662
0.no		1424
1.yes		44042

Value-----		R1BALANCE
.d:DK		4
.m:Missing		77
.n:Not willing/able		2601
.r:Refuse		42
.s:Not in Physical Measure		6613
1.No semi/no s-b-s		274
2.No semi/yes s-b-s		1807
3.Yes semi/no full		8420
4.Yes semi/yes full		53570

Value-----		S1BALANCE
.d:DK		2
.m:Missing		42
.n:Not willing/able		1465

.r:Refuse		20
.s:Not in Physical Measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.No semi/no s-b-s		107
2.No semi/yes s-b-s		770
3.Yes semi/no full		4872
4.Yes semi/yes full		39170

Value-----		R1BALFLR
.d:DK		4
.m:Missing		77
.n:Not willing/able		2601
.r:Refuse		42
.s:not in physical measure		6613
1.wood/tile/linoleum		20058
2.concrete		25861
3.kutchha/mud		18152

Value-----		S1BALFLR
.d:DK		2
.m:Missing		42
.n:Not willing/able		1465
.r:Refuse		20
.s:not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.wood/tile/linoleum		14100
2.concrete		18036
3.kutchha/mud		12783

Value-----		R1BALCOMPL
.d:DK		4
.m:Missing		77
.n:Not willing/able		2601
.r:Refuse		42
.s:not in physical measure		6613
1.fully compliant		63807
2.prevented from being fully compliant		226
3.not fully compliant		38

Value-----		S1BALCOMPL
.d:DK		2
.m:Missing		42
.n:Not willing/able		1465
.r:Refuse		20
.s:not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.fully compliant		44789
2.prevented from being fully compliant		108
3.not fully compliant		22

Value-----		R1SEMITANC
.d:DK		3
.m:Missing		79
.n:Not willing/able		1566
.r:Refuse		39
.s:Not in physical measure		6613
0.no		57084
1.yes		8024

Value-----		S1SEMITANC
.d:DK		1
.m:Missing		43
.n:Not willing/able		775
.r:Refuse		21
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
0.no		40747

1.yes		4861
Value-----		R1SBSTANC
.d:DK		1
.m:Missing		80
.n:Not willing/able		1638
.r:Refuse		40
.s:Not in physical measure		6613
.t:not tested		62955
0.no		1327
1.yes		754
Value-----		S1SBSTANC
.m:Missing		43
.n:Not willing/able		800
.r:Refuse		20
.s:Not in physical measure		3704
.t:not tested		44708
.u:Unmar		16594
.v:SP NR		6662
0.no		571
1.yes		306
Value-----		R1FULLTANC
.d:DK		1
.m:Missing		82
.n:Not willing/able		2530
.r:Refuse		40
.s:Not in physical measure		6613
.t:not tested		2152
0.no		47247
1.yes		14743
Value-----		S1FULLTANC
.m:Missing		44
.n:Not willing/able		1441
.r:Refuse		20
.s:Not in physical measure		3704
.t:not tested		901
.u:Unmar		16594
.v:SP NR		6662
0.no		34174
1.yes		9868

How Constructed

RwSEMIDONE indicates whether the respondent maintained balance for the full 10 seconds during the semi-tandem standing test. A code of 1 indicates the respondent maintained balance for 10 seconds, while a 0 indicates the respondent held the semi-tandem standing test for less than 10 seconds. RwSEMITAN indicates the number of seconds the respondent maintained their balance during the semi-tandem standing test. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent did not understand and agree to the test, or if the respondent had any problems from recent surgery, injury or other health conditions that might prevent them from standing up from a chair and balancing. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwSEMIDONE and SwSEMITAN indicate whether the respondent's current wave's spouse completed the semi-tandem standing test and the number of seconds they completed the semi-tandem standing test, and their values are taken from RwSEMIDONE and RwSEMITAN. In addition to the special missing codes employed by RwSEMIDONE and RwSEMITAN, SwSEMIDONE and SwSEMITAN employ two additional special missing codes. 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.

RwSEMICOMP indicates whether the respondent was willing and able to complete the semi-tandem standing test. RwSEMICOMP is coded as 1 if the respondent was willing and able to complete the semi-tandem standing test. RwSEMICOMP is coded as 0 if the respondent did not understand the directions, was

unwilling to provide the measurement, or had problems from recent surgery, injury or other health conditions that might prevent them from standing up from a chair and balancing. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwSEMICOMP indicates whether the respondent's current wave's spouse was willing and able to complete the semi-tandem standing test, and its values are taken from RwSEMICOMP. In addition to the special missing codes employed by RwSEMICOMP, SwSEMICOMP employs two additional special missing codes. 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.

RwSBSDONE indicates whether the respondent maintained balance for the full 10 seconds of the side-by-side standing test without stepping out of place or grabbing hold of anything. A code of 1 indicates the respondent maintained balance for the full time, while a 0 indicates the respondent held the side-by-side standing test for less than 10 seconds. RwsBSTAN indicates the number of seconds the respondent maintained their balance during the side-by-side standing test. Only respondents who were not able to maintain balance for 10 seconds in the semi-tandem test performed the side-by-side test. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .t is employed if the respondent was able to maintain balance for 10 seconds in the semi-tandem test and so was not asked to perform the side-by-side test. Special missing .n is employed if the measurements were skipped because the respondent did not understand and agree to the test, if the respondent had any problems from recent surgery, injury or other health conditions that might prevent them from standing up from a chair and balancing, or if the respondent completed the semi-tandem standing test. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwSBSDONE indicates whether the respondent's current wave's spouse completed the side-by-side standing test, and its values are taken from RwsSBSDONE. In addition to the special missing codes employed by RwsSBSDONE, SwSBSDONE employs two additional special missing codes. 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.

RwSBSCOMP indicates whether the respondent was willing and able to complete the side-by-side standing test. RwsSBSCOMP is coded as 1 if the respondent was willing and able to complete the side-by-side standing test. RwsSBSCOMP is coded as 0 if the respondent did not understand the directions, was unwilling to provide the measurement, or had problems from recent surgery, injury or other health conditions that might prevent them from standing up from a chair and balancing. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .t is employed if the respondent was able to maintain balance for 10 seconds in the semi-tandem test and so was not asked to perform the side-by-side test. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwSBSCOMP indicates whether the respondent's current wave's spouse was willing and able to complete the side-by-side standing test, and its values are taken from RwsSBSCOMP. In addition to the special missing codes employed by RwsSBSCOMP, SwSBSCOMP employs two additional special missing codes. 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.

RwFULLDONE indicates whether the respondent maintained balance for the full 30/60 seconds during the full-tandem standing test. Respondents aged younger than 70 were expected to hold the full-tandem standing test for 60 seconds, while respondents aged 70 and older were expected to hold the full-tandem standing test for 30 seconds. A code of 1 indicates the respondent maintained balance for the full time, while a 0 indicates the respondent held the full-tandem standing test for less than the expected time for their age group. RwfULLTAN indicates the number of seconds the respondent maintained their balance during the full-tandem standing test. Only respondents who maintained the semi-tandem position for the full 10 seconds performed the full-tandem test. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .t is employed if the respondent was not able to maintain balance for 10 seconds in the semi-tandem test and so was not asked to perform the full-tandem test. Special missing .n is employed if the measurements were skipped because the respondent

did not understand and agree to the test, if the respondent had any problems from recent surgery, injury or other health conditions that might prevent them from standing up from a chair and balancing, or if the respondent did not complete the semi-tandem standing test. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwFULLDONE indicates whether the respondent's current wave's spouse completed the full-tandem standing test, and its values are taken from RwFULLDONE. In addition to the special missing codes employed by RwFULLDONE, SwFULLDONE employs two additional special missing codes. 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.

RwFULLCOMP indicates whether the respondent was willing and able to complete the full-tandem standing test. RwFULLCOMP is coded as 1 if the respondent was willing and able to complete the full-tandem standing test. RwFULLCOMP is coded as 0 if the respondent did not understand the directions, was unwilling to provide the measurement, or had problems from recent surgery, injury or other health conditions that might prevent them from standing up from a chair and balancing. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .t is employed if the respondent was not able to maintain balance for 10 seconds in the semi-tandem test and so was not asked to perform the full-tandem test. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwFULLCOMP indicates whether the respondent's current wave's spouse was willing and able to complete the full-tandem standing test, and its values are taken from RwFULLCOMP. In addition to the special missing codes employed by RwFULLCOMP, SwFULLCOMP employs two additional special missing codes. 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.

RwBALANCE indicates the assigned highest balance level of the respondent. A code of 1 indicates the respondent did not complete the maximum time for the semi-tandem or the side-by-side tests. A code of 2 indicates the respondent did not complete the maximum time for the semi-tandem test, but did complete the maximum time for the side-by-side test. A code of 3 indicates the respondent completed the maximum time for the semi-tandem test, but did not complete the maximum expected time for the full-tandem test. A code of 4 indicates the respondent completed the maximum time for the semi-tandem test and for the full-tandem test. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent did not understand and agree to the test, or if the respondent had any problems from recent surgery, injury or other health conditions that might prevent them from standing up from a chair and balancing. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwBALANCE indicates the highest balance level of the respondent's current wave's spouse, and its values are taken from RwBALANCE. In addition to the special missing codes employed by RwBALANCE, SwBALANCE employs two additional special missing codes. 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.

RwBALFLR indicates the type of floor on which the respondent attempted the balance tests. RwBALFLR is coded as follows: 1.wood/tile/linoleum, 2.concrete, 3.kutchha/mud. RwBALCOMPL indicates how compliant the respondent was during the balance tests. RwBALCOMPL is coded as follows: 1.fully compliant, 2.prevented from fully complying due to illness, pain, or other symptoms or discomforts, 3.not fully compliant, but no obvious reason for this. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent did not understand and agree to the test, or if the respondent had any problems from recent surgery, injury or other health conditions that might prevent them from standing up from a chair and balancing. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwBALFLR indicates the type of floor on which the respondent's current wave's spouse attempted the balance tests, and its values are taken from RwBALFLR. SwBALCOMPL indicates how compliant the respondent's current wave's spouse was during the balance tests, and its values are taken from

RwBALCOMPL. In addition to the special missing codes employed by RwBALFLR and RwBALCOMPL, SwBALFLR and SwBALCOMPL employ two additional special missing codes. 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.

RwSEMITANC, RwsBSTANC, and RwfULLTANC indicate whether the respondent used compensatory movements of their trunk, arms or legs to steady themselves during the semi-tandem stand, side-by-side stand, and full-tandem stand, respectively. RwSEMITANC, RwsBSTANC, and RwfULLTANC are coded as 0 if the respondent did not use any compensatory movements during the stand, and are coded as 1 if the respondent did use compensatory movements during the stand. Special missing .t is employed for RwsBSTANC if the respondent was able to maintain balance for 10 seconds in the semi-tandem test and so was not asked to perform the side-by-side test. Special missing .t is employed for RwfULLTANC if the respondent was not able to maintain balance for 10 seconds in the semi-tandem test and so was not asked to perform the full-tandem test. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent did not understand and agree to the test, or if the respondent had any problems from recent surgery, injury or other health conditions that might prevent them from standing up from a chair and balancing. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwSEMITANC, SwSBSTANC, and SwFULLTANC indicates whether the respondent's current wave's spouse used compensatory movements during the semi-tandem stand, side-by-side stand, and full-tandem stand, respectively, and their values are taken from RwSEMITANC, RwsBSTANC, and RwfULLTANC. In addition to the special missing codes employed by RwSEMITANC, RwsBSTANC, and RwfULLTANC, SwSEMITANC, SwSBSTANC, and SwFULLTANC employ two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The Harmonized HRS has additional variables indicating the reasons that the respondent did not complete the balance tests (RwBALSFT, RwBALREF, RwBALTRYU, RwbALEQUP, RwBALOTHR). The LASI does not ask for further reasons the respondent did not complete the balance tests, so these variables are not available in the Harmonized LASI.

LASI Variables Used

Wave 1 Biomarkers:

BM036	Balance test_history of recent surgery, injury o
BM037	Balance test_semi tandem_consent
BM038	Balance test_semi tandem_able to perform for 10
BM039	Balance test_semi-tandem able to perform_time du
BM040	Semi-tandem stand use any compensatory movement
BM041	Balance test_side by side_consent
BM042	Balance test_side by side_completed
BM043	Balance test_side by side able to perform_time d
BM044	Side by side stand use any compensatory movement
BM045	Balance test_side by side_type of floor surface
BM046	Balance test_respondent's compliance
BM048	Balance test_full tandem_consent
BM049_IWER	Balance test_full tandem_completed test
BM050	Balance test_full tandem able to perform_time d
BM051_IWER	Full tandem stand use any compensatory movement
BM052	Balance test_full tandem_type of floor surface
BM053_IWER	Balance test_full tandem_compliance

Timed Walk Measurements

Wave	Variable	Label	Type
1	R1WSPEED1	rlwspeed1:w1 r walking speed 1(sec)	Cont
1	S1WSPEED1	slwspeed1:w1 s walking speed 1(sec)	Cont
1	R1WSPEED2	rlwspeed2:w1 r walking speed 2(sec)	Cont
1	S1WSPEED2	slwspeed2:w1 s walking speed 2(sec)	Cont
1	R1WSPEED	rlwspeed:w1 r average walking speed(sec)	Cont
1	S1WSPEED	slwspeed:w1 s average walking speed(sec)	Cont
1	R1WALKCOMP	rlwalkcomp:w1 r willing and able to complete walking test	Categ
1	S1WALKCOMP	slwalkcomp:w1 s willing and able to complete walking test	Categ
1	R1WALKCOMPL	rlwalkcompl:w1 r compliance during walking speed test	Categ
1	S1WALKCOMPL	slwalkcompl:w1 s compliance during walking speed test	Categ
1	R1WALKAID	rlwalkaid:w1 type aid used during r's walking speed test	Categ
1	S1WALKAID	slwalkaid:w1 type aid used during s's walking speed test	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WSPEED1	65310	5.43	1.87	0.38	49.87
S1WSPEED1	45655	5.20	1.54	0.38	49.50
R1WSPEED2	65310	5.35	1.86	0.26	60.00
S1WSPEED2	45655	5.12	1.54	0.26	60.00
R1WSPEED	65310	5.39	1.85	0.32	48.44
S1WSPEED	45655	5.16	1.52	0.32	48.44
R1WALKCOMP	66676	0.98	0.14	0.00	1.00
S1WALKCOMP	46383	0.98	0.12	0.00	1.00
R1WALKCOMPL	65310	1.00	0.05	1.00	3.00
S1WALKCOMPL	45655	1.00	0.04	1.00	3.00
R1WALKAID	65311	1.02	0.17	1.00	5.00
S1WALKAID	45656	1.01	0.14	1.00	5.00

Categorical Variable Codes

Value-----	R1WALKCOMP
.d:DK	3

.m:Missing		39
.r:Refuse		77
.s:Not in physical measure		6613
0.no		1367
1.yes		65309

Value-----		S1WALKCOMP
.m:Missing		23
.r:Refuse		42
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
0.no		728
1.yes		45655

Value-----		R1WALKCOMPL
.m:Missing		117
.n:Not willing/able		1367
.r:Refuse		1
.s:not in physical measure		6613
1.fully compliant		65168
2.prevented from being fully compliant		127
3.not fully compliant		15

Value-----		S1WALKCOMPL
.m:Missing		64
.n:Not willing/able		728
.r:Refuse		1
.s:not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.fully compliant		45592
2.prevented from being fully compliant		57
3.not fully compliant		6

Value-----		R1WALKAID
.m:Missing		117
.n:Not willing/able		1367
.s:Not in physical measure		6613
1.none		64251
2.walking stick or cane		957
3.elbow crutches		21
4.walking frame		50
5.other		32

Value-----		S1WALKAID
.m:Missing		64
.n:Not willing/able		728
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.none		45200
2.walking stick or cane		413
3.elbow crutches		10
4.walking frame		15
5.other		18

How Constructed

RwWSPEED1 and RwWSPEED2 indicate the first and second walking speeds of the respondent across a 4-meter, non-carpeted area. RwWSPEED indicates the average of the first and second walking speeds of the respondent. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent did not understand and agree to the test, or if the respondent had any problems from recent surgery, injury or other health conditions that might prevent them from walking. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwWSPEED1, SwWSPEED2 and SwWSPEED indicates the first, second, and average walking speeds of the current wave's spouse, and is taken from the spouse's values to RwWSPEED1, RwWSPEED2, and RwWSPEED. In addition to the special missing codes used for RwWSPEED1, RwWSPEED2, and RwWSPEED, SwWSPEED1, SwWSPEED2 and SwWSPEED 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.

RwWALKCOMP indicates whether the respondent was willing and able to complete the walking speed tests. RwWALKCOMP is coded as 1 if the respondent was willing and able to complete the walking speed tests. RwWALKCOMP is coded as 0 if the respondent did not understand and agree to the test, or if the respondent had any problems from recent surgery, injury or other health conditions that might prevent them from walking. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwWALKCOMP indicates whether the respondent's current wave's spouse was willing and able to complete the walking tests, and its value is taken from RwWALKCOMP. In addition to the special missing codes employed by RwWALKCOMP, SwWALKCOMP employs two additional special missing codes. 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.

RwWALKCOMPL indicates how compliant the respondent was during the walking speed tests. RwWALKCOMPL is coded as follows: 1.fully compliant, 2.prevented from fully complying due to illness, pain, or other symptoms or discomforts, 3.not fully compliant, but no obvious reason for this. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent did not understand and agree to the test, or if the respondent had any problems from recent surgery, injury or other health conditions that might prevent them from walking. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwWALKCOMPL indicates how compliant the respondent's current wave's spouse was during the walking tests, and its value is taken from RwWALKCOMPL. In addition to the special missing codes employed by RwWALKCOMPL, SwWALKCOMPL employs two additional special missing codes. 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.

RwWALKAID indicates the type of aid used by the respondent during the walking speed assessments. RwWALKAID is coded as follows: 1.none, 2.walking stick or cane, 3.elbow crutches, 4.walking frame, and 5.other. Don't know, refused, or other missing responses are coded as special missing values .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent did not understand and was not willing to complete the test, or if the respondent had any problems from a recent surgery, injury, or other health conditions that might prevent them from walking. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwWALKAID indicates the type of aid used by the respondent's spouse during the walking speed assessments, and is taken from RwWALKAID. In addition to the special missing codes employed by RwWALKAID, SwWALKAID employs two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The Harmonized HRS conducts the walking speed test at a distance of 12 feet, but the Harmonized LASI conducts the walking speed test at a distance of 4 meters (13.12 feet). The Harmonized HRS has additional variables indicating the reasons that the respondent did not complete the walking speed tests (RwWALKSFT, RwWALKREF, RwWALKTRYU, RwWALKEQUP, RwWALKOTHR), and the type of floor the walking speed tests took place

on (RwWALKFLR). The LASI does not ask for further reasons the respondent did not complete the walking speed tests, so these variables are not available in the Harmonized LASI. The Harmonized LASI also contains RwWALKCOMPL, indicating the respondent's level of compliance, which is not asked in the HRS and so is not available in the Harmonized HRS or RAND HRS.

LASI Variables Used

Wave 1 Biomarkers:	
BM054	Timed walk_history of recent surgery, injury or
BM055	Timed walk_consent
BM056	Timed walk_1st measurement
BM057	Timed walk_2nd measurement
BM058	Timed walk_type of aid used
BM059	Timed walk_compliance

Height, Weight, Waist and Hip Measurements

Wave	Variable	Label	Type
1	R1MHEIGHT	rlmheight:w1 r height measurement in meters	Cont
1	S1MHEIGHT	slmheight:w1 s height measurement in meters	Cont
1	R1MWEIGHT	rlmweight:w1 r weight measurement in kilograms	Cont
1	S1MWEIGHT	slmweight:w1 s weight measurement in kilograms	Cont
1	R1MBMI	rlmbmi:w1 r measured Body Mass Index=kg/m2	Cont
1	S1MBMI	slmbmi:w1 s measured Body Mass Index=kg/m2	Cont
1	R1MBMICAT	rlmbmicat:w1 r measured BMI categorization	Categ
1	S1MBMICAT	slmbmicat:w1 s measured BMI categorization	Categ
1	R1HTCOMP	rlhtcomp:w1 r willing and able to complete height measuremen	Categ
1	S1HTCOMP	slhtcomp:w1 s willing and able to complete height measuremen	Categ
1	R1WTCOMP	rlwtcomp:w1 r willing and able to complete weight measuremen	Categ
1	S1WTCOMP	slwtcomp:w1 s willing and able to complete weight measuremen	Categ
1	R1HTLIMBS	rlhtlimbs:w1 r wearing artificial limb/orthosis for height m	Categ
1	S1HTLIMBS	slhtlimbs:w1 s wearing artificial limb/orthosis for height m	Categ
1	R1HTCOMPL	rlhtcompl:w1 r compliance during height measurement	Categ
1	S1HTCOMPL	slhtcompl:w1 s compliance during height measurement	Categ
1	R1WTLIMBS	rlwtlimbs:w1 r wearing artificial limb/orthosis for weight m	Categ
1	S1WTLIMBS	slwtlimbs:w1 s wearing artificial limb/orthosis for weight m	Categ
1	R1WTCOMPL	rlwtcompl:w1 r compliance during weight measurement	Categ
1	S1WTCOMPL	slwtcompl:w1 s compliance during weight measurement	Categ
1	R1MWAIST	rlmwaist:w1 r waist measurement in cm	Cont
1	S1MWAIST	slmwaist:w1 s waist measurement in cm	Cont
1	R1MHIP	rlmhip:w1 r hip measurement in cm	Cont
1	S1MHIP	slmhip:w1 s hip measurement in cm	Cont
1	R1MWHRATIO	rlmwhratio:w1 r measured waist-hip ratio	Cont
1	S1MWHRATIO	slmwhratio:w1 s measured waist-hip ratio	Cont
1	R1WATCOMP	rlwatcomp:w1 r willing and able to complete waist measuremen	Categ
1	S1WATCOMP	slwatcomp:w1 s willing and able to complete waist measuremen	Categ
1	R1HIPCOMP	rlhipcomp:w1 r willing and able to complete hip measurement	Categ

1	S1HIPCOMP	s1hipcomp:w1 s willing and able to complete hip measurement	Categ
1	R1BULKY	rlbulky:w1 r wearing bulky clothes for waist measurement	Categ
1	S1BULKY	slbulky:w1 s wearing bulky clothes for waist measurement	Categ
1	R1HIPDIFF	rlhipdiff:w1 r any difficulty during hip measurement	Categ
1	S1HIPDIFF	s1hipdiff:w1 s any difficulty during hip measurement	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MHEIGHT	66109	1.55	0.09	0.57	1.96
S1MHEIGHT	46090	1.57	0.09	0.85	1.96
R1MWEIGHT	66100	55.57	13.04	14.10	149.10
S1MWEIGHT	46086	56.76	12.84	14.10	149.10
R1MBMI	66100	22.95	4.78	4.36	145.59
S1MBMI	46086	23.08	4.65	4.36	63.41
R1MBMICAT	66100	2.22	0.87	1.00	6.00
S1MBMICAT	46086	2.24	0.86	1.00	6.00
R1HTCOMP	66700	0.99	0.09	0.00	1.00
S1HTCOMP	46391	0.99	0.08	0.00	1.00
R1WTCOMP	66693	0.99	0.09	0.00	1.00
S1WTCOMP	46388	0.99	0.08	0.00	1.00
R1HTLIMBS	66109	0.01	0.10	0.00	1.00
S1HTLIMBS	46090	0.01	0.10	0.00	1.00
R1HTCOMPL	66109	1.00	0.06	1.00	3.00
S1HTCOMPL	46090	1.00	0.05	1.00	3.00
R1WTLIMBS	66106	0.00	0.02	0.00	1.00
S1WTLIMBS	46089	0.00	0.02	0.00	1.00
R1WTCOMPL	66105	1.00	0.06	1.00	3.00
S1WTCOMPL	46088	1.00	0.05	1.00	3.00
R1MWAIST	66077	85.58	13.17	21.60	789.10
S1MWAIST	46077	85.89	12.69	27.00	160.70
R1MHIP	66079	91.63	11.04	26.40	963.60
S1MHIP	46077	91.78	11.01	32.20	963.60

R1MWHRATIO	66070	0.93	0.09	0.09	9.01
S1MWHRATIO	46074	0.93	0.08	0.09	2.65
R1WATCOMP	66668	0.99	0.09	0.00	1.00
S1WATCOMP	46378	0.99	0.08	0.00	1.00
R1HIPCOMP	66670	0.99	0.09	0.00	1.00
S1HIPCOMP	46378	0.99	0.08	0.00	1.00
R1BULKY	66101	0.08	0.27	0.00	1.00
S1BULKY	46085	0.07	0.26	0.00	1.00
R1HIPDIFF	66099	0.01	0.08	0.00	1.00
S1HIPDIFF	46083	0.00	0.06	0.00	1.00

Categorical Variable Codes

Value-----	R1MBMICAT
.d:DK	2
.i:invalid	2
.m:Missing	94
.n:Not willing/able	591
.r:Refuse	6
.s:Not in physical measure	6613
1.underweight (less than 18.4)	11685
2.normal weight (18.5-24.9)	34414
3.overweight (25.0-29.9)	14893
4.obesity class 1 (30-34.9)	4078
5.obesity class 2 (35-39.9)	841
6.obesity class 3 (>=40)	189

Value-----	S1MBMICAT
.d:DK	1
.i:invalid	1
.m:Missing	56
.n:Not willing/able	301
.r:Refuse	3
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
1.underweight (less than 18.4)	7452
2.normal weight (18.5-24.9)	24409
3.overweight (25.0-29.9)	10685
4.obesity class 1 (30-34.9)	2845
5.obesity class 2 (35-39.9)	577
6.obesity class 3 (>=40)	118

Value-----	R1HTCOMP
.d:DK	3
.m:Missing	38
.r:Refuse	54
.s:Not in physical measure	6613
0.no	591
1.yes	66109

Value-----	S1HTCOMP
.d:DK	1
.m:Missing	23
.r:Refuse	33
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662

0.no		301
1.yes		46090

Value-----		R1WTCOMP
.d:DK		5
.m:Missing		38
.r:Refuse		59
.s:Not in physical measure		6613
0.no		591
1.yes		66102

Value-----		S1WTCOMP
.d:DK		2
.m:Missing		23
.r:Refuse		35
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
0.no		301
1.yes		46087

Value-----		R1HTLIMBS
.m:Missing		686
.s:Not in physical measure		6613
0.no		65486
1.yes		623

Value-----		S1HTLIMBS
.m:Missing		358
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
0.no		45646
1.yes		444

Value-----		R1HTCOMPL
.m:Missing		95
.n:Not willing/able		591
.s:not in physical measure		6613
1.fully compliant		65952
2.prevented from being fully compliant		138
3.not fully compliant		19

Value-----		S1HTCOMPL
.m:Missing		57
.n:Not willing/able		301
.s:not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.fully compliant		46019
2.prevented from being fully compliant		62
3.not fully compliant		9

Value-----		R1WTLIMBS
.m:Missing		686
.r:Refuse		3
.s:Not in physical measure		6613
0.no		66073
1.yes		33

Value-----		S1WTLIMBS
.m:Missing		358
.r:Refuse		1
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
0.no		46065
1.yes		24

Value-----		R1WTCOMPL
.m:Missing		95

.n:Not willing/able	591
.r:Refuse	4
.s:not in physical measure	6613
1.fully compliant	65958
2.prevented from being fully compliant	122
3.not fully compliant	25

Value-----	S1WTCOMPL
.m:Missing	57
.n:Not willing/able	301
.r:Refuse	2
.s:not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
1.fully compliant	46018
2.prevented from being fully compliant	55
3.not fully compliant	15

Value-----	R1WATCOMP
.d:DK	4
.m:Missing	40
.r:Refuse	83
.s:Not in physical measure	6613
0.no	591
1.yes	66077

Value-----	S1WATCOMP
.d:DK	1
.m:Missing	25
.r:Refuse	44
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
0.no	301
1.yes	46077

Value-----	R1HIPCOMP
.d:DK	5
.m:Missing	38
.r:Refuse	82
.s:Not in physical measure	6613
0.no	591
1.yes	66079

Value-----	S1HIPCOMP
.d:DK	2
.m:Missing	23
.r:Refuse	45
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
0.no	301
1.yes	46077

Value-----	R1BULKY
.m:Missing	95
.n:Not willing/able	591
.r:Refuse	8
.s:Not in physical measure	6613
0.no	60818
1.yes	5283

Value-----	S1BULKY
.m:Missing	57
.n:Not willing/able	301
.r:Refuse	5
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
0.no	42705
1.yes	3380

Value-----	R1HIPDIFF
.m:Missing	96
.n:Not willing/able	591
.r:Refuse	9
.s:Not in physical measure	6613
0.no	65670
1.yes	429

Value-----	S1HIPDIFF
.m:Missing	58
.n:Not willing/able	301
.r:Refuse	6
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
0.no	45888
1.yes	195

How Constructed

RwMHEIGHT and RwmWEIGHT indicate the respondent's measured height in meters and measured weight in kg, respectively. If the respondent is wearing an artificial limb or orthosis during the weight measurement, then the weight of the artificial limb is subtracted from the respondent's weight, to provide the respondent's weight without the artificial limb in RwmWEIGHT. RwmBMI is the respondent's body mass index and it is derived by dividing the respondent's weight (kg) by the squared value of their height (m). RwmBMICAT is the BMI category according to the WHO, and is coded as follows: 1.underweight (less than 18.4), 2.normal weight (18.5-24.9), 3.overweight (25.0-29.9), 4.obesity class 1 (30-34.9), 5.obesity class 2 (35-39.9), and 6.obesity class 3 (40 and greater). Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent could not stand to complete the test. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Special missing .i is assigned to RwmWEIGHT and RwmBMI for negative values resulting from the subtraction of the weight of the artificial limb from the respondent's body weight. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwMHEIGHT, SwMWEIGHT, SwMBMI, and SwMBMICAT indicate the measured height, weight, body mass index, and BMI categorization of the current wave's spouse, respectively. Their values are taken from the spouse's values to RwmHEIGHT, RwmWEIGHT, RwmBMI, and RwmBMICAT. In addition to the special missing codes used for RwmHEIGHT, RwmWEIGHT, RwmBMI, and RwmBMICAT, SwMHEIGHT, SwMWEIGHT, SwMBMI, and SwMBMICAT employ two additional 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.

RwHTCOMP and RwWTCOMP indicate whether the respondent was willing and able to complete the height and weight measurements, respectively. RwHTCOMP and RwWTCOMP are coded as 1 if the respondent was able to complete the measurement, even if it was deemed invalid, and are coded as 0 if the respondent could not complete the measurement or was not able to stand to complete the measurement. RwHTLIMBS and RwWTLIMBS indicate whether the respondent was wearing any artificial limbs or orthosis during the height and weight measurements, respectively. RwHTLIMBS and RwWTLIMBS are coded as 1 if the respondent was wearing an artificial limb or orthosis during the measurement, and as 0 if the respondent was not wearing any artificial limb or orthosis. RwHTCOMPL and RwWTCOMPL indicate how compliant the respondent was during the height and weight measurements, respectively. RwHTCOMPL and RwWTCOMPL are coded as follows: 1.fully compliant, 2.prevented from fully complying due to illness, pain, or other symptoms or discomforts, 3.not fully compliant, but no obvious reason for this. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed for RwHTCOMPL, RwWTCOMPL, RwHTLIMBS, and RwWTLIMBS if the measurements were skipped because the respondent could not stand to complete the test. Special missing .s is assigned to RwHTCOMP, RwWTCOMP, RwHTLIMBS, RwWTLIMBS, RwHTCOMPL, and RwWTCOMPL if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwHTCOMP and SwWTCOMP indicate whether the respondent's current wave's spouse was willing and able to complete the height and weight measurements, respectively. Their values are taken from the spouse's values to RwHTCOMP and RwWTCOMP. SwHTLIMBS and SwWTLIMBS indicate whether the respondent's current wave's spouse was wearing an artificial limb or orthosis during the height and weight measurement, respectively.

Their values are taken from the spouse's values to RwhTLIMBS and RwwTLIMBS. SwHTCOMPL and SwWTCOMPL indicate how compliant the respondent's current wave's spouse was during the height and weight measurements, respectively. Their values are taken from the spouse's values to RwhTCOMPL and RwwTCOMPL. In addition to the special missing codes used for the respondent variables, the spouse variables employ two additional 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.

RwMWAIST and RwmHIP indicate the respondent's measured waist and hip circumferences in centimeters, respectively. RwmWHR is the respondent's measured waist-to-hip ratio and it is derived by dividing the respondent's waist circumference (centimeters) by the respondent's hip circumference (centimeters). Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent could not stand to complete the test. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwMWAIST, SwMHIP, and SwMWHR indicate the measured waist circumference, hip circumference, and waist-to-hip ratio of the current wave's spouse, respectively. Their values are taken from the spouse's values to RmMWAIST, RmMHIP, and RmWHR. In addition to the special missing codes used for RmMWAIST, RmMHIP, and RmWHR, SwMWAIST, SwMHIP, and SwMWHR employ two additional 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.

RwWATCOMP and RwhIPCOMP indicate whether the respondent was willing and able to complete the waist and hip circumference measurements, respectively. RwWATCOMP and RwhIPCOMP are coded as 1 if the respondent was able to complete the measurement, and are coded as 0 if the respondent was not able to complete the measurement or could not stand to complete the test. RwbULKY indicates whether the respondent was wearing bulky clothing during the waist and hip circumference measurements. RwbULKY is coded as 1 if the respondent was wearing bulky clothing, and is coded as 0 if the respondent was not wearing bulky clothing. RwhIPDIFF indicates whether any difficulties occurred during the hip circumference measurement. RwhIPDIFF is coded as 1 if the respondent had difficulties during the measurement, and is coded as 0 if the respondent had no difficulties during the measurement. Difficulties include if the respondent had breathing difficulties, was unable to hold their breath at the end of the exhale, was prevented from giving full effort by illness, pain, or other symptoms or discomforts, did not appear to give full effort but there was no obvious reason for this, had difficulty or was unable to locate the navel, or other difficulties. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .n is employed if the measurements were skipped because the respondent could not stand to complete the test. Special missing .s is assigned if the respondent did not participate in the physical measure survey. Plain missing (.) is employed for respondents who did not respond to the current wave.

SwWATCOMP and SwHIPCOMP indicate whether the respondent's current wave's spouse was willing and able to complete the waist and hip circumference measurements, respectively. Their values are taken from the spouse's values to RwwWATCOMP and RwwHIPCOMP. SwBULKY and SwHIPDIFF indicate whether the respondent's current wave's spouse was wearing bulky clothing or had difficulties during the measurements, respectively. Their values are taken from the spouse's values to RwbULKY and RwhIPDIFF. In addition to the special missing codes used for RwwWATCOMP, RwwHIPCOMP, RwbULKY, and RwhIPDIFF, SwWATCOMP, SwHIPCOMP, SwBULKY, and SwHIPDIFF employ two additional 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS does not complete a hip measurement, so hip measurement related variables are not available in the Harmonized HRS or RAND HRS. The HRS asks whether the respondent was wearing shoes during the height and weight measurements and what type of floor the height measurement was taken on, recorded in RwsHOEH, RwsHOEW, and RwhTFLR, respectively, in the Harmonized HRS, but these are not asked and are not available

in the Harmonized LASI. The Harmonized HRS has additional variables indicating the reasons that the respondent did not complete the height measurements (RwHGHTSFT, RwHGHTREF, RwHGHTTRYU, RwHGHTEQUP, RwHGHTOTHR), the weight measurements (RwWGHTSFT, RwWGHTREF, RwWGHTTRYU, RwWGHTEQUP, RwWGHTOTHR), and the waist measurements (RwWSTSFT, RwWSTREF, RwWSTTRYU, RwWSTEQUP, RwWSTOTHR). The LASI does not ask for further reasons the respondent did not complete the height, weight, and waist measurements, so these variables are not available in the Harmonized LASI.

LASI Variables Used

Wave 1 Biomarkers:

BM066	Height measurement_ability to stand
BM067	Height measurement_reading (cms)
BM068	Height measurement_use of artificial limbs or or
BM069	Height measurement_compliance
BM071	Weight measurement_reading (kg)
BM072	Weight measurement_use of artificial limbs or or
BM073	Weight of the artificial limb
BM074	Weight measurement_compliance
BM076	Waist circumference_reading
BM077	Waist circumference_Wearing bulky clothes
BM079	Hip circumference_reading
BM080S1	Difficulties during measurement_none
BM080S2	Difficulties during measurement_had breathing di
BM080S3	Difficulties during measurement_was unable to ho
BM080S4	Difficulties during measurement_prevented from g
BM080S5	Difficulties during measurement_did not appear t
BM080S6	Difficulties during measurement_had difficulty o
BM080S7	Difficulties during measurement_other (specify):

Vision Tests

Wave	Variable	Label	Type
1	R1LVSN2FT	r1lvsn2ft:w1 r see light & count fingers 2 ft in front - lef	Categ
1	S1LVSN2FT	s1lvsn2ft:w1 s see light & count fingers 2 ft in front - lef	Categ
1	R1RVSN2FT	r1rvsn2ft:w1 r see light & count fingers 2ft in front - righ	Categ
1	S1RVSN2FT	s1rvsn2ft:w1 s see light & count fingers 2ft in front - righ	Categ
1	R1LVSN2DST	r1lvsn2dst:w1 r distance vision - left eye	Categ
1	S1LVSN2DST	s1lvsn2dst:w1 s distance vision - left eye	Categ
1	R1RVSN2DST	r1rvsn2dst:w1 r distance vision - right eye	Categ
1	S1RVSN2DST	s1rvsn2dst:w1 s distance vision - right eye	Categ
1	R1LVSN2NR	r1lvsn2nr:w1 r near vision - left eye	Categ
1	S1LVSN2NR	s1lvsn2nr:w1 s near vision - left eye	Categ
1	R1RVSN2NR	r1rvsn2nr:w1 r near vision - right eye	Categ
1	S1RVSN2NR	s1rvsn2nr:w1 s near vision - right eye	Categ
1	R1DSTVI	r1dstvi:w1 r distance visual impairment in better eye	Categ
1	S1DSTVI	s1dstvi:w1 s distance visual impairment in better eye	Categ
1	R1NRVI	r1nrvi:w1 r near visual impairment in better eye	Categ
1	S1NRVI	s1nrvi:w1 s near visual impairment in better eye	Categ
1	R1UPRSBYP	rluprsbyp:w1 r uncorrected presbyopia	Categ
1	S1UPRSBYP	sluprsbyp:w1 s uncorrected presbyopia	Categ
1	R1VSNCOMPL	r1vsncmpl:w1 r compliance during vision test	Categ
1	S1VSNCOMPL	s1vsncmpl:w1 s compliance during vision test	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LVSN2FT	66666	0.97	0.17	0.00	1.00
S1LVSN2FT	46381	0.98	0.14	0.00	1.00
R1RVSN2FT	66667	0.97	0.16	0.00	1.00
S1RVSN2FT	46382	0.98	0.14	0.00	1.00
R1LVSN2DST	65655	4.65	3.05	1.00	14.00
S1LVSN2DST	45640	4.31	2.84	1.00	14.00
R1RVSN2DST	65640	4.75	3.02	1.00	14.00

S1RVSNDST	45642	4.43	2.83	1.00	14.00
R1LVSNNR	65649	6.50	2.42	1.00	14.00
S1LVSNNR	45633	6.28	2.28	1.00	14.00
R1RVSNNR	65643	6.50	2.40	1.00	14.00
S1RVSNNR	45636	6.29	2.27	1.00	14.00
R1DSTVI	65680	1.55	0.86	1.00	4.00
S1DSTVI	45659	1.46	0.79	1.00	4.00
R1NRVI	65673	2.36	0.90	1.00	4.00
S1NRVI	45650	2.30	0.90	1.00	4.00
R1UPRSBYP	65676	0.45	0.50	0.00	1.00
S1UPRSBYP	45657	0.47	0.50	0.00	1.00
R1VSNCOMPL	66108	1.01	0.08	1.00	3.00
S1VSNCOMPL	46127	1.00	0.07	1.00	3.00

Categorical Variable Codes

Value-----	R1LVS2FT
.d:DK	11
.m:Missing	37
.r:Refuse	81
.s:Not in physical measure	6613
0.no	1915
1.yes	64751

Value-----	S1LVS2FT
.d:DK	4
.m:Missing	22
.r:Refuse	41
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
0.no	954
1.yes	45427

Value-----	R1RVS2FT
.d:DK	12
.m:Missing	37
.r:Refuse	79
.s:Not in physical measure	6613
0.no	1850
1.yes	64817

Value-----	S1RVS2FT
.d:DK	5
.m:Missing	22
.r:Refuse	39
.s:Not in physical measure	3704
.u:Unmar	16594
.v:SP NR	6662
0.no	935
1.yes	45447

Value-----	R1LVSNDST
------------	-----------

.d:DK		11
.m:Missing		1048
.r:Refuse		81
.s:Not in physical measure		6613
1.20/20		6564
2.20/25		9373
3.20/32		11952
4.20/40		10772
5.20/50		8398
6.20/63		5703
7.20/80		3541
8.20/100		2279
9.20/125		1600
10.20/160		1397
11.20/200		838
12.20/250		464
13.20/320		408
14.blind		2366

Value-----		S1LVSNDST
.d:DK		4
.m:Missing		763
.r:Refuse		41
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.20/20		5207
2.20/25		7304
3.20/32		8904
4.20/40		7646
5.20/50		5659
6.20/63		3679
7.20/80		2125
8.20/100		1275
9.20/125		917
10.20/160		765
11.20/200		492
12.20/250		249
13.20/320		219
14.blind		1199

Value-----		R1RVSNDST
.d:DK		12
.m:Missing		1064
.r:Refuse		79
.s:Not in physical measure		6613
1.20/20		5833
2.20/25		8548
3.20/32		11725
4.20/40		11120
5.20/50		9054
6.20/63		5913
7.20/80		3850
8.20/100		2435
9.20/125		1627
10.20/160		1435
11.20/200		884
12.20/250		497
13.20/320		394
14.blind		2325

Value-----		S1RVSNDST
.d:DK		5
.m:Missing		762
.r:Refuse		39
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.20/20		4591
2.20/25		6644
3.20/32		8828

4.20/40		7926
5.20/50		6195
6.20/63		3794
7.20/80		2365
8.20/100		1350
9.20/125		952
10.20/160		830
11.20/200		489
12.20/250		258
13.20/320		220
14.blind		1200

Value-----		R1LVSNRR
.d:DK		11
.m:Missing		1054
.r:Refuse		81
.s:Not in physical measure		6613
1.20/20		359
2.20/25		744
3.20/32		2688
4.20/40		9392
5.20/50		7731
6.20/63		17417
7.20/80		10990
8.20/100		6184
9.20/125		3667
10.20/160		2208
11.20/250		1265
12.20/320		456
13.20/400		285
14.blind		2263

Value-----		S1LVSNRR
.d:DK		4
.m:Missing		770
.r:Refuse		41
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.20/20		284
2.20/25		584
3.20/32		2072
4.20/40		7166
5.20/50		5643
6.20/63		12435
7.20/80		7563
8.20/100		4026
9.20/125		2301
10.20/160		1343
11.20/250		694
12.20/320		236
13.20/400		144
14.blind		1142

Value-----		R1RVSNRR
.d:DK		12
.m:Missing		1061
.r:Refuse		79
.s:Not in physical measure		6613
1.20/20		307
2.20/25		727
3.20/32		2669
4.20/40		9255
5.20/50		7858
6.20/63		17504
7.20/80		11177
8.20/100		6123
9.20/125		3618
10.20/160		2174
11.20/250		1247
12.20/320		462

13.20/400		295
14.blind		2227

Value-----		S1RVSNNR
.d:DK		5
.m:Missing		768
.r:Refuse		39
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.20/20		249
2.20/25		569
3.20/32		2066
4.20/40		7088
5.20/50		5692
6.20/63		12578
7.20/80		7592
8.20/100		4040
9.20/125		2249
10.20/160		1290
11.20/250		698
12.20/320		232
13.20/400		147
14.blind		1146

Value-----		R1DSTVI
.d:DK		11
.m:Missing		1024
.r:Refuse		80
.s:Not in physical measure		6613
1.no VI		44354
2.mild VI		7863
3.moderate VI		12191
4.severe VI/blind		1272

Value-----		S1DSTVI
.d:DK		4
.m:Missing		745
.r:Refuse		40
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.no VI		32980
2.mild VI		5136
3.moderate VI		6977
4.severe VI/blind		566

Value-----		R1NRVI
.d:DK		11
.m:Missing		1031
.r:Refuse		80
.s:Not in physical measure		6613
1.no VI		17109
2.mild VI		9433
3.moderate VI		37247
4.severe VI/blind		1884

Value-----		S1NRVI
.d:DK		4
.m:Missing		754
.r:Refuse		40
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.no VI		13047
2.mild VI		6770
3.moderate VI		24975
4.severe VI/blind		858

Value-----		R1UPRSBYP
.d:DK		11

.m:Missing		1028
.r:Refuse		80
.s:Not in physical measure		6613
0.no		36417
1.yes		29259

Value-----		S1UPRSBYP
.d:DK		4
.m:Missing		747
.r:Refuse		40
.s:Not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
0.no		24321
1.yes		21336

Value-----		R1VSNCOMPL
.d:DK		12
.m:Missing		38
.n:Not willing/able		544
.r:Refuse		93
.s:not in physical measure		6613
1.fully compliant		65838
2.prevented from being fully compliant		201
3.not fully compliant		69

Value-----		S1VSNCOMPL
.d:DK		4
.m:Missing		23
.n:Not willing/able		244
.r:Refuse		50
.s:not in physical measure		3704
.u:Unmar		16594
.v:SP NR		6662
1.fully compliant		45984
2.prevented from being fully compliant		106
3.not fully compliant		37

How Constructed

RwLVS2FT indicates whether the respondent can see light and count the fingers of a hand that is held 2 feet away with the respondent's left eye open while wearing glasses or contacts if needed. A 0 is coded if the respondent could not see light or count the fingers of a hand held 2 feet away with the left eye open, and a 1 is coded if the respondent can see both with the left eye open. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .s is assigned if the participant did not participate in the physical measure survey. RwLVS2FT is set to plain missing (.) if the respondent did not participate in the current wave.

SwLVS2FT indicates whether the respondent's spouse can see light and count the fingers of a hand that is held 2 feet away with the spouse's left eye open while wearing glasses or contacts if needed, and is taken from RwLVS2FT. In addition to the special missing codes used in RwLVS2FT, SwLVS2FT employs two additional 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 the spouse is not interviewed.

RwRVS2FT indicates whether the respondent can see light and count the fingers of a hand that is held 2 feet away with the respondent's right eye open while wearing glasses or contacts if needed. A 0 is coded if the respondent could not see light or count the fingers of a hand held 2 feet away with the right eye open, and a 1 is coded if the respondent can see both with the right eye open. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .s is assigned if the participant did not participate in the physical measure survey. RwRVS2FT is set to plain missing (.) if the respondent did not participate in the current wave.

SwRVS2FT indicates whether the respondent's spouse can see light and count the fingers of a hand that is held 2 feet away with the spouse's right eye open while wearing glasses or contacts if needed, and is taken from RwRVS2FT. In addition to the special missing codes used in RwRVS2FT, SwRVS2FT employs two additional 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 the spouse is not interviewed.

RwLVSNDST and RwRVSNDST indicate the distance vision of the left and right eye, respectively. If the respondent is able to see light and count the fingers of a hand that is held 2 feet away in a particular eye, then the respondent's distance vision is tested. RwLVSNDST and RwRVSNDST are coded as follows: 1.20/20, 2.20/25, 3.20/32, 4.20/40, 5.20/50, 6.20/63, 7.20/80, 8.20/100, 9.20/125, 10.20/160, 11.20/200, 12.20/250, 13.20/320, 14.blind. RwLVSNDST and RwRVSNDST are coded as 14.blind if the respondent's distance vision is coded as blind in the left or right eye, respectively, or if the respondent's distance vision was not tested because they could not see light and count the fingers of a hand that is held 2 feet away from their left or right eye, respectively. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .s is assigned if the participant did not participate in the physical measure survey. RwLVSNDST and RwRVSNDST are set to plain missing (.) if the respondent did not participate in the current wave.

SwLVSNDST and SwRVSNDST indicate the distance vision of the respondent's current wave's spouse for the left and right eye, respectively, and their values are taken from RwLVSNDST and RwRVSNDST. In addition to the special missing codes used in RwLVSNDST and RwRVSNDST, SwLVSNDST and SwRVSNDST employ two additional 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 the spouse is not interviewed.

RwLVSNNR and RwRVSNNR indicate the near vision of the left and right eye, respectively. If the respondent is able to see light and count the fingers of a hand that is held 2 feet away in a particular eye, then the respondent's near vision is tested. RwLVSNNR and RwRVSNNR are coded as follows: 1.20/20, 2.20/25, 3.20/32, 4.20/40, 5.20/50, 6.20/63, 7.20/80, 8.20/100, 9.20/125, 10.20/160, 11.20/250, 12.20/320, 13.20/400, 14.blind. RwLVSNNR and RwRVSNNR are coded as 14.blind if the respondent's near vision is coded as blind in the left or right eye, respectively, or if the respondent's near vision was not tested because they could not see light and count the fingers of a hand that is held 2 feet away from their left or right eye, respectively. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .s is assigned if the participant did not participate in the physical measure survey. RwLVSNNR and RwRVSNNR are set to plain missing (.) if the respondent did not participate in the current wave.

SwLVSNNR and SwRVSNNR indicate the near vision of the respondent's current wave's spouse for the left and right eye, respectively, and their values are taken from RwLVSNNR and RwRVSNNR. In addition to the special missing codes used in RwLVSNNR and RwRVSNNR, SwLVSNNR and SwRVSNNR employ two additional 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 the spouse is not interviewed.

RwDSTVI and RwNRVI indicate the level of visual impairment for distant and near vision, respectively, for the respondent's better seeing eye. RwDSTVI and RwNRVI are coded as follows: 1.no visual impairment, 2.mild visual impairment, 3.moderate visual impairment, 4.severe visual impairment/blind. These variables are assigned a value of 1 if the respondent has 20/20 to 20/40 vision in their better seeing eye. These variables are assigned a value of 2 if the respondent has 20/41 to 20/60 vision in their better seeing eye. These variables are assigned a value of 3 if the respondent has 20/61 to 20/200 vision in their better seeing eye. These variables are assigned a value of 4 if the respondent has 20/201 or worse vision in their better seeing eye, if they distant or near vision, respectively, is coded as blind in their better seeing eye, or if the respondent's vision was not tested because they could not see light and count the fingers of a hand that is held 2 feet away from their eyes. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .s is assigned if the participant did not participate in the physical measure survey. RwDSTVI and RwNRVI are set to plain missing (.) if the respondent did not participate in the current wave.

SwDSTVI and SwNRVI indicate the level of visual impairment for distant and near vision, respectively, for the respondent's current wave's spouse better seeing eye, and their values are taken from RwDSTVI and RwNRVI. In addition to the special missing codes used in RwDSTVI and RwNRVI, SwDSTVI and SwNRVI employ two additional 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 the spouse is not interviewed.

RwUPRSBYP indicates whether the respondent has uncorrected presbyopia. RwUPRSBYP is coded as 1 if the respondent's distant vision in their better seeing eye is better than or equal to 20/40 and their near vision in their better seeing eye is worse than 20/40 or they are blind. RwUPRSBYP is coded as 0 if the respondent's distant vision in their better seeing eye is worse than 20/40 or they are blind, or if the respondent's distant vision in their better seeing eye is better than or equal to 20/40 and their near vision is better than or equal to 20/40 in their better seeing eye. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Special missing .s is assigned if the participant did not participate in the physical measure survey. RwUPRSBYP is set to plain missing (.) if the respondent did not participate in the current wave.

SwUPRSBYP indicates whether the respondent's current wave's spouse has uncorrected presbyopia, and its values are taken from RwUPRSBYP. In addition to the special missing codes used in RwUPRSBYP, SwUPRSBYP employs two additional 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 the spouse is not interviewed.

RwVSNCOMPL indicates how compliant the respondent was during the vision test measurements. RwVSNCOMPL is coded as follows: 1.fully compliant, 2.prevented from being fully complying due to illness, pain, or other symptoms or discomforts, and 3.not fully compliant, but no obvious reason for this. Don't know, refused, or other missing values are coded as special missing .d, .r, or .m, respectively. A special missing .n is employed if the question is skipped because the respondent reported not being able to see light and count the fingers of a hand held 2 feet away with both the left eye open and the right eye open while wearing glasses and contacts if needed. A special missing .s is assigned if the participant did not participate in the physical measure survey. RwVSNCOMPL is set to plain missing (.) if the respondent did not participate in the current wave.

SwVSNCOMPL indicates how compliant the respondent's current wave's spouse was during the vision test measurements, and is taken from RwVSNCOMPL. In addition to the special missing codes used in RwVSNCOMPL, SwVSNCOMPL employs two additional missing codes, .u and .v. A special missing value .u is employed 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 the spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Questions in this section are not asked in the HRS and so are not available in the Harmonized HRS or RAND HRS.

LASI Variables Used

Wave 1 Biomarkers:

BM060A	Vision test_left eye test_perceive light or coun
BM060B	Vision test_right eye test_perceive light or cou
BM061	Distance vision result_left eye
BM062	Distance vision result_right eye
BM063	Near vision result_left eye
BM064	Near vision result_right eye
BM065	Vision test_compliance

Section L: Assistance and Caregiving

Activities of Daily Living and Instrumental Activities of Daily Living: Whether Received Any Care

Wave	Variable	Label	Type
1	R1RCANY	r1rcany:w1 r receives any care for adls/iadls	Categ
1	S1RCANY	s1rcany:w1 s receives any care for adls/iadls	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RCANY	25473	0.20	0.40	0.00	1.00
S1RCANY	15078	0.17	0.38	0.00	1.00

Categorical Variable Codes

Value-----	R1RCANY
.d:DK	45
.m:Missing	319
.x:no difficulty	47571
0.no	20296
1.yes	5177

Value-----	S1RCANY
.d:DK	27
.m:Missing	149
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	12450
1.yes	2628

How Constructed

RwRCANY indicates whether the respondent receives any care for difficulties with activities of daily living (ADL) or instrumental activities of daily living (IADL). If respondents report having difficulty with at least one ADL or IADL activity, they are asked the following question: "Does anyone help you with these difficulties you mentioned above?". The activities of daily living include dressing, walking across a room, bathing, eating, getting in or out of bed, and using the toilet. The instrumental activities of daily living include preparing hot meals, grocery shopping, making telephone calls, taking medications, doing work around the house or garden, managing money, and getting around or finding an address in an unfamiliar place. RwRCANY is assigned a value of 0 if the respondent reports having difficulty with at least one ADL or IADL, but receives no help. RwRCANY is assigned a value of 1 if the respondent reports having difficulty with at least one ADL or IADL activity and receives help from someone. Special missing .x is assigned if the respondent reports not having difficulty with any of the ADL and IADL activities. Don't know, refused, and other missing responses are assigned special missing .d, .r, or .m, respectively. RwRCANY is assigned a blank missing (.) if the respondent did not participate in the current wave.

SwRCANY indicates whether the respondent's current wave's spouse receives any care for difficulties with ADLs or IADLs, and its values are taken from RwRCANY. In addition to the special missing codes employed by RwRCANY, SwRCANY employs two additional special missing codes. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing .v is used when the respondent reports being coupled in the current wave, but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

In the HRS, after reporting difficulty with an ADL, or difficulty with an IADL that is the result of a health or memory problem, the respondent is asked whether they receive help from someone for that activity. If the respondent reports that they "can't do" or "don't do" the activity or if they have difficulty that is not the result of a health or memory problem, then they are not asked whether they receive help with that activity. LASI does not make this distinction and asks respondents a single question about whether they receive help if they answer having difficulties to any ADLs or IADLs. RwRCANY in the Harmonized HRS summarizes whether the respondent receives help with any ADL or IADL activity, while RwRCANY in the Harmonized LASI indicates whether the respondent receives any help for difficulties with ADLs or IADLs.

Additionally, LASI asks about help received for doing work around the house or garden and getting around or finding an address in an unfamiliar place, which are not asked in the HRS. As such, RwRCANY in the Harmonized LASI includes help doing work around the house/garden and getting around/finding an address in an unfamiliar place, whereas the Harmonized HRS does not include help for these two activities.

The Harmonized HRS has additional variables, RwRACANY and RWRICANY, to indicate whether the respondent receives any care for difficulties with ADLs and whether the respondent receives any care for difficulties with IADLs, respectively. These variables are not available in the Harmonized LASI as LASI only asks one single question indicating whether the respondent receives any care for difficulties with ADLs or IADLs. LASI does not have separate questions for ADLs and IADLs, and so the Harmonized LASI does not include RwRACANY or RWRICANY.

LASI Variables Used

Wave 1 Core:

HT401	Difficulty with dressing, including putting on c
HT402	Difficulty with walking across a room
HT403	Difficulty with bathing
HT404	Difficulty with eating
HT405	Difficulty with getting in or out of bed
HT406	Difficulty with using the toilet, including gett
HT407	Difficulty with preparing a hot meal
HT408	Difficulty with shopping for groceries
HT409	Difficulty with making telephone calls
HT410	Difficulty with taking medications
HT411	Difficulty with doing work around the house or g
HT412	Difficulty with managing money, such as paying b
HT413	Difficulty with getting around or finding addres
HT424	Help from anyone

Care for ADLs or IADLs: Receives Informal Caregiving

Wave	Variable	Label	Type
1	R1RCAANY_L	r1rcaany_l:w1 r receives informal care most for adls/iadls	Categ
1	S1RCAANY_L	s1rcaany_l:w1 s receives informal care most for adls/iadls	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RCAANY_L	24417	0.17	0.37	0.00	1.00
S1RCAANY_L	14937	0.17	0.37	0.00	1.00

Categorical Variable Codes

Value-----	R1RCAANY_L
.d:DK	47
.m:Missing	346
.r:Refuse	2
.s:can't determine relationship	1025
.x:no difficulty	47571
0.no	20322
1.yes	4095

Value-----	S1RCAANY_L
.d:DK	28
.m:Missing	164
.s:can't determine relationship	125
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	12459
1.yes	2478

How Constructed

RwRCAANY_L indicates whether the respondent receives informal care most for difficulties with activities of daily living (ADL) and/or instrumental activities of daily living (IADL). The activities of daily living include dressing, walking across a room, bathing, eating, getting in or out of bed, and using the toilet. The instrumental activities of daily living include preparing hot meals, grocery shopping, making telephone calls, taking medications, doing work around the house or garden, managing money, and getting around or finding an address in an unfamiliar place.

The following relationships are considered to provide informal care: husband/wife/partner/ex-spouse or partner, mother, mother-in-law, father, father-in-law, son (biological/adopted/fostered/step), son-in-law, daughter (biological/adopted/fostered/step), daughter-in-law, sister, sister-in-law, brother, brother-in-law, grandchild, grandparents, niece/nephew, other relatives, non-professional, paid helper, or persons of unknown relationships.

RwRCAANY_L is assigned a value of 0 if the respondent reports having difficulty with at least one ADL or IADL, but receives no help with the activity from an informal caregiver or receives no help at all. RwRCAANY_L is assigned a value of 1 if the respondent reports having difficulty with at least one ADL or IADL activity and an informal caregiver helps with at least one of the activities. Special missing .x is assigned if the respondent reports not having difficulty with any of the ADL and IADL activities. Special missing code .s is used to indicate cases where the respondent reports a helper who is part of the household, but their relationship could not be determined because the respondent was not the household head or the household head's spouse. Don't know, refused, and other missing responses are assigned special missing .d, .r, or .m, respectively. RwRCAANY_L is assigned a blank missing (.) if the respondent did not participate in the current wave.

SwRCAANY_L indicates whether the respondent's current wave's spouse receives informal care most for difficulties with ADLs or IADLs, and its values are taken from RwRCAANY_L. In addition to the special missing codes employed by RwRCAANY_L, SwRCAANY_L employs two additional special missing codes. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing .v is used when the respondent reports being coupled in the current wave, but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in wave 3, the HRS asks for the relationships of up to 7 people who help with ADLs (dressing, walking across a room, bathing, eating, getting in and out of bed, and using the toilet), up to 6 people who help them with IADLs (preparing meals, grocery shopping, making phone calls, and taking medications), and up to 2 people who help them with managing money. LASI only asks for the relationship of the single person who helps them the most with ADL or IADL activities, and distinguishes between helpers that are part of the household and helpers that are not household members. Because of this distinction, the "_L" is included in the Harmonized LASI variable name to indicate that the two concepts are similar but not directly comparable.

Additionally, LASI asks about help received for doing work around the house or garden and getting around or finding an address in an unfamiliar place, which are not asked in the HRS. As such, RwRCAANY_L in the Harmonized LASI includes help doing work around the house/garden and getting around/finding an address in an unfamiliar place, whereas the Harmonized HRS does not include help for these two activities.

The Harmonized HRS has additional variables, RwRACAANY and RwRICAANY, to indicate whether the respondent receives any informal care for difficulties with ADLs and whether the respondent receives any informal care for difficulties with IADLs, respectively. These variables are not available in the Harmonized LASI as LASI only asks one single question indicating whether the respondent receives any care for difficulties with ADLs or IADLs. LASI does not have separate questions for ADLs and IADLs, and so, the Harmonized LASI does not include RwRACAANY or RwRICAANY.

LASI Variables Used

Wave 1 Core:

FS203_CHILD_NAMEHH_10_	Names of children
FS203_CHILD_NAMEHH_11_	Names of children
FS203_CHILD_NAMEHH_12_	Names of children
FS203_CHILD_NAMEHH_13_	Names of children
FS203_CHILD_NAMEHH_14_	Names of children
FS203_CHILD_NAMEHH_15_	Names of children
FS203_CHILD_NAMEHH_16_	Names of children
FS203_CHILD_NAMEHH_17_	Names of children
FS203_CHILD_NAMEHH_18_	Names of children
FS203_CHILD_NAMEHH_19_	Names of children
FS203_CHILD_NAMEHH_1_	Names of children
FS203_CHILD_NAMEHH_20_	Names of children
FS203_CHILD_NAMEHH_21_	Names of children
FS203_CHILD_NAMEHH_2_	Names of children
FS203_CHILD_NAMEHH_3_	Names of children
FS203_CHILD_NAMEHH_4_	Names of children
FS203_CHILD_NAMEHH_5_	Names of children
FS203_CHILD_NAMEHH_6_	Names of children
FS203_CHILD_NAMEHH_7_	Names of children
FS203_CHILD_NAMEHH_8_	Names of children
FS203_CHILD_NAMEHH_9_	Names of children
HT424	Help from anyone
HT426_HH	Household Member list
HT427	Relationship with the helper

HT428 Help for how many days in the last month
 HT429 Assist_you working hours per day
 HT430 Payment for the help

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head
CV013_1_1	Spouse ID of hhmember-1
CV013_1_10	Spouse ID of hhmember-10
CV013_1_11	Spouse ID of hhmember-11
CV013_1_12	Spouse ID of hhmember-12
CV013_1_13	Spouse ID of hhmember-13
CV013_1_14	Spouse ID of hhmember-14
CV013_1_15	Spouse ID of hhmember-15
CV013_1_16	Spouse ID of hhmember-16
CV013_1_17	Spouse ID of hhmember-17
CV013_1_18	Spouse ID of hhmember-18
CV013_1_19	Spouse ID of hhmember-19
CV013_1_2	Spouse ID of hhmember-2
CV013_1_20	Spouse ID of hhmember-20
CV013_1_21	Spouse ID of hhmember-21
CV013_1_22	Spouse ID of hhmember-22
CV013_1_23	Spouse ID of hhmember-23
CV013_1_24	Spouse ID of hhmember-24
CV013_1_25	Spouse ID of hhmember-25
CV013_1_26	Spouse ID of hhmember-26
CV013_1_27	Spouse ID of hhmember-27
CV013_1_28	Spouse ID of hhmember-28
CV013_1_29	Spouse ID of hhmember-29
CV013_1_3	Spouse ID of hhmember-3
CV013_1_33	Spouse ID of hhmember-33

CV013_1_34	Spouse ID of hhmember-34
CV013_1_4	Spouse ID of hhmember-4
CV013_1_5	Spouse ID of hhmember-5
CV013_1_6	Spouse ID of hhmember-6
CV013_1_7	Spouse ID of hhmember-7
CV013_1_8	Spouse ID of hhmember-8
CV013_1_9	Spouse ID of hhmember-9
CV013_2_1	Spouse ID of hhmember-1
CV013_2_10	Spouse ID of hhmember-10
CV013_2_11	Spouse ID of hhmember-11
CV013_2_12	Spouse ID of hhmember-12
CV013_2_13	Spouse ID of hhmember-13
CV013_2_14	Spouse ID of hhmember-14
CV013_2_15	Spouse ID of hhmember-15
CV013_2_16	Spouse ID of hhmember-16
CV013_2_17	Spouse ID of hhmember-17
CV013_2_18	Spouse ID of hhmember-18
CV013_2_19	Spouse ID of hhmember-19
CV013_2_2	Spouse ID of hhmember-2
CV013_2_20	Spouse ID of hhmember-20
CV013_2_21	Spouse ID of hhmember-21
CV013_2_22	Spouse ID of hhmember-22
CV013_2_23	Spouse ID of hhmember-23
CV013_2_24	Spouse ID of hhmember-24
CV013_2_25	Spouse ID of hhmember-25
CV013_2_26	Spouse ID of hhmember-26
CV013_2_27	Spouse ID of hhmember-27
CV013_2_28	Spouse ID of hhmember-28
CV013_2_29	Spouse ID of hhmember-29
CV013_2_3	Spouse ID of hhmember-3
CV013_2_33	Spouse ID of hhmember-33
CV013_2_34	Spouse ID of hhmember-34
CV013_2_4	Spouse ID of hhmember-4
CV013_2_5	Spouse ID of hhmember-5
CV013_2_6	Spouse ID of hhmember-6
CV013_2_7	Spouse ID of hhmember-7
CV013_2_8	Spouse ID of hhmember-8
CV013_2_9	Spouse ID of hhmember-9
CV013_3_1	Spouse ID of hhmember-1
CV013_3_10	Spouse ID of hhmember-10
CV013_3_11	Spouse ID of hhmember-11
CV013_3_12	Spouse ID of hhmember-12
CV013_3_13	Spouse ID of hhmember-13
CV013_3_14	Spouse ID of hhmember-14
CV013_3_15	Spouse ID of hhmember-15
CV013_3_16	Spouse ID of hhmember-16
CV013_3_17	Spouse ID of hhmember-17
CV013_3_18	Spouse ID of hhmember-18
CV013_3_19	Spouse ID of hhmember-19
CV013_3_2	Spouse ID of hhmember-2
CV013_3_20	Spouse ID of hhmember-20
CV013_3_21	Spouse ID of hhmember-21
CV013_3_22	Spouse ID of hhmember-22
CV013_3_23	Spouse ID of hhmember-23
CV013_3_24	Spouse ID of hhmember-24
CV013_3_25	Spouse ID of hhmember-25
CV013_3_26	Spouse ID of hhmember-26
CV013_3_27	Spouse ID of hhmember-27
CV013_3_28	Spouse ID of hhmember-28
CV013_3_29	Spouse ID of hhmember-29
CV013_3_3	Spouse ID of hhmember-3
CV013_3_33	Spouse ID of hhmember-33
CV013_3_34	Spouse ID of hhmember-34

CV013_3_4	Spouse ID of hhmember-4
CV013_3_5	Spouse ID of hhmember-5
CV013_3_6	Spouse ID of hhmember-6
CV013_3_7	Spouse ID of hhmember-7
CV013_3_8	Spouse ID of hhmember-8
CV013_3_9	Spouse ID of hhmember-9
CV013_4_1	Spouse ID of hhmember-1
CV013_4_10	Spouse ID of hhmember-10
CV013_4_11	Spouse ID of hhmember-11
CV013_4_12	Spouse ID of hhmember-12
CV013_4_13	Spouse ID of hhmember-13
CV013_4_14	Spouse ID of hhmember-14
CV013_4_15	Spouse ID of hhmember-15
CV013_4_16	Spouse ID of hhmember-16
CV013_4_17	Spouse ID of hhmember-17
CV013_4_18	Spouse ID of hhmember-18
CV013_4_19	Spouse ID of hhmember-19
CV013_4_2	Spouse ID of hhmember-2
CV013_4_20	Spouse ID of hhmember-20
CV013_4_21	Spouse ID of hhmember-21
CV013_4_22	Spouse ID of hhmember-22
CV013_4_23	Spouse ID of hhmember-23
CV013_4_24	Spouse ID of hhmember-24
CV013_4_25	Spouse ID of hhmember-25
CV013_4_26	Spouse ID of hhmember-26
CV013_4_27	Spouse ID of hhmember-27
CV013_4_28	Spouse ID of hhmember-28
CV013_4_29	Spouse ID of hhmember-29
CV013_4_3	Spouse ID of hhmember-3
CV013_4_33	Spouse ID of hhmember-33
CV013_4_34	Spouse ID of hhmember-34
CV013_4_4	Spouse ID of hhmember-4
CV013_4_5	Spouse ID of hhmember-5
CV013_4_6	Spouse ID of hhmember-6
CV013_4_7	Spouse ID of hhmember-7
CV013_4_8	Spouse ID of hhmember-8
CV013_4_9	Spouse ID of hhmember-9

Care for ADLs or IADLs: Receives Informal Caregiving from Spouse

Wave	Variable	Label	Type
1	R1RSCARE_L	r1rscare_l:w1 r receives informal care most from spouse for	Categ
1	S1RSCARE_L	s1rscare_l:w1 s receives informal care most from spouse for	Categ
1	R1RSCAREDPM_L	r1rscaredpm_l:w1 days/month spouse helps r with adls/iadls	Cont
1	S1RSCAREDPM_L	s1rscaredpm_l:w1 days/month spouse helps s with adls/iadls	Cont
1	R1RSCAREHR_L	r1rscarehr_l:w1 hours/day spouse helps r with adls/iadls	Cont
1	S1RSCAREHR_L	s1rscarehr_l:w1 hours/day spouse helps s with adls/iadls	Cont
1	R1RSCAREPD_L	r1rscarepd_l:w1 whether spouse paid for care given to r	Categ
1	S1RSCAREPD_L	s1rscarepd_l:w1 whether spouse paid for care given to s	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RSCARE_L	3606	0.38	0.49	0.00	1.00
S1RSCARE_L	2412	0.53	0.50	0.00	1.00
R1RSCAREDPM_L	3593	8.09	12.40	0.00	31.00
S1RSCAREDPM_L	2400	11.47	13.43	0.00	31.00
R1RSCAREHR_L	3592	1.58	3.81	0.00	24.00
S1RSCAREHR_L	2399	2.27	4.45	0.00	24.00
R1RSCAREPD_L	3604	0.01	0.07	0.00	1.00
S1RSCAREPD_L	2410	0.01	0.09	0.00	1.00

Categorical Variable Codes

Value-----	R1RSCARE_L
.d:DK	47
.h:no help received	20296
.m:Missing	346
.r:Refuse	2
.s:can't determine relationship	1540
.x:no difficulty	47571
0.no	2227
1.yes	1379
Value-----	S1RSCARE_L
.d:DK	28
.h:no help received	12450
.m:Missing	164
.s:can't determine relationship	200
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	1124
1.yes	1288

Value-----	R1RSCAREPD_L
.d:DK	47
.h:no help received	20296
.m:Missing	346
.r:Refuse	4
.s:can't determine relationship	1540
.x:no difficulty	47571
0.no	3584
1.yes	20

Value-----	S1RSCAREPD_L
.d:DK	28
.h:no help received	12450
.m:Missing	164
.r:Refuse	2
.s:can't determine relationship	200
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	2391
1.yes	19

How Constructed

The following variables indicate whether the respondent's spouse or partner helps the respondent the most with any ADL or IADL needs. The activities of daily living include dressing, walking across a room, bathing, eating, getting in or out of bed, and using the toilet. The instrumental activities of daily living include preparing hot meals, grocery shopping, making telephone calls, taking medications, doing work around the house or garden, managing money, and getting around or finding an address in an unfamiliar place. If the respondent reports having difficulty with at least one ADL or IADL, then the respondent is asked a single question indicating whether they receive help for these difficulties. If someone helps with the activities, they are asked for the relationship of the single person who helps them the most with the ADLs and IADLs. LASI differentiates between helpers who are part of the household and helpers who are not.

The following variables are coded as special missing .x if the respondent reports having no difficulty with any ADLs or IADLs, and are coded as special missing .h if the respondent reports having difficulty with ADLs or IADLs, but does not receive any help. Special missing code .s is used to indicate cases where the respondent reports a helper who is part of the household, but their relationship could not be determined because the respondent was not the household head or the household head's spouse. Don't know, refused, or other missing responses are assigned special missing .d, .r, or .m, respectively. These variables are set to plain missing (.) for respondents who did not participate in the current wave.

RwRSCARE_L, RwRSCAREDPM_L, RwRSCAREHR_L, and RwRSCAREPD_L include help from the respondent's spouse, live-in partner, or ex-spouse or partner. If the spouse helper was part of the household, their relationship to the respondent was derived from the respondent's and spouse's person ID. In addition to the relationship reported in the helper questions for non-household helpers and the relationship reported in the Coverscreen for household helpers, these variables also incorporate information from SwPRIM_KEY (utilizes the relationship reported in the Coverscreen and spouse(s) listed in the Coverscreen and Demographics modules) to assign spouse helpers.

RwRSCARE_L indicates whether the respondent's spouse, partner, or ex-spouse or partner helps the respondent with any ADL or IADL needs. RwRSCARE_L is coded as 0 if the respondent receives no assistance from their spouse, and coded as 1 if the respondent does receive help from their spouse.

RwRSCAREDPM_L indicates the number of days in the last month the respondent's spouse helps the respondent with any ADL or IADL needs. Values range from 0 to 31 days. RwRSCAREDPM_L is assigned a value of 0 if the respondent did not receive help from their spouse.

RwRSCAREHR_L indicates the number of hours per day the respondent's spouse helps the respondent with any ADL or IADL needs. Respondents are asked, on days their spouse helps with any ADL or IADL needs, to list the number of hours per day their spouse helps. Values range from 0-24 hours. RwRSCAREHR_L is assigned a value of 0 if the respondent did not receive help from their spouse.

RwRSCAREPD_L indicates whether the respondent's spouse is paid to help the respondent with any ADL or IADL needs. RwRSCAREPD_L is coded as 0 if the respondent did not receive help from their spouse or if the respondent's spouse is not paid. RwRSCAREPD_L is coded as 1 if the respondent's spouse is paid to help the respondent with any ADL or IADL needs.

SwRSCARE_L, SwRSCAREDPM_L, SwRSCAREHR_L, and SwRSCAREPD_L indicate whether, the frequency with which the respondent's current wave's spouse receives help from the respondent, and whether they are paid, and their values are taken from RwRSCARE_L, RwRSCAREDPM_L, RwRSCAREHR_L, and RwRSCAREPD_L. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing .v is used when the respondent reports being coupled in the current wave, but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in wave 3, the HRS asks for the relationships of up to 7 people who help with ADLs (dressing, walking across a room, bathing, eating, getting in and out of bed, and using the toilet), up to 6 people who help them with IADLs (preparing meals, grocery shopping, making phone calls, and taking medications), and up to 2 people who help them with managing money. LASI only asks for the relationship of the single person who helps them the most, and distinguishes between helpers that are part of the household and helpers that are not household members. Because of this distinction, the "_L" is included in the Harmonized LASI spouse variable names to indicate that the two concepts are similar but not directly comparable.

The Harmonized LASI spouse helper variables employ a special missing code .s to capture cases where the helper's relationship could not be determined because the respondent was not the household head or the household head's spouse. The Harmonized HRS does not employ this special missing.

Additionally, LASI asks about help received for doing work around the house or garden and getting around or finding an address in an unfamiliar place, which are not asked in the HRS. As such, these variables in the Harmonized LASI include help doing work around the house/garden and getting around/finding an address in an unfamiliar place, whereas the Harmonized HRS does not include help for these two activities.

The HRS does not ask if spouse helpers are paid, so the Harmonized HRS does not include RwRSCAREPD. The LASI does ask if spouse helpers are paid, so the Harmonized LASI does include RwRSCAREPD_L.

The Harmonized HRS has additional variables, RwRSCARE, RwRSCAREDPM, RwRSCAREHR, RwRISCARE, RwRISCAREDPM, and RwRISCAREHR, to indicate whether the respondent receives any informal care from their spouse for difficulties with ADLs and whether the respondent receives any informal care from their spouse for difficulties with IADLs, respectively. Because multiple helpers can be reported in the HRS, the Harmonized HRS also includes variables indicating the number of spouse helpers, and number of spouse helpers whose days or hours of help are missing. These variables are not available in the Harmonized LASI as LASI only asks one single question indicating whether the respondent receives any care for difficulties with ADLs or IADLs and does not have separate questions for ADLs and IADLs.

LASI Variables Used

Wave 1 Core:

HT424	Help from anyone
HT426_HH	Household Member list
HT427	Relationship with the helper
HT428	Help for how many days in the last month
HT429	Assist_you working hours per day
HT430	Payment for the help

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head

CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head
CV013_1_1	Spouse ID of hhmember-1
CV013_1_10	Spouse ID of hhmember-10
CV013_1_11	Spouse ID of hhmember-11
CV013_1_12	Spouse ID of hhmember-12
CV013_1_13	Spouse ID of hhmember-13
CV013_1_14	Spouse ID of hhmember-14
CV013_1_15	Spouse ID of hhmember-15
CV013_1_16	Spouse ID of hhmember-16
CV013_1_17	Spouse ID of hhmember-17
CV013_1_18	Spouse ID of hhmember-18
CV013_1_19	Spouse ID of hhmember-19
CV013_1_2	Spouse ID of hhmember-2
CV013_1_20	Spouse ID of hhmember-20
CV013_1_21	Spouse ID of hhmember-21
CV013_1_22	Spouse ID of hhmember-22
CV013_1_23	Spouse ID of hhmember-23
CV013_1_24	Spouse ID of hhmember-24
CV013_1_25	Spouse ID of hhmember-25
CV013_1_26	Spouse ID of hhmember-26
CV013_1_27	Spouse ID of hhmember-27
CV013_1_28	Spouse ID of hhmember-28
CV013_1_29	Spouse ID of hhmember-29
CV013_1_3	Spouse ID of hhmember-3
CV013_1_33	Spouse ID of hhmember-33
CV013_1_34	Spouse ID of hhmember-34
CV013_1_4	Spouse ID of hhmember-4
CV013_1_5	Spouse ID of hhmember-5
CV013_1_6	Spouse ID of hhmember-6
CV013_1_7	Spouse ID of hhmember-7
CV013_1_8	Spouse ID of hhmember-8
CV013_1_9	Spouse ID of hhmember-9

CV013_2_1	Spouse ID of hhmember-1
CV013_2_10	Spouse ID of hhmember-10
CV013_2_11	Spouse ID of hhmember-11
CV013_2_12	Spouse ID of hhmember-12
CV013_2_13	Spouse ID of hhmember-13
CV013_2_14	Spouse ID of hhmember-14
CV013_2_15	Spouse ID of hhmember-15
CV013_2_16	Spouse ID of hhmember-16
CV013_2_17	Spouse ID of hhmember-17
CV013_2_18	Spouse ID of hhmember-18
CV013_2_19	Spouse ID of hhmember-19
CV013_2_2	Spouse ID of hhmember-2
CV013_2_20	Spouse ID of hhmember-20
CV013_2_21	Spouse ID of hhmember-21
CV013_2_22	Spouse ID of hhmember-22
CV013_2_23	Spouse ID of hhmember-23
CV013_2_24	Spouse ID of hhmember-24
CV013_2_25	Spouse ID of hhmember-25
CV013_2_26	Spouse ID of hhmember-26
CV013_2_27	Spouse ID of hhmember-27
CV013_2_28	Spouse ID of hhmember-28
CV013_2_29	Spouse ID of hhmember-29
CV013_2_3	Spouse ID of hhmember-3
CV013_2_33	Spouse ID of hhmember-33
CV013_2_34	Spouse ID of hhmember-34
CV013_2_4	Spouse ID of hhmember-4
CV013_2_5	Spouse ID of hhmember-5
CV013_2_6	Spouse ID of hhmember-6
CV013_2_7	Spouse ID of hhmember-7
CV013_2_8	Spouse ID of hhmember-8
CV013_2_9	Spouse ID of hhmember-9
CV013_3_1	Spouse ID of hhmember-1
CV013_3_10	Spouse ID of hhmember-10
CV013_3_11	Spouse ID of hhmember-11
CV013_3_12	Spouse ID of hhmember-12
CV013_3_13	Spouse ID of hhmember-13
CV013_3_14	Spouse ID of hhmember-14
CV013_3_15	Spouse ID of hhmember-15
CV013_3_16	Spouse ID of hhmember-16
CV013_3_17	Spouse ID of hhmember-17
CV013_3_18	Spouse ID of hhmember-18
CV013_3_19	Spouse ID of hhmember-19
CV013_3_2	Spouse ID of hhmember-2
CV013_3_20	Spouse ID of hhmember-20
CV013_3_21	Spouse ID of hhmember-21
CV013_3_22	Spouse ID of hhmember-22
CV013_3_23	Spouse ID of hhmember-23
CV013_3_24	Spouse ID of hhmember-24
CV013_3_25	Spouse ID of hhmember-25
CV013_3_26	Spouse ID of hhmember-26
CV013_3_27	Spouse ID of hhmember-27
CV013_3_28	Spouse ID of hhmember-28
CV013_3_29	Spouse ID of hhmember-29
CV013_3_3	Spouse ID of hhmember-3
CV013_3_33	Spouse ID of hhmember-33
CV013_3_34	Spouse ID of hhmember-34
CV013_3_4	Spouse ID of hhmember-4
CV013_3_5	Spouse ID of hhmember-5
CV013_3_6	Spouse ID of hhmember-6
CV013_3_7	Spouse ID of hhmember-7
CV013_3_8	Spouse ID of hhmember-8
CV013_3_9	Spouse ID of hhmember-9
CV013_4_1	Spouse ID of hhmember-1

CV013_4_10	Spouse ID of hhmember-10
CV013_4_11	Spouse ID of hhmember-11
CV013_4_12	Spouse ID of hhmember-12
CV013_4_13	Spouse ID of hhmember-13
CV013_4_14	Spouse ID of hhmember-14
CV013_4_15	Spouse ID of hhmember-15
CV013_4_16	Spouse ID of hhmember-16
CV013_4_17	Spouse ID of hhmember-17
CV013_4_18	Spouse ID of hhmember-18
CV013_4_19	Spouse ID of hhmember-19
CV013_4_2	Spouse ID of hhmember-2
CV013_4_20	Spouse ID of hhmember-20
CV013_4_21	Spouse ID of hhmember-21
CV013_4_22	Spouse ID of hhmember-22
CV013_4_23	Spouse ID of hhmember-23
CV013_4_24	Spouse ID of hhmember-24
CV013_4_25	Spouse ID of hhmember-25
CV013_4_26	Spouse ID of hhmember-26
CV013_4_27	Spouse ID of hhmember-27
CV013_4_28	Spouse ID of hhmember-28
CV013_4_29	Spouse ID of hhmember-29
CV013_4_3	Spouse ID of hhmember-3
CV013_4_33	Spouse ID of hhmember-33
CV013_4_34	Spouse ID of hhmember-34
CV013_4_4	Spouse ID of hhmember-4
CV013_4_5	Spouse ID of hhmember-5
CV013_4_6	Spouse ID of hhmember-6
CV013_4_7	Spouse ID of hhmember-7
CV013_4_8	Spouse ID of hhmember-8
CV013_4_9	Spouse ID of hhmember-9

Care for ADLs or IADLs: Receives Informal Caregiving from a Child or Grandchild

Wave	Variable	Label	Type
1	R1RCCARE_L	r1rccare_l:w1 r receives informal care most from kid/grandki	Categ
1	S1RCCARE_L	s1rccare_l:w1 s receives informal care most from kid/grandki	Categ
1	R1RCCAREDPM_L	r1rccaredpm_l:w1 days/month kid/grandkid helps r with adls/i	Cont
1	S1RCCAREDPM_L	s1rccaredpm_l:w1 days/month kid/grandkid helps s with adls/i	Cont
1	R1RCCAREHR_L	r1rccarehr_l:w1 hours/day kid/grandkid helps r with adls/iad	Cont
1	S1RCCAREHR_L	s1rccarehr_l:w1 hours/day kid/grandkid helps s with adls/iad	Cont
1	R1RCCAREPD_L	r1rccarepd_l:w1 whether kid/grandkid paid for care given to	Categ
1	S1RCCAREPD_L	s1rccarepd_l:w1 whether kid/grandkid paid for care given to	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RCCARE_L	3998	0.64	0.48	0.00	1.00
S1RCCARE_L	2374	0.48	0.50	0.00	1.00
R1RCCAREDPM_L	3973	11.52	12.73	0.00	31.00
S1RCCAREDPM_L	2364	7.68	11.40	0.00	31.00
R1RCCAREHR_L	3972	1.78	3.33	0.00	24.00
S1RCCAREHR_L	2365	1.05	2.31	0.00	24.00
R1RCCAREPD_L	3996	0.00	0.07	0.00	1.00
S1RCCAREPD_L	2373	0.00	0.05	0.00	1.00

Categorical Variable Codes

Value-----	R1RCCARE_L
.d:DK	47
.h:no help received	20296
.m:Missing	346
.r:Refuse	2
.s:can't determine relationship	1148
.x:no difficulty	47571
0.no	1425
1.yes	2573
Value-----	S1RCCARE_L
.d:DK	28
.h:no help received	12450
.m:Missing	164
.s:can't determine relationship	238
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	1226
1.yes	1148

Value-----	R1RCCAREPD_L
.d:DK	48
.h:no help received	20296
.m:Missing	346
.r:Refuse	2
.s:can't determine relationship	1149
.x:no difficulty	47571
0.no	3977
1.yes	19

Value-----	S1RCCAREPD_L
.d:DK	28
.h:no help received	12450
.m:Missing	164
.s:can't determine relationship	239
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	2367
1.yes	6

How Constructed

The following variables indicate whether the respondent's child or grandchild helps the respondent the most with any ADL or IADL needs. The activities of daily living include dressing, walking across a room, bathing, eating, getting in or out of bed, and using the toilet. The instrumental activities of daily living include preparing hot meals, grocery shopping, making telephone calls, taking medications, doing work around the house or garden, managing money, and getting around or finding an address in an unfamiliar place. If the respondent reports having difficulty with at least one ADL or IADL, then the respondent is asked a single question indicating whether they receive help for these difficulties. If someone helps with the activities, they are asked for the relationship of the single person who helps them the most with the ADLs and IADLs. LASI differentiates between helpers who are part of the household and helpers who are not.

The following variables are coded as special missing .x if the respondent reports having no difficulty with any ADLs or IADLs, and are coded as special missing .h if the respondent reports having difficulty with ADLs or IADLs, but does not receive any help. Special missing code .s is used to indicate cases where the respondent reports a helper who is part of the household, but their relationship could not be determined because the respondent was not the household head or the household head's spouse. Don't know, refused, or other missing responses are assigned special missing .d, .r, or .m, respectively. These variables are set to plain missing (.) for respondents who did not participate in the current wave.

RwRCCARE_L, RwRCCAREDPM_L, RwRCCAREHR_L, and RwRCCAREPD_L include help from the respondent's child (biological or adopted/fostered/step), spouse of child, and grandchild. If the child helper was part of the household, their relationship to the respondent was derived from the respondent's and child's person ID. In addition to the relationship reported in the helper questions for non-household helpers and the relationship reported in the Coverscreen for household helpers, these variables also incorporate information from the children information in the Family and Social Networks module (FS203) to assign child helpers.

RwRCCARE_L indicates whether the respondent's child or grandchild helps the respondent with any ADL or IADL needs. RwRCCARE_L is coded as 0 if the respondent receives no assistance from their child or grandchild, and coded as 1 if the respondent does receive help from their child or grandchild.

RwRCCAREDPM_L indicates the number of days in the last month the respondent's child or grandchild helps the respondent with any ADL or IADL needs. Values range from 0 to 31 days. RwRCCAREDPM_L is assigned a value of 0 if the respondent did not receive help from any child or grandchild.

RwRCCAREHR_L indicates the number of hours per day the respondent's child or grandchild helps the respondent with any ADL or IADL needs. Respondents are asked, on days their child or grandchild helps with any ADL or IADL needs, to list the number of hours per day their child or grandchild helps. Values range from 0-24 hours. RwRCCAREHR_L is assigned a value of 0 if the respondent did not receive help from any child or grandchild.

RwRCCAREPD_L indicates whether the respondent's child or grandchild is paid to help the respondent with any ADL or IADL needs. RwRCCAREPD_L is coded as 0 if the respondent did not receive help from any child or grandchild, or if the respondent's child or grandchild is not paid. RwRCCAREPD_L is coded as 1 if the respondent's child or grandchild is paid to help the respondent with any ADL or IADL needs.

SwRCCARE_L, SwRCCAREDPM_L, SwRCCAREHR_L, and SwRCCAREPD_L indicate whether, the frequency with which the respondent's current wave's spouse receives help from a child or grandchild, and whether they are paid, and their values are taken from RwRCCARE_L, RwRCCAREDPM_L, RwRCCAREHR_L, and RwRCCAREPD_L. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing .v is used when the respondent reports being coupled in the current wave, but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in wave 3, the HRS asks for the relationships of up to 7 people who help with ADLs (dressing, walking across a room, bathing, eating, getting in and out of bed, and using the toilet), up to 6 people who help them with IADLs (preparing meals, grocery shopping, making phone calls, and taking medications), and up to 2 people who help them with managing money. LASI only asks for the relationship of the single person who helps them the most, and distinguishes between helpers that are part of the household and helpers that are not household members. Because of this distinction, the "_L" is included in the Harmonized LASI children/grandchildren variable names to indicate that the two concepts are similar but not directly comparable.

The Harmonized LASI children/grandchildren helper variables employ a special missing code .s to capture cases where the helper's relationship could not be determined because the respondent was not the household head or the household head's spouse. The Harmonized HRS does not employ this special missing.

Additionally, LASI asks about help received for doing work around the house or garden and getting around or finding an address in an unfamiliar place, which are not asked in the HRS. As such, these variables in the Harmonized LASI include help doing work around the house/garden and getting around/finding an address in an unfamiliar place, whereas the Harmonized HRS does not include help for these two activities.

The Harmonized HRS has additional variables, RWRACCARE, RWRACCAREDPM, RWRACCAREHR, RWRACCAREPD, RWRICCARE, RWRICCAREDPM, RWRICCAREHR, and RWRICCAREPD to indicate whether the respondent receives any informal care from their children or grandchildren for difficulties with ADLs and whether the respondent receives any informal care from their children or grandchildren for difficulties with IADLs, respectively. Because multiple helpers can be reported in the HRS, the Harmonized HRS also includes variables indicating the number of children or grandchildren helpers, and number of children or grandchildren helpers whose days or hours of help are missing. These variables are not available in the Harmonized LASI as LASI only asks one single question indicating whether the respondent receives any care for difficulties with ADLs or IADLs and does not have separate questions for ADLs and IADLs.

LASI Variables Used

Wave 1 Core:

FS203_CHILD_NAMEHH_10_	Names of children
FS203_CHILD_NAMEHH_11_	Names of children
FS203_CHILD_NAMEHH_12_	Names of children
FS203_CHILD_NAMEHH_13_	Names of children
FS203_CHILD_NAMEHH_14_	Names of children
FS203_CHILD_NAMEHH_15_	Names of children
FS203_CHILD_NAMEHH_16_	Names of children
FS203_CHILD_NAMEHH_17_	Names of children
FS203_CHILD_NAMEHH_18_	Names of children
FS203_CHILD_NAMEHH_19_	Names of children
FS203_CHILD_NAMEHH_1_	Names of children
FS203_CHILD_NAMEHH_20_	Names of children

FS203_CHILD_NAMEHH_21_	Names of children
FS203_CHILD_NAMEHH_2_	Names of children
FS203_CHILD_NAMEHH_3_	Names of children
FS203_CHILD_NAMEHH_4_	Names of children
FS203_CHILD_NAMEHH_5_	Names of children
FS203_CHILD_NAMEHH_6_	Names of children
FS203_CHILD_NAMEHH_7_	Names of children
FS203_CHILD_NAMEHH_8_	Names of children
FS203_CHILD_NAMEHH_9_	Names of children
HT424	Help from anyone
HT426_HH	Household Member list
HT427	Realationship with the helper
HT428	Help for how many days in the last month
HT429	Assist_you working hours per day
HT430	Payment for the help

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head

Care for ADLs or IADLs: Receives Informal Caregiving from a Relative

Wave	Variable	Label	Type
1	R1RRCARE_L	r1rrcare_l:w1 r receives informal care most from relative fo	Categ
1	S1RRCARE_L	s1rrcare_l:w1 s receives informal care most from relative fo	Categ
1	R1RRCAREDPM_L	r1rrcaredpm_l:w1 days/month relative helps r with adls/iadls	Cont
1	S1RRCAREDPM_L	s1rrcaredpm_l:w1 days/month relative helps s with adls/iadls	Cont
1	R1RRCAREHR_L	r1rrcarehr_l:w1 hours/day relative helps r with adls/iadls	Cont
1	S1RRCAREHR_L	s1rrcarehr_l:w1 hours/day relative helps s with adls/iadls	Cont
1	R1RRCAREPD_L	r1rrcarepd_l:w1 whether relative paid for care given to r	Categ
1	S1RRCAREPD_L	s1rrcarepd_l:w1 whether relative paid for care given to s	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RRCARE_L	3482	0.04	0.19	0.00	1.00
S1RRCARE_L	2298	0.02	0.14	0.00	1.00
R1RRCAREDPM_L	3482	0.66	4.01	0.00	31.00
S1RRCAREDPM_L	2298	0.27	2.53	0.00	30.00
R1RRCAREHR_L	3482	0.11	0.98	0.00	24.00
S1RRCAREHR_L	2298	0.04	0.50	0.00	12.00
R1RRCAREPD_L	3482	0.00	0.03	0.00	1.00
S1RRCAREPD_L	2298	0.00	0.02	0.00	1.00

Categorical Variable Codes

Value-----	R1RRCARE_L
.d:DK	47
.h:no help received	20296
.m:Missing	346
.r:Refuse	2
.s:can't determine relationship	1664
.x:no difficulty	47571
0.no	3350
1.yes	132

Value-----	S1RRCARE_L
.d:DK	28
.h:no help received	12450
.m:Missing	164
.s:can't determine relationship	314
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	2253
1.yes	45

Value-----	R1RRCAREPD_L
.d:DK	47
.h:no help received	20296
.m:Missing	346
.r:Refuse	2
.s:can't determine relationship	1664
.x:no difficulty	47571
0.no	3478
1.yes	4

Value-----	S1RRCAREPD_L
.d:DK	28
.h:no help received	12450
.m:Missing	164
.s:can't determine relationship	314
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	2297
1.yes	1

How Constructed

The following variables indicate whether the respondent's relative helps the respondent the most with any ADL or IADL needs. The activities of daily living include dressing, walking across a room, bathing, eating, getting in or out of bed, and using the toilet. The instrumental activities of daily living include preparing hot meals, grocery shopping, making telephone calls, taking medications, doing work around the house or garden, managing money, and getting around or finding an address in an unfamiliar place. If the respondent reports having difficulty with at least one ADL or IADL, then the respondent is asked a single question indicating whether they receive help for these difficulties. If someone helps with the activities, they are asked for the relationship of the single person who helps them the most with the ADLs and IADLs. LASI differentiates between helpers who are part of the household and helpers who are not.

The following variables are coded as special missing .x if the respondents report having no difficulty to all ADLs or IADLs, and are coded as special missing .h if the respondent reports having difficulty with ADLs or IADLs, but does not receive any help. Special missing code .s is used to indicate cases where the respondent reports a helper who is part of the household, but their relationship could not be determined because the respondent was not the household head or the household head's spouse. Don't know, refused, or other missing responses are assigned special missing .d, .r, or .m, respectively. These variables are set to plain missing (.) for respondents who did not participate in the current wave.

RwRRCARE_L, RwRRCAREDPM_L, RwRRCAREHR_L, and RwRRCAREPD_L include help from the respondent's sibling, sibling of spouse, father, father of spouse or partner, mother, mother of spouse or partner, niece or nephew, grandparents, or other relatives. If the relative helper was part of the household, their relationship to the respondent was derived from the respondent's and relative's person ID.

RwRRCARE_L indicates whether the respondent's relative helps the respondent with any ADL or IADL needs. RwRRCARE_L is coded as 0 if the respondent receives no assistance from their relative, and coded as 1 if the respondent does receive help from their relative.

RwRRCAREDPM_L indicates the number of days in the last month the respondent's relative helped the respondent with any ADL or IADL needs. Values range from 0 to 31 days. RwRRCAREDPM_L is assigned a value of 0 if the respondent did not receive help from any relative.

RwRRCAREHR_L indicates the number of hours per day the respondent's relative helps the respondent with any ADL or IADL needs. Respondents are asked, on days their relative helps with any ADL or IADL needs, to list the number of hours per day their relative helps. Values range from 0-24 hours. RwRRCAREHR_L is assigned a value of 0 if the respondent did not receive help from any relative.

RwRRCAREPD_L indicates whether the respondent's relative is paid to help the respondent with any ADL or IADL needs. RwRRCAREPD_L is coded as 0 if the respondent did not receive help from any relative, or if the respondent's relative is not paid. RwRRCAREPD_L is coded as 1 if the respondent's relative is paid to help the respondent with any ADL or IADL needs.

SwRRCARE_L, SwRRCAREDPM_L, SwRRCAREHR_L, and SwRRCAREPD_L indicate whether, the frequency with which the respondent's current wave's spouse receives help from their relative, and whether they are paid, and their values are taken from RwRRCARE_L, RwRRCAREDPM_L, RwRRCAREHR_L, and RwRRCAREPD_L. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing .v is used when the respondent reports being coupled in the current wave, but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in wave 3, the HRS asks for the relationships of up to 7 people who help with ADLs (dressing, walking across a room, bathing, eating, getting in and out of bed, and using the toilet), up to 6 people who help them with IADLs (preparing meals, grocery shopping, making phone calls, and taking medications), and up to 2 people who help them with managing money. LASI only asks for the relationship of the single person who helps them the most, and distinguishes between helpers that are part of the household and helpers that are not household members. Because of this distinction, the "_L" is included in the Harmonized LASI relative variable names to indicate that the two concepts are similar but not directly comparable.

The Harmonized LASI relative helper variables employ a special missing code .s to capture cases where the helper's relationship could not be determined because the respondent was not the household head or the household head's spouse. The Harmonized HRS does not employ this special missing.

Additionally, LASI asks about help received for doing work around the house or garden and getting around or finding an address in an unfamiliar place, which are not asked in the HRS. As such, these variables in the Harmonized LASI include help doing work around the house/garden and getting around/finding an address in an unfamiliar place, whereas the Harmonized HRS does not include help for these two activities.

The Harmonized HRS has additional variables, RwRARCARE, RwRARCAREDPM, RwRARCAREHR, RwRARCAREPD, RwRIRCARE, RwRIRCAREDPM, RwRIRCAREHR, and RwRIRCAREPD to indicate whether the respondent receives any informal care from their relatives for difficulties with ADLs and whether the respondent receives any informal care from their relatives for difficulties with IADLs, respectively. Because multiple helpers can be reported in the HRS, the Harmonized HRS also includes variables indicating the number of relative helpers, and number of relative helpers whose days or hours of help are missing. These variables are not available in the Harmonized LASI as LASI only asks one single question indicating whether the respondent receives any care for difficulties with ADLs or IADLs and does not have separate questions for ADLs and IADLs.

LASI Variables Used

Wave 1 Core:

HT424	Help from anyone
HT426_HH	Household Member list
HT427	Relationship with the helper
HT428	Help for how many days in the last month
HT429	Assist_you working hours per day
HT430	Payment for the help

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head

CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head

Care for ADLs or IADLs: Receives Informal Caregiving from Non-Relatives

Wave	Variable	Label	Type
1	R1RFCARE_L	r1rfcare_l:w1 r receives informal care most from non-relativ	Categ
1	S1RFCARE_L	s1rfcare_l:w1 s receives informal care most from non-relativ	Categ
1	R1RFCAREDPM_L	r1rfcaredpm_l:w1 days/month non-relative helps r with adls/i	Cont
1	S1RFCAREDPM_L	s1rfcaredpm_l:w1 days/month non-relative helps s with adls/i	Cont
1	R1RFCAREHR_L	r1rfcarehr_l:w1 hours/day non-relative helps r with adls/iad	Cont
1	S1RFCAREHR_L	s1rfcarehr_l:w1 hours/day non-relative helps r with adls/iad	Cont
1	R1RFCAREPD_L	r1rfcarepd_l:w1 whether non-relative paid for care given to	Categ
1	S1RFCAREPD_L	s1rfcarepd_l:w1 whether non-relative paid for care given to	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RFCARE_L	3482	0.01	0.10	0.00	1.00
S1RFCARE_L	2298	0.01	0.08	0.00	1.00
R1RFCAREDPM_L	3482	0.19	2.24	0.00	30.00
S1RFCAREDPM_L	2298	0.09	1.59	0.00	30.00
R1RFCAREHR_L	3482	0.04	0.63	0.00	24.00
S1RFCAREHR_L	2298	0.01	0.19	0.00	6.00
R1RFCAREPD_L	3482	0.00	0.04	0.00	1.00
S1RFCAREPD_L	2298	0.00	0.02	0.00	1.00

Categorical Variable Codes

Value-----	R1RFCARE_L
.d:DK	47
.h:no help received	20296
.m:Missing	346
.r:Refuse	2
.s:can't determine relationship	1664
.x:no difficulty	47571
0.no	3444
1.yes	38

Value-----	S1RFCARE_L
.d:DK	28
.h:no help received	12450
.m:Missing	164
.s:can't determine relationship	314
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	2285
1.yes	13

Value-----	R1RFCAREPD_L
.d:DK	47
.h:no help received	20296
.m:Missing	346
.r:Refuse	2
.s:can't determine relationship	1664
.x:no difficulty	47571
0.no	3476
1.yes	6

Value-----	S1RFCAREPD_L
.d:DK	28
.h:no help received	12450
.m:Missing	164
.s:can't determine relationship	314
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	2297
1.yes	1

How Constructed

The following variables indicate whether any non-relative helps the respondent the most with any ADL or IADL needs. The activities of daily living include dressing, walking across a room, bathing, eating, getting in or out of bed, and using the toilet. The instrumental activities of daily living include preparing hot meals, grocery shopping, making telephone calls, taking medications, doing work around the house or garden, managing money, and getting around or finding an address in an unfamiliar place. If the respondent reports having difficulty with at least one ADL or IADL, then the respondent is asked a single question on whether they receive help for these difficulties. If someone helps with the activities, they are asked for the relationship of the single person who helps them the most with the ADLs and IADLs. LASI differentiates between helpers who are part of the household and helpers who are not.

The following variables are coded as special missing .x if the respondent reports having no difficulty with any ADLs or IADLs, and are coded as special missing .h if the respondent reports having difficulty with ADLs or IADLs, but does not receive any help. Special missing code .s is used to indicate cases where the respondent reports a helper who is part of the household, but their relationship could not be determined because the respondent was not the household head or the household head's spouse. Don't know, refused, or other missing responses are assigned special missing .d, .r, or .m, respectively. These variables are set to plain missing (.) for respondents who did not participate in the current wave.

RwRFCARE_L, RwRFCAREDPM_L, RwRFCAREHR_L, and RwRFCAREPD_L include help from the respondent's non-relatives and persons of unknown relationships.

RwRFCARE_L indicates whether the respondent's non-relative helps the respondent with any ADL or IADL needs. RwRFCARE_L is coded as 0 if the respondent receives no assistance from their non-relative, and coded as 1 if the respondent does receive help from their non-relative.

RwRFCAREDPM_L indicates the number of days in the last month the respondent's non-relative helped the respondent with any ADL or IADL needs. Values range from 0 to 31 days. RwRFCAREDPM_L is assigned a value of 0 if the respondent did not receive help from any non-relative.

RwRFCAREHR_L indicates the number of hours per day the respondent's non-relative helps the respondent with any ADL or IADL needs. Respondents are asked, on days their non-relative helps with any ADL or IADL needs, to list the number of hours per day their non-relative helps. Values range from 0-24 hours. RwRFCAREHR_L is assigned a value of 0 if the respondent did not receive help from any non-relative.

RwRFCAREPD_L indicates whether the respondent's non-relative is paid to help the respondent with any ADL or IADL needs. RwRFCAREPD_L is coded as 0 if the respondent did not receive help from any non-relative, or if the respondent's non-relative is not paid. RwRFCAREPD_L is coded as 1 if the respondent's non-relative is paid to help the respondent with any ADL or IADL needs.

SwRFCARE_L, SwRFCAREDPM_L, SwRFCAREHR_L, and SwRFCAREPD_L indicate whether, the frequency with which the respondent's current wave's spouse receives help from their non-relative, and whether they are paid, and

their values are taken from RwrFCARE_L, RwrFCAREDPM_L, RwrFCAREHR_L, and RwrFCAREPD_L. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing .v is used when the respondent reports being coupled in the current wave, but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in wave 3, the HRS asks for the relationships of up to 7 people who help with ADLs (dressing, walking across a room, bathing, eating, getting in and out of bed, and using the toilet), up to 6 people who help them with IADLs (preparing meals, grocery shopping, making phone calls, and taking medications), and up to 2 people who help them with managing money. LASI only asks for the relationship of the single person who helps them the most, and distinguishes between helpers that are part of the household and helpers that are not household members. Because of this distinction, the "_L" is included in the Harmonized LASI relative variable names to indicate that the two concepts are similar but not directly comparable.

The Harmonized LASI non-relative helper variables employ a special missing code .s to capture cases where the helper's relationship could not be determined because the respondent was not the household head or the household head's spouse. The Harmonized HRS does not employ this special missing.

Additionally, LASI asks about help received for doing work around the house or garden and getting around or finding an address in an unfamiliar place, which are not asked in the HRS. As such, these variables in the Harmonized LASI include help doing work around the house/garden and getting around/finding an address in an unfamiliar place, whereas the Harmonized HRS does not include help for these two activities.

The Harmonized HRS has additional variables, RwrAFCARE, RwrAFCAREDPM, RwrAFCAREHR, RwrAFCAREPD, RwrIFCARE, RwrIFCAREDPM, RwrIFCAREHR, and RwrIFCAREPD to indicate whether the respondent receives any informal care from their non-relatives for difficulties with ADLs and whether the respondent receives any informal care from their non-relatives for difficulties with IADLs, respectively. Because multiple helpers can be reported in the HRS, the Harmonized HRS also includes variables indicating the number of non-relative helpers, and number of non-relative helpers whose days or hours of help are missing. These variables are not available in the Harmonized LASI as LASI only asks one single question indicating whether the respondent receives any care for difficulties with ADLs or IADLs and does not have separate questions for ADLs and IADLs.

LASI Variables Used

Wave 1 Core:

HT424	Help from anyone
HT426_HH	Household Member list
HT427	Relationship with the helper
HT428	Help for how many days in the last month
HT429	Assist_you working hours per day
HT430	Payment for the help

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head

CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head

Care for ADLs or IADLs: Receives Formal Caregiving

Wave	Variable	Label	Type
1	R1RFAANY_L	rlrfaany_l:w1 r receives formal care most for adls/iadls	Categ
1	S1RFAANY_L	slrfaany_l:w1 s receives formal care most for adls/iadls	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RFAANY_L	25465	0.00	0.03	0.00	1.00
S1RFAANY_L	15074	0.00	0.02	0.00	1.00

Categorical Variable Codes

Value-----	R1RFAANY_L
.d:DK	47
.m:Missing	321
.r:Refuse	4
.x:no difficulty	47571
0.no	25439
1.yes	26

Value-----	S1RFAANY_L
.d:DK	28
.m:Missing	151
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	15065
1.yes	9

How Constructed

RwRFAANY_L indicates whether the respondent receives formal care the most for difficulties with activities of daily living (ADL) and/or instrumental activities of daily living (IADL). The activities of daily living include dressing, walking across a room, bathing, eating, getting in or out of bed, and using the toilet. The instrumental activities of daily living include preparing hot meals, grocery shopping, making telephone calls, taking medications, doing work around the house or garden, managing money, and getting around or finding an address in an unfamiliar place.

The following relationships are considered to provide formal care: non-professional paid helpers, and professional helpers (paid or non-paid).

RwRFAANY_L is assigned a value of 0 if the respondent reports having difficulty with at least one ADL or IADL, but receives no help with the activity from a formal caregiver or receives no help at all. RwRFAANY_L is assigned a value of 1 if the respondent reports having difficulty with at least one ADL or IADL activity and a formal caregiver helps with at least one of the activities. Special missing .x is assigned if the respondent reports not having difficulty to any of the ADL and IADL activities. Don't know, refused, and other missing responses are assigned special missing .d, .r, or .m, respectively. RwRFAANY_L is assigned a blank missing (.) if the respondent did not participate in the current wave.

SwRFAANY_L indicates whether the respondent's current wave's spouse receives any formal care for difficulties with ADLs or IADLs, and its values are taken from RwRFAANY_L. In addition to the special missing codes employed by RwRFAANY_L, SwRFAANY_L employs two additional special missing codes. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing .v is used when the respondent reports being coupled in the current wave, but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in wave 3, the HRS asks for the relationships of up to 7 people who help with ADLs (dressing, walking across a room, bathing, eating, getting in and out of bed, and using the toilet), up to 6 people who help them with IADLs (preparing meals, grocery shopping, making phone calls, and taking medications), and up to 2 people who help them with managing money. LASI only asks for the relationship of the single person who helps them the most, and distinguishes between helpers that are part of the household and helpers that are not household members. Because of this distinction, the "_L" is included in the Harmonized LASI variable name to indicate that the two concepts are similar but not directly comparable.

Additionally, LASI asks about help received for doing work around the house or garden and getting around or finding an address in an unfamiliar place, which are not asked in the HRS. As such, RWRFAANY_L in the Harmonized LASI includes help doing work around the house/garden and getting around/finding an address in an unfamiliar place, whereas the Harmonized HRS does not include help for these two activities.

The Harmonized HRS has additional variables, RWRFAANY and RWRIFAANY, to indicate whether the respondent receives any formal care for difficulties with ADLs and whether the respondent receives any formal care for difficulties with IADLs, respectively. These variables are not available in the Harmonized LASI as LASI only asks one single question indicating whether the respondent receives any care for difficulties with ADLs or IADLs and does not have separate questions for ADLs and IADLs.

LASI Variables Used

Wave 1 Core:

HT424	Help from anyone
HT426_HH	Household Member list
HT427	Relationship with the helper
HT428	Help for how many days in the last month
HT429	Assist_you working hours per day
HT430	Payment for the help

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head

CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head

Care for ADLs or IADLs: Receives Formal Caregiving from a Paid Professional

Wave	Variable	Label	Type
1	R1RPFCARE_L	r1rpfcare_l:w1 r receives formal care most from paid profess	Categ
1	S1RPFCARE_L	s1rpfcare_l:w1 s receives formal care most from paid profess	Categ
1	R1RPFCAREDPM_L	r1rpfcairedpm_l:w1 days/month paid professional helps r with	Cont
1	S1RPFCAREDPM_L	s1rpfcairedpm_l:w1 days/month paid professional helps s with	Cont
1	R1RPFCAREHR_L	r1rpfcarehr_l:w1 hours/day paid professional helps r with ad	Cont
1	S1RPFCAREHR_L	s1rpfcarehr_l:w1 hours/day paid professional helps s with ad	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RPFCARE_L	5169	0.00	0.07	0.00	1.00
S1RPFCARE_L	2624	0.00	0.05	0.00	1.00
R1RPFCAREDPM_L	5169	0.12	1.87	0.00	30.00
S1RPFCAREDPM_L	2624	0.07	1.46	0.00	30.00
R1RPFCAREHR_L	5169	0.03	0.58	0.00	24.00
S1RPFCAREHR_L	2624	0.01	0.25	0.00	8.00

Categorical Variable Codes

Value	R1RPFCARE_L
.d:DK	47
.h:no help received	20296
.m:Missing	321
.r:Refuse	4
.x:no difficulty	47571
0.no	5147
1.yes	22

Value	S1RPFCARE_L
.d:DK	28
.h:no help received	12450
.m:Missing	151
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	2617
1.yes	7

How Constructed

The following variables indicate whether a paid professional helps the respondent the most with any ADL or IADL needs. The activities of daily living include dressing, walking across a room, bathing, eating, getting in or out of bed, and using the toilet. The instrumental activities of daily living include preparing hot meals, grocery shopping, making telephone calls, taking medications, doing work around the house or garden, managing money, and getting around or finding an address in an unfamiliar place. If the respondent reports having difficulty with at least one ADL or IADL, then the respondent is asked a single

question indicating whether they receive help for these difficulties. If someone helps with the activities, they are asked for the relationship of the single person who helps them the most with the ADLs and IADLs. LASI differentiates between helpers who are part of the household and helpers who are not.

The following variables are coded as special missing .x if the respondent reports having no difficulty with any ADLs or IADLs, and are coded as special missing .h if the respondent reports having difficulty with ADLs or IADLs, but does not receive any help. Don't know, refused, or other missing responses are assigned special missing .d, .r, or .m, respectively. These variables are set to plain missing (.) for respondents who did not participate in the current wave.

RwRPFCARE_L, RwRPFCAREDPM_L, and RwRPFCAREHR_L include help from individuals described as non-professional paid helpers or professionals (paid or non-paid) if the respondent subsequently reports that they are paid.

RwRPFCARE_L indicates whether a paid professional helps the respondent with any ADL or IADL needs. RwRPFCARE_L is coded as 0 if the respondent receives no assistance from paid professionals, and coded as 1 if the respondent does receive help from a paid professional.

RwRPFCAREDPM_L indicates the number of days in the last month a paid professional helped the respondent with any ADL or IADL needs. Values range from 0 to 31 days. RwRPFCAREDPM_L is assigned a value of 0 if the respondent did not receive help from any paid professional.

RwRPFCAREHR_L indicates the number of hours per day a paid professional helps the respondent with any ADL or IADL needs. Respondents are asked, on days a paid professional helps with any ADL or IADL needs, to list the number of hours per day a paid professional helps. Values range from 0-24 hours. RwRPFCAREHR_L is assigned a value of 0 if the respondent did not receive help from any paid professional.

SwRPFCARE_L, SwRPFCAREDPM_L, and SwRPFCAREHR_L indicate whether and the frequency with which the respondent's current wave's spouse receives help from a paid professional, and their values are taken from RwRPFCARE_L, RwRPFCAREDPM_L, and RwRPFCAREHR_L. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing .v is used when the respondent reports being coupled in the current wave, but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in wave 3, the HRS asks for the relationships of up to 7 people who help with ADLs (dressing, walking across a room, bathing, eating, getting in and out of bed, and using the toilet), up to 6 people who help them with IADLs (preparing meals, grocery shopping, making phone calls, and taking medications), and up to 2 people who help them with managing money. LASI only asks for the relationship of the single person who helps them the most, and distinguishes between helpers that are part of the household and helpers that are not household members. Because of this distinction, the "_L" is included in the Harmonized LASI relative variable names to indicate that the two concepts are similar but not directly comparable.

Additionally, LASI asks about help received for doing work around the house or garden and getting around or finding an address in an unfamiliar place, which are not asked in the HRS. As such, these variables in the Harmonized LASI include help doing work around the house/garden and getting around/finding an address in an unfamiliar place, whereas the Harmonized HRS does not include help for these two activities.

The Harmonized HRS has additional variables, RwRAPFCARE, RwRAPFCAREDPM, RwRAPFCAREHR, RwRIPFCARE, RwRIPFCAREDPM, and RwRIPFCAREHR, to indicate whether the respondent receives any formal care from their paid professionals for difficulties with ADLs and whether the respondent receives any formal care from paid professionals for difficulties with IADLs, respectively. Because multiple helpers can be reported in the HRS, the Harmonized HRS also includes variables indicating the number of paid professional helpers, and number of paid professional helpers whose days or hours of help are missing. These variables are not

available in the Harmonized LASI as LASI only asks one single question indicating whether the respondent receives any care for difficulties with ADLs or IADLs and does not have separate questions for ADLs and IADLs. The HRS does not ask whether employees of facilities are paid, but they are assumed to be paid for these variables in the Harmonized HRS.

LASI Variables Used

Wave 1 Core:

HT424	Help from anyone
HT426_HH	Household Member list
HT427	Realationship with the helper
HT428	Help for how many days in the last month
HT429	Assist_you working hours per day
HT430	Payment for the help

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head

Care for ADLs or IADLs: Receives Formal Caregiving from an Unpaid Professional

Wave	Variable	Label	Type
1	R1RUFCARE_L	r1rufcare_l:w1 r receives formal care most from unpaid profe	Categ
1	S1RUFCARE_L	s1rufcare_l:w1 s receives formal care most from unpaid profe	Categ
1	R1RUFCAREDPM_L	r1rufcaredpm_l:w1 days/month unpaid professional helps r wit	Cont
1	S1RUFCAREDPM_L	s1rufcaredpm_l:w1 days/month unpaid professional helps s wit	Cont
1	R1RUFCAREHR_L	r1rufcarehr_l:w1 hours/day unpaid professional helps r with	Cont
1	S1RUFCAREHR_L	s1rufcarehr_l:w1 hours/day unpaid professional helps s with	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1RUFCARE_L	5169	0.00	0.03	0.00	1.00
S1RUFCARE_L	2624	0.00	0.03	0.00	1.00
R1RUFCAREDPM_L	5169	0.01	0.59	0.00	30.00
S1RUFCAREDPM_L	2624	0.00	0.03	0.00	1.00
R1RUFCAREHR_L	5169	0.01	0.34	0.00	24.00
S1RUFCAREHR_L	2624	0.00	0.06	0.00	3.00

Categorical Variable Codes

Value-----	R1RUFCARE_L
.d:DK	47
.h:no help received	20296
.m:Missing	321
.r:Refuse	4
.x:no difficulty	47571
0.no	5165
1.yes	4

Value-----	S1RUFCARE_L
.d:DK	28
.h:no help received	12450
.m:Missing	151
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
.x:no difficulty	34898
0.no	2622
1.yes	2

How Constructed

The following variables indicate whether an unpaid professional helps the respondent the most with any ADL or IADL needs. The activities of daily living include dressing, walking across a room, bathing, eating, getting in or out of bed, and using the toilet. The instrumental activities of daily living include preparing hot meals, grocery shopping, making telephone calls, taking medications, doing work around the house or garden, managing money, and getting around or finding an address in an unfamiliar place. If the respondent reports having difficulty with at least one ADL or IADL, then the respondent is

asked a single question indicating whether they receive help for these difficulties. If someone helps with the activities, they are asked for the relationship of the single person who helps them the most with the ADLs and IADLs. LASI differentiates between helpers who are part of the household and helpers who are not.

The following variables are coded as special missing .x if the respondent reports having no difficulty with any ADLs or IADLs, and are coded as special missing .h if the respondent reports having difficulty with ADLs or IADLs, but does not receive any help. Don't know, refused, or other missing responses are assigned special missing .d, .r, or .m, respectively. These variables are set to plain missing (.) for respondents who did not participate in the current wave.

RwRUF CARE_L, RwRUF CAREDPM_L, and RwRUF CAREHR_L include help from individuals described as non-professional paid helpers or professionals (paid or non-paid) if the respondent subsequently reports that they are unpaid.

RwRUF CARE_L indicates whether an unpaid professional helps the respondents with any ADL or IADL needs. RwRUF CARE_L is coded as 0 if the respondent receives no assistance from unpaid professionals, and coded as 1 if the respondent does receive help from an unpaid professional.

RwRUF CAREDPM_L indicates the number of days in the last month an unpaid professional helped the respondent with any ADL or IADL needs. Values range from 0 to 31 days. RwRUF CAREDPM_L is assigned a value of 0 if the respondent did not receive help from any unpaid professional.

RwRUF CAREHR_L indicates the number of hours per day an unpaid professional helps the respondent with any ADL or IADL needs. Respondents are asked, on days an unpaid professional helps with any ADL or IADL needs, to list the number of hours per day an unpaid professional helps. Values range from 0-24 hours. RwRUF CAREHR_L is assigned a value of 0 if the respondent did not receive help from any unpaid professional.

SwRUF CARE_L, SwRUF CAREDPM_L, and SwRUF CAREHR_L indicate whether and the frequency with which the respondent's current wave's spouse receives help from an unpaid professional, and their values are taken from RwRUF CARE_L, RwRUF CAREDPM_L, and RwRUF CAREHR_L. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing .v is used when the respondent reports being coupled in the current wave, but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Starting in wave 3, the HRS asks for the relationships of up to 7 people who help with ADLs (dressing, walking across a room, bathing, eating, getting in and out of bed, and using the toilet), up to 6 people who help them with IADLs (preparing meals, grocery shopping, making phone calls, and taking medications), and up to 2 people who help them with managing money. LASI only asks for the relationship of the single person who helps them the most, and distinguishes between helpers that are part of the household and helpers that are not household members. Because of this distinction, the "_L" is included in the Harmonized LASI relative variable names to indicate that the two concepts are similar but not directly comparable.

Additionally, LASI asks about help received for doing work around the house or garden and getting around or finding an address in an unfamiliar place, which are not asked in the HRS. As such, these variables in the Harmonized LASI include help doing work around the house/garden and getting around/finding an address in an unfamiliar place, whereas the Harmonized HRS does not include help for these two activities.

The Harmonized HRS has additional variables, RwRAUF CARE, RwRAUF CAREDPM, RwRAUF CAREHR, RwRIUF CARE, RwRIUF CAREDPM, and RwRIUF CAREHR, to indicate whether the respondent receives any formal care from unpaid professionals for difficulties with ADLs and whether the respondent receives any formal care from unpaid professionals for difficulties with IADLs, respectively. Because multiple helpers can be reported in the HRS, the Harmonized HRS also includes variables indicating the number of unpaid professional helpers, and

number of unpaid professional helpers whose days or hours of help are missing. These variables are not available in the Harmonized LASI as LASI only asks one single question indicating whether the respondent receives any care for difficulties with ADLs or IADLs and does not have separate questions for ADLs and IADLs.

LASI Variables Used

Wave 1 Core:

HT424	Help from anyone
HT426_HH	Household Member list
HT427_	Realationship with the helper
HT428	Help for how many days in the last month
HT429	Assist_you working hours per day
HT430	Payment for the help

Wave 1 Coverscreen:

CV003_1	Relationship to HH head
CV003_10	Relationship to HH head
CV003_11	Relationship to HH head
CV003_12	Relationship to HH head
CV003_13	Relationship to HH head
CV003_14	Relationship to HH head
CV003_15	Relationship to HH head
CV003_16	Relationship to HH head
CV003_17	Relationship to HH head
CV003_18	Relationship to HH head
CV003_19	Relationship to HH head
CV003_2	Relationship to HH head
CV003_20	Relationship to HH head
CV003_21	Relationship to HH head
CV003_22	Relationship to HH head
CV003_23	Relationship to HH head
CV003_24	Relationship to HH head
CV003_25	Relationship to HH head
CV003_26	Relationship to HH head
CV003_27	Relationship to HH head
CV003_28	Relationship to HH head
CV003_29	Relationship to HH head
CV003_3	Relationship to HH head
CV003_30	Relationship to HH head
CV003_31	Relationship to HH head
CV003_32	Relationship to HH head
CV003_33	Relationship to HH head
CV003_34	Relationship to HH head
CV003_35	Relationship to HH head
CV003_4	Relationship to HH head
CV003_5	Relationship to HH head
CV003_6	Relationship to HH head
CV003_7	Relationship to HH head
CV003_8	Relationship to HH head
CV003_9	Relationship to HH head

Provides Personal Care

Wave	Variable	Label	Type
1	R1GACARE	rlgacare:w1 r provides any personal care	Categ
1	S1GACARE	slgacare:w1 s provides any personal care	Categ
1	R1GASCARE_L	rlgascare_l:w1 r provides personal care to spouse	Categ
1	S1GASCARE_L	slgascare_l:w1 s provides personal care to spouse	Categ
1	R1GACCARE_L	rlgaccare_l:w1 r provides personal care to children	Categ
1	S1GACCARE_L	slgaccare_l:w1 s provides personal care to children	Categ
1	R1GAPCARE_L	rlgapcare_l:w1 r provides personal care to parents	Categ
1	S1GAPCARE_L	slgapcare_l:w1 s provides personal care to parents	Categ
1	R1GABCARE_L	rlgabcare_l:w1 r provides personal care to siblings	Categ
1	S1GABCARE_L	slgabcare_l:w1 s provides personal care to siblings	Categ
1	R1GARCARE_L	rlgarcare_l:w1 r provides personal care to relatives	Categ
1	S1GARCARE_L	slgarcare_l:w1 s provides personal care to relatives	Categ
1	R1GAFCARE_L	rlgafcare_l:w1 r provides personal care to non-relatives	Categ
1	S1GAFCARE_L	slgafcare_l:w1 s provides personal care to non-relatives	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1GACARE	72313	0.04	0.19	0.00	1.00
S1GACARE	49590	0.04	0.20	0.00	1.00
R1GASCARE_L	72500	0.01	0.09	0.00	1.00
S1GASCARE_L	49549	0.01	0.10	0.00	1.00
R1GACCARE_L	72251	0.00	0.07	0.00	1.00
S1GACCARE_L	49533	0.00	0.06	0.00	1.00
R1GAPCARE_L	72263	0.01	0.11	0.00	1.00
S1GAPCARE_L	49549	0.01	0.11	0.00	1.00
R1GABCARE_L	72263	0.00	0.03	0.00	1.00
S1GABCARE_L	49549	0.00	0.03	0.00	1.00
R1GARCARE_L	72263	0.02	0.13	0.00	1.00
S1GARCARE_L	49549	0.02	0.13	0.00	1.00
R1GAFCARE_L	72263	0.00	0.04	0.00	1.00

S1GAF CARE_L	49549	0.00	0.05	0.00	1.00
--------------	-------	------	------	------	------

Categorical Variable Codes

Value-----	R1GACARE
.d:DK	16
.m:Missing	1056
.r:Refuse	23
0.no	69654
1.yes	2659

Value-----	S1GACARE
.d:DK	6
.m:Missing	540
.r:Refuse	16
.u:Unmar	16594
.v:SP NR	6662
0.no	47606
1.yes	1984

Value-----	R1GASCARE_L
.d:DK	8
.m:Missing	879
.r:Refuse	21
0.no	71913
1.yes	587

Value-----	S1GASCARE_L
.d:DK	6
.m:Missing	580
.r:Refuse	17
.u:Unmar	16594
.v:SP NR	6662
0.no	49045
1.yes	504

Value-----	R1GACCARE_L
.d:DK	15
.m:Missing	1123
.r:Refuse	19
0.no	71942
1.yes	309

Value-----	S1GACCARE_L
.d:DK	6
.m:Missing	598
.r:Refuse	15
.u:Unmar	16594
.v:SP NR	6662
0.no	49344
1.yes	189

Value-----	R1GAPCARE_L
.d:DK	16
.m:Missing	1105
.r:Refuse	24
0.no	71383
1.yes	880

Value-----	S1GAPCARE_L
.d:DK	6
.m:Missing	580
.r:Refuse	17
.u:Unmar	16594
.v:SP NR	6662
0.no	48905
1.yes	644

Value-----	R1GABCARE_L
.d:DK	16
.m:Missing	1105
.r:Refuse	24
0.no	72200
1.yes	63

Value-----	S1GABCARE_L
.d:DK	6
.m:Missing	580
.r:Refuse	17
.u:Unmar	16594
.v:SP NR	6662
0.no	49518
1.yes	31

Value-----	R1GARCARE_L
.d:DK	16
.m:Missing	1105
.r:Refuse	24
0.no	71076
1.yes	1187

Value-----	S1GARCARE_L
.d:DK	6
.m:Missing	580
.r:Refuse	17
.u:Unmar	16594
.v:SP NR	6662
0.no	48697
1.yes	852

Value-----	R1GAFCARE_L
.d:DK	16
.m:Missing	1105
.r:Refuse	24
0.no	72123
1.yes	140

Value-----	S1GAFCARE_L
.d:DK	6
.m:Missing	580
.r:Refuse	17
.u:Unmar	16594
.v:SP NR	6662
0.no	49446
1.yes	103

How Constructed

The following variables indicate whether the respondent provides any personal care to family members or non-family members. The respondent is first asked whether there are any members of their family who are unable to carry out their basic daily activities, and if so, whether they take care of any of these family members. The respondent is also asked if they care for any other sick or disabled adults other than their family members. If they report caring for family members or other sick or disabled adults, they are asked their relationship to the primary person they provide care for.

RwGACARE indicates whether the respondent provides any personal care to family members or non-family members. RwGACARE is coded as 0 if the respondent reports not caring for anyone, and is coded as 1 if they provided care to anyone.

RwGASCARE_L indicates whether the respondent provides any personal care to their spouse or partner. RwGASCARE_L is assigned a 0 if no one in the family needs care, if the respondent does not provide care to family and those outside of the family, or if the primary person the respondent cares for is not their spouse/partner. A 1 is assigned if the respondent reports that their spouse/partner is the primary person they care for.

RwGACCARE_L indicates whether the respondent provides any personal care to their children. RwGACCARE_L is assigned a 0 if no one in the family needs care, if the respondent does not provide care to family and those outside of the family, or if the primary person the respondent cares for is not their child. A 1 is assigned if the respondent reports that their child is the primary person they care for.

RwGAPCARE_L indicates whether the respondent provides any personal care to their parents or parents-in-law. RwGAPCARE_L is assigned a 0 if no one in the family needs care, if the respondent does not provide care to family and those outside of the family, or if the primary person the respondent cares for is not their parent or parent-in-law. A 1 is assigned if the respondent reports that their parent or parent-in-law is the primary person they care for.

RwGABCARE_L indicates whether the respondent provides any personal care to their brothers or sisters. RwGABCARE_L is assigned a 0 if no one in the family needs care, if the respondent does not provide care to family and those outside of the family, or if the primary person the respondent cares for is not their brother/sister. A 1 is assigned if the respondent reports that their brother/sister is the primary person they care for.

RwGARCARE_L indicates whether the respondent provides any personal care to their relatives, including parents, parents-in-law, brothers/sisters, or other relatives. RwGARCARE_L is assigned a 0 if no one in the family needs care, if the respondent does not provide care to family and those outside of the family, or if the primary person the respondent cares for is not their parent, parent-in-law, brother/sister, or other relative. A 1 is assigned if the respondent reports that their parent, parent-in-law, brother/sister, or other relative is the primary person they care for.

RwGAFCARE_L indicates whether the respondent provides any personal care to their non-relative. RwGAFCARE_L is assigned a 0 if no one in the family needs care, if the respondent does not provide care to family and those outside of the family, or if the primary person the respondent cares for is not a non-relative. A 1 is assigned if the respondent reports that a non-relative is the primary person they care for.

Don't know, refused, or other missing responses are assigned special missing .d, .r, or .m, respectively. These variables are assigned plain missing (.) if the respondent did not participate in the current wave.

SwGACARE, SwGASCARE_L, SwGACCARE_L, SwGAPCARE_L, SwGARCARE_L, and SwGAFCARE_L indicate whether the respondent's current wave's spouse provides any personal care and who they primarily provide personal care to, and their values are taken from RwGACARE, RwGASCARE_L, RwGACCARE_L, RwGAPCARE_L, RwGARCARE_L, and RwGAFCARE_L. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes. A special missing value .u is used when the respondent does not report being coupled in the current wave. A special missing .v is used when the respondent reports being coupled in the current wave, but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS asks whether the respondent and/or their spouse provided personal care for their parents for 100 or more hours in the last two years or since the last interview. LASI asks whether the respondent and spouse separately provide care to their family members or non-family members without a minimum required time, and the relationship of who they primarily care for. As a result, the Harmonized HRS includes HwGAPCARE at the couple-level, while the Harmonized LASI includes RwGAPCARE_L at the respondent-level if their parent or parent-in-law is the primary person they care for. The Harmonized LASI includes additional variables based on the relationships asked about.

LASI Variables Used

Wave 1 Core:

FS407	Any family members unable to carry out basic dai
FS408	Take care of family members_unable to carry out
FS411	Take care non family members
FS414	Relationship to primary person for whome you pro

Looks After Grandchildren

Wave	Variable	Label	Type
1	R1GKSIT	rlgksit:w1 r looks after grandchildren	Categ
1	S1GKSIT	slgksit:w1 s looks after grandchildren	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1GKSIT	72576	0.14	0.34	0.00	1.00
S1GKSIT	49751	0.13	0.34	0.00	1.00

Categorical Variable Codes

Value-----	R1GKSIT
.d:DK	17
.m:Missing	782
.r:Refuse	33
0.no	62775
1.yes	9801

Value-----	S1GKSIT
.d:DK	6
.m:Missing	374
.r:Refuse	21
.u:Unmar	16594
.v:SP NR	6662
0.no	43174
1.yes	6577

How Constructed

RwGKSIT indicates whether the respondent looks after any of their grandchildren. The respondent is first asked whether they have grandchildren, and if so, whether they look after any of their grandchildren. RwGKSIT is assigned a 0 if the respondent does not have any grandchildren or does not care for any grandchildren and is assigned a 1 if the respondent reports looking after any of their grandchildren. Don't know, refused, or other missing responses are assigned special missing values .d, .r, or .m, respectively. RwGKSIT is set to plain missing (.) if the respondent did not participate in the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

HwGKSIT in the Harmonized HRS indicates whether the respondent and/or their spouse looked after their grandchildren for 100 or more hours in the last two years or since the last interview. RwGKSIT in the Harmonized LASI indicates whether the respondent looks after their grandchildren and does not provide a minimum number of hours or timeframe. HwGKSIT is at the couple-level in the Harmonized HRS and RwGKSIT is at the respondent-level in the Harmonized LASI.

LASI Variables Used

Wave 1 Core:	
FS213	Have grandchildren

FS215 Look after grand children

Section M: Stress

Neighborhood Physical Disorder/Neighborhood Social Cohesion

Wave	Variable	Label	Type
1	R1SFHOME_L	r1sfhome_l:w1 r safe from crime/violence when home alone	Categ
1	S1SFHOME_L	s1sfhome_l:w1 s safe from crime/violence when home alone	Categ
1	R1AFWALK_L	r1afwalk_l:w1 r safe walking alone in this area	Categ
1	S1AFWALK_L	s1afwalk_l:w1 s safe walking alone in this area	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SFHOME_L	71552	1.60	0.59	1.00	4.00
S1SFHOME_L	49273	1.59	0.58	1.00	4.00
R1AFWALK_L	71547	1.76	0.70	1.00	4.00
S1AFWALK_L	49271	1.74	0.69	1.00	4.00

Categorical Variable Codes

Value-----	R1SFHOME_L
.d:DK	17
.m:Missing	1117
.p:proxy	715
.r:Refuse	7
1.completely safe	31920
2.safe	36441
3.not very safe	2932
4.not safe at all	259

Value-----	S1SFHOME_L
.d:DK	11
.m:Missing	577
.p:proxy	289
.r:Refuse	2
.u:Unmar	16594
.v:SP NR	6662
1.completely safe	22474
2.safe	24841
3.not very safe	1808
4.not safe at all	150

Value-----	R1AFWALK_L
.d:DK	20
.m:Missing	1119
.p:proxy	715
.r:Refuse	7
1.completely safe	26828
2.safe	36294
3.not very safe	7141
4.not safe at all	1284

Value-----	S1AFWALK_L
.d:DK	10
.m:Missing	579
.p:proxy	289
.r:Refuse	3
.u:Unmar	16594

.v:SP NR		6662
1.completely safe		18930
2.safe		24913
3.not very safe		4667
4.not safe at all		761

How Constructed

Two neighborhood physical disorder/neighborhood social cohesion questions were asked to respondents to learn about their feelings regarding the safety of their local area.

RwSFHOME_L indicates how safe from crime and violence the respondents feel when they are home alone.

RwAFWALK_L indicates how safe the respondents feel when they are walking down the street/locality alone after dark.

A code of 1 indicates that respondents feel completely safe. A code of 2 indicates that the respondents feel safe. A code of 3 indicates that the respondents do not feel very safe. A code of 4 indicates that the respondents do not feel safe at all. RwSFHOME_L and RwaFWALK_L are set to special missing .p if these questions were skipped because the interview was by proxy. Don't know, refused, or other missing values of RwSFHOME_L and RwaFWALK_L are assigned special missing codes .d, .r, or .m, respectively. These variables are set to plain missing (.) for respondents who did not respond to the current wave.

SwSFHOME_L and SwaFWALK_L indicate the respondent's current wave's spouse's feelings about statements about their neighborhood and are taken from the spouse's values to RwSFHOME_L and RwaFWALK_L, respectively. In addition to the special missing codes used in RwSFHOME_L and RwaFWALK_L, SwSFHOME_L and SwaFWALK_L 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Neighborhood physical disorder/neighborhood social cohesion questions are asked in the HRS starting in wave 8.

Different from the HRS, the LASI does not ask questions about whether the respondents feel they are part of/don't belong in the area, whether they feel vandalism and graffiti is no problem/a big problem in the area, whether they feel that most people in the area can/can't be trusted, whether they feel most people are friendly/unfriendly in the area, whether they feel the area is kept clean/always full of rubbish and litter, whether they feel if they were in trouble there are lots of people/nobody would help in the area, and whether they feel there are no/many vacant or deserted houses or storefronts in the area. These are presented in the Harmonized HRS as RwbELONG, RwbVANDAL, RwbTRUST, RwbUNFRIEND, RwbRUBBISH, RwbHLPNTR, and RwbVACANT, respectively. As LASI only asks two neighborhood physical disorder/neighborhood social cohesion questions, the Harmonized LASI does not include the mean of four neighborhood physical disorder questions, presented as RwbNPDISUM in the Harmonized HRS, and the mean of four neighborhood social cohesion questions, presented as RwbNSOCOSUM in the Harmonized HRS.

The HRS does not ask respondents how safe from crime and violence they feel when they are home alone, presented as RwSFHOME_L in the Harmonized LASI.

In the Harmonized HRS, these questions are coded so that a report of 1 indicates the respondent most closely agrees with the positive statement and a report of 7 indicates that the respondent most closely agrees with the negative statement. In the Harmonized LASI, these questions are coded on a scale of 1 to 4, with a report of a report of 1 indicating that the respondent feels not safe at all and a report of 4 indicating that the respondent feels completely safe. Due to this difference in scale, these variables in the Harmonized LASI add "_L" at the end of the variable name.

LASI Variables Used

Wave 1 Core:

FS606	Feeling safe from crime and violence
FS607	Feeling safe when walking down on street/localit

Childhood Stressful Events

Wave	Variable	Label	Type
1	RAMISCHLTH	ramischlth: r missed school for 1+ mo due to health	Categ
1	S1MISCHLTH	slmischlth:w1 s missed school for 1+ mo due to health	Categ
1	RABEDRDCH	rabedrdch: r bedridden more than 1 month in childhood	Categ
1	S1BEDRDCH	slbedrdch:w1 s bedridden more than 1 month in childhood	Categ
1	RAFINANCH	rafinanch: financial situation while r was growing up	Categ
1	S1FINANCH	slfinanch:w1 financial situation while s was growing up	Categ
1	RACHSHLTA	rachshlta: r childhood health status	Categ
1	S1CHSHLTA	slchshlta:w1 s childhood health status	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
RAMISCHLTH	39414	0.04	0.20	0.00	1.00
S1MISCHLTH	29275	0.04	0.20	0.00	1.00
RABEDRDCH	73017	0.05	0.22	0.00	1.00
S1BEDRDCH	49968	0.05	0.22	0.00	1.00
RAFINANCH	72632	2.31	0.60	1.00	3.00
S1FINANCH	49722	2.31	0.60	1.00	3.00
RACHSHLTA	73087	1.66	0.72	1.00	5.00
S1CHSHLTA	50010	1.66	0.72	1.00	5.00

Categorical Variable Codes

Value-----	RAMISCHLTH
.d:DK	51
.m:Missing	33942
.r:Refuse	1
0.no	37852
1.yes	1562
Value-----	S1MISCHLTH
.d:DK	30
.m:Missing	20846
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
0.no	28092
1.yes	1183
Value-----	RABEDRDCH
.d:DK	121
.m:Missing	268
.r:Refuse	2

0.no		69278
1.yes		3739

Value-----		S1BEDRDCH
.d:DK		57
.m:Missing		127
.u:Unmar		16594
.v:SP NR		6662
0.no		47420
1.yes		2548

Value-----		RAFINANCH
.d:DK		80
.m:Missing		272
.n:it varied		421
.r:Refuse		3
1.pretty well off		5420
2.average		39370
3.poor		27842

Value-----		S1FINANCH
.d:DK		36
.m:Missing		128
.n:it varied		264
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
1.pretty well off		3647
2.average		27187
3.poor		18888

Value-----		RACHSHLTA
.d:DK		56
.m:Missing		264
.r:Refuse		1
1.very good		34002
2.good		30897
3.fair		7061
4.poor		1013
5.very poor		114

Value-----		S1CHSHLTA
.d:DK		16
.m:Missing		126
.u:Unmar		16594
.v:SP NR		6662
1.very good		23386
2.good		21115
3.fair		4762
4.poor		672
5.very poor		75

How Constructed

RAMISCHLTH indicates whether the respondent ever missed a month or more of school because of a health problem before age 16.

RABEDRDCH indicates whether the respondent was ever bedridden for a month or more because of a health problem before age 16.

A code of 1 is assigned if the respondent gave a positive answer to the question. A code of 0 is assigned if the respondent gave a negative answer to the question. Don't know, refused, or other missing values of RAMISCHLTH and RABEDRDCH are assigned special missing codes .d, .r, or .m, respectively. These variables are set to plain missing (.) for respondents who did not respond to the current wave.

SwMISCHLTH and SwBEDRDCH indicates the respondent's current wave's spouse's experience with childhood stressful experiences, and their values are taken from RAMISCHLTH and RABEDRDCH, respectively. In addition to the special missing codes used in RAMISCHLTH and RABEDRDCH, SwMISCHLTH and SwBEDRDCH 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.

RAFINANCH is the respondent's self-rated family financial situation while they were growing up, before age 16. A code of 1 indicates that the respondent's family during that time was pretty well off financially. A code of 2 indicates that the respondent's family financial situation while they were growing up was average. A code of 3 indicates that the respondent's family financial situation was poor. A special missing code of .n is assigned if the respondent voluntarily replied that their family financial situation varied. Don't know, refused, or other missing values of RAFINANCH are assigned special missing codes .d, .r, or .m, respectively. RAFINANCH is set to plain missing (.) for respondents who did not respond to the current wave.

SwFINANCH is the respondent's current wave's spouse's self-rated family financial situation while they were growing up from birth to age 16, and its values are taken from the spouse's values to RAFINANCH. In addition to the special missing codes used in RAFINANCH, SwFINANCH employs two additional 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.

RACHSHLTA is the respondent's self-rated health while they were growing up, before age 16. RACHSHLTA is coded as follows: 1.very good, 2.good, 3.fair, 4.poor, or 5.very poor. Don't know, refused, or other missing values of RACHSHLTA are assigned special missing codes .d, .r, or .m, respectively. It is set to plain missing (.) for respondents who did not respond to the current wave.

SwCHSHLTA is the respondent's current wave's spouse's self-rated health while they were growing up, before age 16, and its values are taken from RACHSHLTA. In addition to the special missing codes used in RACHSHLTA, SwCHSHLTA employs two other missing codes, .u and .v. A special missing .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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, the LASI does not ask respondents whether they were physically abused by either of their parents, whether either of their parents drank or used drugs so often that it caused problems in the family, whether they experienced a difficult living arrangement before age 16, whether their parents separated or divorced before age 16, whether one or both parents died before age 16, whether they were separated from their mother before age 16, and whether they were separated from their father before age 16, presented in the Harmonized HRS as RwPABUSED, RwPADRUG, RALIVDIFFCH, RAPADIVCH, RAPADIECH, RASEPMOM, and RASEPDAD, respectively. As such, the Harmonized LASI does not provide the number of childhood stressful events the respondent experienced or the number of life history childhood stress items, presented in the Harmonized HRS as RALSEVENT and RALHCHILD, respectively.

LASI employs an alternative scale of the respondent's self-rated health while they were growing up, before age 16. RACHSHLTA in the Harmonized LASI uses a scale ranging from Very Good to Very Poor whereas RACHSHLT in the Harmonized HRS uses a scale ranging from Excellent to Poor.

The HRS and LASI use slightly different wording to ask about the family financial situation during childhood. The HRS asks respondents "Would you say your family during that time was pretty well off financially, about average, or poor?" while LASI asks "Compared to other families in your community, would you say your family during that time was pretty well off financially, about average, or poor?" While the answer choices are comparable, the LASI explicitly asks respondents to compare their family to other families in their community.

LASI Variables Used

Wave 1 Core:

HT231

Status of childhood health

HT232_PROXY	Status of childhood health_proxy
HT233	Ever bedridden month or more during childhood
HT234	Missed school due to health problem during child
HT235	Financial status of family during childhood

Everyday Discrimination

Wave	Variable	Label	Type
1	R1LSRSPCT	r1lsrspct:w1 r was treated with less courtesy or respect	Categ
1	S1LSRSPCT	s1lsrspct:w1 s was treated with less courtesy or respect	Categ
1	R1PRSRVC	rlprsrvc:w1 r received poorer service at restaurants/stores	Categ
1	S1PRSRVC	slprsrvc:w1 s received poorer service at restaurants/stores	Categ
1	R1NOTSMRT	rlnotsmrt:w1 people act as if r is not smart	Categ
1	S1NOTSMRT	s1notsmrt:w1 people act as if s is not smart	Categ
1	R1HARASS	rlharass:w1 r was threatened or harassed	Categ
1	S1HARASS	slharass:w1 s was threatened or harassed	Categ
1	R1PRTRMT	rlprtrmt:w1 r received poorer service from doctors/hospitals	Categ
1	S1PRTRMT	slprtrmt:w1 s received poorer service from doctors/hospitals	Categ
1	R1ACTAFD	rlactafd:w1 people act afraid of r	Categ
1	S1ACTAFD	slactafd:w1 people act afraid of s	Categ
1	R1DSCRIM	rldscrim:w1 r 6-item discrimination summary mean score	Cont
1	S1DSCRIM	sldscrim:w1 s 6-item discrimination summary mean score	Cont
1	R1DSCRIMM	rldscrimm:w1 r 6-item discrimination summary mean score miss	Cont
1	S1DSCRIMM	sldscrimm:w1 s 6-item discrimination summary mean score miss	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LSRSPCT	71528	1.25	0.87	1.00	6.00
S1LSRSPCT	49262	1.24	0.86	1.00	6.00
R1PRSRVC	71522	1.13	0.59	1.00	6.00
S1PRSRVC	49258	1.13	0.57	1.00	6.00
R1NOTSMRT	71514	1.15	0.65	1.00	6.00
S1NOTSMRT	49256	1.15	0.64	1.00	6.00
R1HARASS	71529	1.11	0.55	1.00	6.00
S1HARASS	49262	1.11	0.53	1.00	6.00
R1PRTRMT	71520	1.11	0.52	1.00	6.00
S1PRTRMT	49259	1.11	0.52	1.00	6.00
R1ACTAFD	71518	1.12	0.58	1.00	6.00

S1ACTAFD	49258	1.12	0.58	1.00	6.00
R1DSCRIM	71532	1.14	0.49	1.00	6.00
S1DSCRIM	49262	1.14	0.49	1.00	6.00
R1DSCRIMM	72693	0.10	0.75	0.00	6.00
S1DSCRIMM	49863	0.07	0.66	0.00	6.00

Categorical Variable Codes

Value-----	R1LSRSPCT
.d:DK	39
.m:Missing	1123
.p:Proxy	715
.r:Refuse	3
1.never	64274
2.less than once a year	2661
3.a few times a year	1717
4.a few times a month	1080
5.at least once a week	629
6.almost everyday	1167

Value-----	S1LSRSPCT
.d:DK	20
.m:Missing	581
.p:Proxy	289
.u:Unmar	16594
.v:SP NR	6662
1.never	44471
2.less than once a year	1769
3.a few times a year	1128
4.a few times a month	670
5.at least once a week	414
6.almost everyday	810

Value-----	R1PRSRVC
.d:DK	45
.m:Missing	1123
.p:Proxy	715
.r:Refuse	3
1.never	67126
2.less than once a year	1778
3.a few times a year	1317
4.a few times a month	691
5.at least once a week	310
6.almost everyday	300

Value-----	S1PRSRVC
.d:DK	24
.m:Missing	581
.p:Proxy	289
.u:Unmar	16594
.v:SP NR	6662
1.never	46310
2.less than once a year	1181
3.a few times a year	892
4.a few times a month	494
5.at least once a week	191
6.almost everyday	190

Value-----	R1NOTSMRT
.d:DK	53
.m:Missing	1123
.p:Proxy	715
.r:Refuse	3

1.never	66403
2.less than once a year	2081
3.a few times a year	1360
4.a few times a month	781
5.at least once a week	509
6.almost everyday	380

Value-----	S1NOTSMRT
.d:DK	26
.m:Missing	581
.p:Proxy	289
.u:Unmar	16594
.v:SP NR	6662
1.never	45884
2.less than once a year	1382
3.a few times a year	896
4.a few times a month	510
5.at least once a week	344
6.almost everyday	240

Value-----	R1HARASS
.d:DK	39
.m:Missing	1123
.p:Proxy	715
.r:Refuse	2
1.never	67565
2.less than once a year	1694
3.a few times a year	1115
4.a few times a month	612
5.at least once a week	316
6.almost everyday	227

Value-----	S1HARASS
.d:DK	20
.m:Missing	581
.p:Proxy	289
.u:Unmar	16594
.v:SP NR	6662
1.never	46594
2.less than once a year	1152
3.a few times a year	768
4.a few times a month	409
5.at least once a week	205
6.almost everyday	134

Value-----	R1PRTRMT
.d:DK	48
.m:Missing	1123
.p:Proxy	715
.r:Refuse	2
1.never	67582
2.less than once a year	1795
3.a few times a year	1082
4.a few times a month	620
5.at least once a week	289
6.almost everyday	152

Value-----	S1PRTRMT
.d:DK	23
.m:Missing	581
.p:Proxy	289
.u:Unmar	16594
.v:SP NR	6662
1.never	46582
2.less than once a year	1199
3.a few times a year	738
4.a few times a month	434
5.at least once a week	204
6.almost everyday	102

Value-----	R1ACTAFD
------------	----------

.d:DK		50
.m:Missing		1123
.p:Proxy		715
.r:Refuse		2
1.never		67878
2.less than once a year		1326
3.a few times a year		958
4.a few times a month		665
5.at least once a week		383
6.almost everyday		308

Value-----		S1ACTAFD
.d:DK		24
.m:Missing		581
.p:Proxy		289
.u:Unmar		16594
.v:SP NR		6662
1.never		46758
2.less than once a year		912
3.a few times a year		663
4.a few times a month		454
5.at least once a week		261
6.almost everyday		210

How Constructed

RwLSRSPCT indicates how often the respondent is treated with less courtesy or respect than other people in day-to-day life.

RwPRSRVC indicates how often the respondent receives poorer service than other people at restaurants or stores in day-to-day life.

RwNOTSMRT indicates how often the respondent feels other people act as if they think the respondent is not smart in day-to-day life.

RwHARASS indicates how often the respondent feels they were threatened or harassed in day-to-day life.

RwPRTRMT indicates how often the respondent receives poorer service or treatment than other people from doctors or hospitals in day-to-day life.

RwACTAFD indicates how often the respondent feels people act as if they are afraid of the respondent in day-to-day life.

RwLSRSPCT, RwPRSRVC, RwNOTSMRT, RwHARASS, RwPRTRMT, and RwACTAFD are coded as follows: 1.never, 2.less than once a year, 3.a few times a year, 4.a few times a month, 5.at least once a week, or 6.almost everyday. RwLSRSPCT, RwPRSRVC, RwNOTSMRT, RwHARASS, RwPRTRMT, and RwACTAFD variables are assigned special missing .p if these questions were skipped because the interview was by proxy. Don't know, refused, or other missing responses are assigned .d, .r, or .m, respectively. These variables are set to plain missing (.) if the respondent did not participate in the current wave.

SwLSRSPCT, SwPRSRVC, SwNOTSMRT, SwHARASS, SwPRTRMT, and SwACTAFD indicate the respondent's current wave's spouse's level of agreement with statements about daily life discrimination, and their values are taken from the spouse's values to RwLSRSPCT, RwPRSRVC, RwNOTSMRT, RwHARASS, RwPRTRMT, and RwACTAFD, respectively. In addition to the special missing codes used in the respondent variables, the spouse variables 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.

RwDSCRIM indicates the mean of the six different day-to-day life discrimination questions (RwLSRSPCT, RwPRSRVC, RwNOTSMRT, RwHARASS, RwPRTRMT, and RwACTAFD) and can be used as a summary score. Since RwDSCRIM indicates day-to-day life discrimination, we coded the values of RwLSRSPCT, RwPRSRVC, RwNOTSMRT, RwHARASS, RwPRTRMT, and RwACTAFD to make sure that higher scores indicate more discrimination that the respondent feels. RwDSCRIM is calculated for any respondent with at least one non-missing value for its six components. Special missing .p is assigned if these questions were skipped because the interview was by proxy. Special missing .m is assigned if the respondent's responses for all six questions are missing.

RwDSCRIM is assigned plain missing (.) if the respondent did not participate in the current wave. RwDSCRIMM counts the number of components with missing values in RwDSCRIM, which could be between no missing components (0) and six missing components (6).

SwDSCRIM and SwDSCRIMM indicate the mean summary score of six different day-to-day life discrimination questions and the count of any missing components for this score for the respondent's current wave's spouse, and their values are taken from the spouse's values to RwDSCRIM and RwDSCRIMM, respectively. In addition to the special missing codes used in RwDSCRIM and RwDSCRIMM, SwDSCRIM and SwDSCRIMM 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The question about how often the respondent feels other people act as if they are afraid of the respondent in day-to-day life was added in wave 9 of the HRS. As a result, the 6-item discrimination summary mean score is only available in the Harmonized HRS starting in wave 9. The five other day-to-day life discrimination questions were asked starting in wave 8 of the HRS.

LASI Variables Used

Wave 1 Core:

FS521	Treated with less courtesy
FS522	Receive poorer service than other people at rest
FS523	People act as if they think you are not smart
FS524	People act as if they are afraid
FS525	Threatened or harassed
FS526	Receive poorer service or treatment than other p

Reasons for Everyday Discrimination
--

Wave	Variable	Label	Type
1	R1DCAGE	r1dcage:w1 r discrimination reason:age	Categ
1	S1DCAGE	s1dcage:w1 s discrimination reason:age	Categ
1	R1DCGENDR	r1dcbgendr:w1 r discrimination reason:gender	Categ
1	S1DCGENDR	s1dcbgendr:w1 s discrimination reason:gender	Categ
1	R1DCRLGON	r1dcrlgon:w1 r discrimination reason:religion	Categ
1	S1DCRLGON	s1dcrlgon:w1 s discrimination reason:religion	Categ
1	R1DCCASTE	r1dccaste:w1 r discrimination reason:caste	Categ
1	S1DCCASTE	s1dccaste:w1 s discrimination reason:caste	Categ
1	R1DCWEGT	r1dcwegt:w1 r discrimination reason:weight	Categ
1	S1DCWEGT	s1dcwegt:w1 s discrimination reason:weight	Categ
1	R1DCDSTAT	r1dcdstat:w1 r discrimination reason:physical activity	Categ
1	S1DCDSTAT	s1dcdstat:w1 s discrimination reason:physical activity	Categ
1	R1DCAPRNC	r1dcaprnc:w1 r discrimination reason:physical appearance	Categ
1	S1DCAPRNC	s1dcaprnc:w1 s discrimination reason:physical appearance	Categ
1	R1DCFINAN	r1dcfinan:w1 r discrimination reason:financial status	Categ
1	S1DCFINAN	s1dcfinan:w1 s discrimination reason:financial status	Categ
1	R1DCOTHER	r1dcother:w1 r discrimination reason:other	Categ
1	S1DCOTHER	s1dcother:w1 s discrimination reason:other	Categ
1	R1DCREAS_L	r1dcreas_l:w1 r number reasons for discrimination	Cont
1	S1DCREAS_L	s1dcreas_l:w1 s number reasons for discrimination	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DCAGE	10432	0.51	0.50	0.00	1.00
S1DCAGE	6950	0.47	0.50	0.00	1.00
R1DCGENDR	10432	0.09	0.28	0.00	1.00
S1DCGENDR	6950	0.09	0.28	0.00	1.00
R1DCRLGON	10432	0.05	0.21	0.00	1.00
S1DCRLGON	6950	0.05	0.22	0.00	1.00
R1DCCASTE	10432	0.11	0.31	0.00	1.00

S1DCCASTE	6950	0.12	0.32	0.00	1.00
R1DCWEGT	10432	0.02	0.12	0.00	1.00
S1DCWEGT	6950	0.02	0.13	0.00	1.00
R1DCDSTAT	10432	0.04	0.20	0.00	1.00
S1DCDSTAT	6950	0.04	0.19	0.00	1.00
R1DCAPRNC	10432	0.06	0.23	0.00	1.00
S1DCAPRNC	6950	0.06	0.23	0.00	1.00
R1DCFINAN	10432	0.40	0.49	0.00	1.00
S1DCFINAN	6950	0.41	0.49	0.00	1.00
R1DCOTHER	10409	0.06	0.25	0.00	1.00
S1DCOTHER	6932	0.07	0.26	0.00	1.00
R1DCREAS_L	11791	1.18	0.74	0.00	7.00
S1DCREAS_L	7680	1.19	0.72	0.00	6.00

Categorical Variable Codes

Value-----	R1DCAGE
.d:DK	178
.m:Missing	1177
.n:no discrimination	60901
.p:proxy	715
.r:Refuse	5
0.no	5117
1.yes	5315

Value-----	S1DCAGE
.d:DK	122
.m:Missing	605
.n:no discrimination	42182
.p:proxy	289
.r:Refuse	4
.u:Unmar	16594
.v:SP NR	6662
0.no	3685
1.yes	3265

Value-----	R1DCGENDR
.d:DK	178
.m:Missing	1177
.n:no discrimination	60901
.p:proxy	715
.r:Refuse	5
0.no	9530
1.yes	902

Value-----	S1DCGENDR
.d:DK	122
.m:Missing	605
.n:no discrimination	42182
.p:proxy	289
.r:Refuse	4
.u:Unmar	16594
.v:SP NR	6662

0.no		6345
1.yes		605

Value-----		R1DCRLGON
.d:DK		178
.m:Missing		1177
.n:no discrimination		60901
.p:proxy		715
.r:Refuse		5
0.no		9949
1.yes		483

Value-----		S1DCRLGON
.d:DK		122
.m:Missing		605
.n:no discrimination		42182
.p:proxy		289
.r:Refuse		4
.u:Unmar		16594
.v:SP NR		6662
0.no		6612
1.yes		338

Value-----		R1DCCASTE
.d:DK		178
.m:Missing		1177
.n:no discrimination		60901
.p:proxy		715
.r:Refuse		5
0.no		9326
1.yes		1106

Value-----		S1DCCASTE
.d:DK		122
.m:Missing		605
.n:no discrimination		42182
.p:proxy		289
.r:Refuse		4
.u:Unmar		16594
.v:SP NR		6662
0.no		6145
1.yes		805

Value-----		R1DCWEGT
.d:DK		178
.m:Missing		1177
.n:no discrimination		60901
.p:proxy		715
.r:Refuse		5
0.no		10267
1.yes		165

Value-----		S1DCWEGT
.d:DK		122
.m:Missing		605
.n:no discrimination		42182
.p:proxy		289
.r:Refuse		4
.u:Unmar		16594
.v:SP NR		6662
0.no		6833
1.yes		117

Value-----		R1DCDSTAT
.d:DK		178
.m:Missing		1177
.n:no discrimination		60901
.p:proxy		715
.r:Refuse		5
0.no		9979
1.yes		453

Value-----	S1DCDSTAT
.d:DK	122
.m:Missing	605
.n:no discrimination	42182
.p:proxy	289
.r:Refuse	4
.u:Unmar	16594
.v:SP NR	6662
0.no	6676
1.yes	274

Value-----	R1DCAPRNC
.d:DK	178
.m:Missing	1177
.n:no discrimination	60901
.p:proxy	715
.r:Refuse	5
0.no	9825
1.yes	607

Value-----	S1DCAPRNC
.d:DK	122
.m:Missing	605
.n:no discrimination	42182
.p:proxy	289
.r:Refuse	4
.u:Unmar	16594
.v:SP NR	6662
0.no	6561
1.yes	389

Value-----	R1DCFINAN
.d:DK	178
.m:Missing	1177
.n:no discrimination	60901
.p:proxy	715
.r:Refuse	5
0.no	6258
1.yes	4174

Value-----	S1DCFINAN
.d:DK	122
.m:Missing	605
.n:no discrimination	42182
.p:proxy	289
.r:Refuse	4
.u:Unmar	16594
.v:SP NR	6662
0.no	4121
1.yes	2829

Value-----	R1DCOTHER
.d:DK	178
.m:Missing	1200
.n:no discrimination	60901
.p:proxy	715
.r:Refuse	5
0.no	9741
1.yes	668

Value-----	S1DCOTHER
.d:DK	122
.m:Missing	623
.n:no discrimination	42182
.p:proxy	289
.r:Refuse	4
.u:Unmar	16594
.v:SP NR	6662
0.no	6436
1.yes	496

How Constructed

If a respondent reported they experienced any type of discrimination ever happening in their day-to-day life. They were asked what they thought were the reasons for those experiences having happened to them and were presented with a list of 9 reasons including an other category. They respondents were allowed to choose multiple reasons.

RwDCAGE indicates whether the respondent thinks their age is the reason for their experience of discrimination.

RwDCGENDR indicates whether the respondent thinks their gender is the reason for their experience of discrimination.

RwDCRLGON indicates whether the respondent thinks their religion is the reason for their experience of discrimination.

RwDCCASTE indicates whether the respondent thinks their caste is the reason for their experience of discrimination.

RwDCWEGT indicates whether the respondent thinks their weight is the reason for their experience of discrimination.

RwDCDSTAT indicates whether the respondent thinks their physical disability is the reason for their experience of discrimination.

RwDCAPRNC indicates whether the respondent thinks an aspect of their physical appearance is the reason for their experience of discrimination.

RwDCFINAN indicates whether the respondent thinks their financial status is the reason for their experience of discrimination.

RwDCOTHER indicates whether the respondent thinks there are some other reasons other than what has been mentioned for their experience of discrimination.

A code of 1 is assigned if the respondent agreed with the statement. A code of 0 is assigned if the respondent disagreed with the statement. Special missing .p is assigned if these questions were skipped because the interview was by proxy. Special missing .n is assigned if the respondent did not report any discrimination. Don't know, refused, or other missing responses to these variables are assigned special missing .d, .r, or .m, respectively. These variables are assigned plain missing (.) if the respondent did not participate in the current wave.

SwDCAGE, SwDCGENDR, SwDCRLGON, SwDCCASTE, SwDCWEGT, SwDCDSTAT, SwDCAPRNC, SwDCFINAN, and SwDCOTHER indicate whether the respondent's current wave's spouse agreed with statements about the reason for discrimination, and their values are taken from the spouse's values to RwDCAGE, RwDCGENDR, RwDCRLGON, RwDCCASTE, RwDCWEGT, RwDCDSTAT, RwDCAPRNC, RwDCFINAN, and RwDCOTHER, respectively. In addition to the special missing codes used in the respondent variables, the spouse variables 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.

RwDCREAS_L counts how many different reasons for their discrimination that the respondent chooses from a list: age, gender, religion, caste, physical disability, an aspect of physical appearance, financial status, or other. Special missing .p is assigned if these questions were skipped because the interview was by proxy. Special missing .n is assigned if the respondent did not report any discrimination. These variables are assigned plain missing (.) if the respondent did not participate in the current wave.

SwDCREAS_L indicates the count of reasons for discrimination for the respondent's current wave's spouse, and its value is taken from the spouse's values to RwDCREAS_L. In addition to the special missing codes used in RwDCREAS_L, SwDCREAS_L 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, the LASI does not include ancestry or national origin, race, or sexual orientation in the list of reasons for discrimination, presented as RwdCORIGN, RwdCRACE, and RwdCSXORI in the Harmonized HRS, respectively.

LASI Variables Used

Wave 1 Core:	
FS527S1	What R think about reasons why these experiences
FS527S2	What R think about reasons why these experiences
FS527S3	What R think about reasons why these experiences
FS527S4	What R think about reasons why these experiences
FS527S5	What R think about reasons why these experiences
FS527S6	What R think about reasons why these experiences
FS527S7	What R think about reasons why these experiences
FS527S8	What R think about reasons why these experiences
FS527S9	What R think about reasons why these experiences

Section N: Housing and Environment

Separate Bedrooms

Wave	Variable	Label	Type
1	HH1BEDSEP	hh1bedsep:w1 whether hh has separate bedroom(s)	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1BEDSEP	72016	0.83	0.37	0.00	1.00

Categorical Variable Codes

Value-----	HH1BEDSEP
.d:DK	4
.m:Missing	1385
.r:Refuse	3
0.no	11948
1.yes	60068

How Constructed

HHwBEDSEP indicates whether a household has a separate bedroom. HHwBEDSEP is coded as 1 if the housing respondent reports more than one room in their home, excluding bathrooms, balconies, passages, and kitchens, and one or more of their rooms is a bedroom. HHwBEDSEP is coded as 0 if the housing respondent reports one room in their home, or if the housing respondent reports more than one room but zero bedrooms. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the household did not participate in the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

This variable is not available in the RAND HRS or Harmonized HRS because this question is not asked in the HRS.

LASI Variables Used

Wave 1 HH:	
HE001	total rooms in house
HE002	number of bedrooms in house

Improved Sanitation

Wave	Variable	Label	Type
1	HH1SANITAT	hhlsanitat:w1 whether hh has improved sanitation	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1SANITAT	71991	0.73	0.45	0.00	1.00

Categorical Variable Codes

Value	HH1SANITAT
.d:DK	26
.m:Missing	1391
0.no	19625
1.yes	52366

How Constructed

HHwSANITAT indicates whether a household has improved sanitation. Housing respondents are asked what type of toilet facility is used in their household. If the housing respondent reports a flush or pour flush toilet, respondents are asked to specify whether the toilet flushes to a piped sewer system, septic tank, pit latrine, or somewhere else. The housing respondent is also asked whether they share their toilet facility with other households.

HHwSANITAT is coded as 1, indicating they have improved sanitation, if the housing respondent reports a flush or pour flush toilet that flushes to a piped sewer system, flushes to a septic tank, or flushes to pit latrine, or if the housing respondent reports a twin pit/composting toilet or pit latrine, and the housing respondent reports that the household does not share their toilet facility with any other households. HHwSANITAT is coded as 0 if the housing respondent reports a flush or pour flush toilet that flushes to somewhere besides a piped sewer system, septic tank, or pit latrine; if the household reports the use of other or no facility, use open space or field; or if the household shares their toilet facility with any other households, regardless of the type of toilet facility. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the household did not participate in the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

This variable is not available in the RAND HRS or Harmonized HRS because this question is not asked in the HRS.

LASI Variables Used

Wave 1 HH:	
HE004	type of toilet facility
HE004A	toilet flushed to
HE005	sharing of toilet facility

Improved Drinking Water Source

Wave	Variable	Label	Type
1	HH1DRKSRC	hh1drksrc:w1 whether hh has improved drinking water source	Categ
1	HH1WATERHM	hhlwaterhm:w1 whether hh has facility inside dwelling/own ya	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1DRKSRC	72018	0.93	0.25	0.00	1.00
HH1WATERHM	71994	0.70	0.46	0.00	1.00

Categorical Variable Codes

Value-----	HH1DRKSRC
.d:DK	4
.m:Missing	1384
.r:Refuse	2
0.no	4765
1.yes	67253
Value-----	HH1WATERHM
.d:DK	28
.m:Missing	1384
.r:Refuse	2
0.no	21834
1.yes	50160

How Constructed

HHwDRKSRC indicates whether a household has an improved drinking water source. HHwDRKSRC is coded as 1 if the housing respondent reports their main source of drinking water is piped water, public tap/standpipe, tube well or bore well, dug well, spring water, or rain water. HHwDRKSRC is coded as 0 if the housing respondent reports their main source of drinking water is a tanker, cart with a small tank, surface water, bottled water/pouch water, or other. Don’t know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the household did not participate in the current wave.

HHwWATERHM indicates whether a household has a water facility inside their dwelling or their own yard. Housing respondents are asked what their main source of drinking water is for their household. If the household’s main source of drinking water is not rainwater or bottled water/pouch water, households are asked where this water source is located. HHwWATERHM is coded as 1 if the housing respondent reports their main source of drinking water is in their own dwelling or in their own yard/plot and their main source of water is piped water, public tap/standpipe, tube well or bore well, dug well, spring water, tanker, cart with small tank, surface water, or another source. HHwWATERHM is coded as 0 if the housing respondent reports their water source is outside dwelling or the housing respondent reports their main source of drinking water is bottled water/pouch water or rain water. Don’t know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the household did not participate in the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

These variables are not available in the RAND HRS or Harmonized HRS because these questions are not asked in the HRS.

LASI Variables Used

Wave 1 HH:	
HE006	main source of drinking water
HE007	location of water source

Electricity

Wave	Variable	Label	Type
1	HH1ELECTR	hh1electr:w1 whether hh has electricity	Categ
1	HH1ELECTRHR	hh1electrhr:w1 hrs of electricity available (per day)	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1ELECTR	72022	0.94	0.23	0.00	1.00
HH1ELECTRHR	71977	18.36	7.25	0.00	24.00

Categorical Variable Codes

Value-----	HH1ELECTR
.m:Missing	1384
.r:Refuse	2
0.no	4204
1.yes	67818

How Constructed

HHwELECTR indicates whether a household has electricity. HHwELECTR is coded as 1 if the housing respondent reports their residence does have electricity. HHwELECTR is coded as 0 if the housing respondent reports their residence does not have electricity. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the household did not participate in the current wave.

HHwELECTRHR indicates the reported number of hours of electricity available per day. The hours of electricity can be reported by day or by week. Responses by week have been converted to the average amounts per day by dividing the original response by 7. HHwELECTRHR is coded as 0 if the housing respondent reports they do not have electricity. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the household did not participate in the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

These variables are not available in the RAND HRS or Harmonized HRS because these questions are not asked in the HRS.

LASI Variables Used

Wave 1 HH:	
HE013	hh has electricity
HE013A	number of hours hh receive electricity
HE013A_UNIT_0	electricity supply - units

Indoor Pollution

Wave	Variable	Label	Type
1	HH1CLNCOOK	hh1clncook:w1 whether hh using clean cooking fuel	Categ
1	HH1INDRPLLTN	hh1indrplltn:w1 whether hh exposed to indoor pollution	Categ
1	HH1INCENSE	hh1incense:w1 whether hh use incense/mosquito coil/fast card	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1CLNCOOK	72016	0.54	0.50	0.00	1.00
HH1INDRPLLTN	72018	0.89	0.32	0.00	1.00
HH1INCENSE	72018	0.78	0.42	0.00	1.00

Categorical Variable Codes

Value-----	HH1CLNCOOK
.d:DK	6
.m:Missing	1384
.r:Refuse	2
0.no	32816
1.yes	39200
Value-----	HH1INDRPLLTN
.m:Missing	1388
.r:Refuse	2
0.no	8273
1.yes	63745
Value-----	HH1INCENSE
.d:DK	2
.m:Missing	1388
0.no	16147
1.yes	55871

How Constructed

HHwCLNCOOK indicates whether a household uses clean cooking fuel. HHwCLNCOOK is coded as 1, indicating clean cooking fuel, if the housing respondent reports their main source of cooking fuel is liquefied petroleum gas (LPG), biogas, or electric. HHwCLNCOOK is coded as 0 if the housing respondent reports their main source of cooking fuel is kerosene, charcoal/lignite/coal, crop residue, wood/shrub, dung cake, does not cook at home, or other. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the household did not participate in the current wave.

HHwINDRPLLTN indicates whether a household is exposed to indoor pollution. Indoor pollutants include incense sticks (agarbatti), mosquito coils, liquid vaporizers/mosquito repellents/mats, or fast cards/sticks/cakes, or if the housing respondent reports a usual member of their household smokes inside their home. HHwINDRPLLTN is coded as 1, indicating exposure to indoor pollution, if the housing respondent reports that a usual member of the household smokes inside the home, or if it is reported that they use at least one of the named indoor pollutants every day, 3-4 times a week, 1-2 times a week, 1-2 times a month, or rarely in a year. HHwINDRPLLTN is coded as 0 if the housing respondent reports they don't use any indoor pollutants or no usual member of the household smokes inside the home. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the household did not participate in the current wave.

HHwINCENSE indicates whether a household uses incense sticks, mosquito coils, or fast cards inside the house. HHwINCENSE is coded as 1 if the housing respondent reports having used incense sticks, mosquito coils, or fast cards inside the house every day, 3-4 times a week, 1-2 times a week, or 1-2 times a month. HHwINCENSE is coded as 0 if the housing respondent reports they don't use these items or use them rarely in a year. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. Responses are set to plain missing (.) if the household did not participate in the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

These variables are not available in the RAND HRS or Harmonized HRS because these questions are not asked in the HRS.

LASI Variables Used

Wave 1 HH:	
HE014	main source of cooking fuel
HE018	hh member smoke inside home
HE019A	use of incense sticks (agarbatti)
HE019B	use of mosquito coil
HE019C	use of liquid vaporizer/mosquito repellent/mats
HE019D	use of fast card/stick/cake

Pucca House

Wave	Variable	Label	Type
1	HH1PUCCA	hh1pucca:w1 whether hh has pucca house	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HH1PUCCA	71887	0.54	0.50	0.00	1.00

Categorical Variable Codes

Value	HH1PUCCA
.m:Missing	1521
0.no	32926
1.yes	38961

How Constructed

HHwPUCCA indicates whether the type of house is pucca (permanent material). HHwPUCCA is coded as 1 if the interviewer reports the home is pucca, meaning that the roof, wall and floor are all 3 made up of pucca material. HHwPUCCA is coded as 0 if the interviewer reports the home is semi-pucca (combination of temporary and permanent material) or kutcha (temporary material). Pucca is defined to include cement, concrete, oven-burnt bricks, hollow cement or ash bricks, stone, stone blocks, jackboards (cement plastered reeds), iron, zinc or other metal sheets, timber, tiles, slate, corrugated iron, asbestos cement sheet, veneer, plywood, artificial wood of synthetic material and polyvinyl chloride (PVC) material. Kutcha is defined to include grass, thatch, palm leaf, bamboo, plastic, polythene sheeting, mud, dung, palm, un-burnt brick, wood, or handmade tiles. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, .m, respectively. Responses are set to plain missing (.) if the household did not participate in the current wave.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

This variable is not available in the RAND HRS or Harmonized HRS because this question is not asked in the HRS.

LASI Variables Used

Wave 1 HH:	
HE024	type of house

Section Q: Psychosocial

Depressive Symptoms: CES-D Scale

Wave	Variable	Label	Type
1	R1MINDTSL	rlmindtsl:w1 r CESD: had trouble concentrating	Categ
1	S1MINDTSL	slmindtsl:w1 s CESD: had trouble concentrating	Categ
1	R1DEPRESL	rldepresl:w1 r CESD: felt depressed	Categ
1	S1DEPRESL	sldepresl:w1 s CESD: felt depressed	Categ
1	R1EFFORTL	rl effortl:w1 r CESD: everything an effort	Categ
1	S1EFFORTL	s1 effortl:w1 s CESD: everything an effort	Categ
1	R1FTIREDL	rlftiredl:w1 r CESD: felt tired or low energy	Categ
1	S1FTIREDL	slftiredl:w1 s CESD: felt tired or low energy	Categ
1	R1WHAPPYL	rlwhappyl:w1 r CESD: was happy	Categ
1	S1WHAPPYL	slwhappyl:w1 s CESD: was happy	Categ
1	R1FLONEL	rlflonel:w1 r CESD: felt lonely	Categ
1	S1FLONEL	slflonel:w1 s CESD: felt lonely	Categ
1	R1FSATISL	rlfsatisl:w1 r CESD: felt overall satisfied	Categ
1	S1FSATISL	slfsatisl:w1 s CESD: felt overall satisfied	Categ
1	R1FEARFLL	rlfearfll:w1 r CESD: felt afraid of something	Categ
1	S1FEARFLL	slfearfll:w1 s CESD: felt afraid of something	Categ
1	R1FHOPEL	rlfhopel:w1 r CESD: felt hopeful about the future	Categ
1	S1FHOPEL	slfhopel:w1 s CESD: felt hopeful about the future	Categ
1	R1BOTHERL	rlbotherl:w1 r CESD: bothered by little things	Categ
1	S1BOTHERL	slbotherl:w1 s CESD: bothered by little things	Categ
1	R1CESD10	rlcesd10:w1 r CESD 10 score (0-30)	Cont
1	S1CESD10	slcesd10:w1 s CESD 10 score (0-30)	Cont
1	R1CESD10M	rlcesd10m:w1 r missings in CESD 10 score	Cont
1	S1CESD10M	slcesd10m:w1 s missings in CESD 10 score	Cont
1	R1CESD10_L	rlcesd10_l:w1 r CESD 10 score(0-10), dichotomous scale	Cont
1	S1CESD10_L	slcesd10_l:w1 s CESD 10 score(0-10), dichotomous scale	Cont
1	R1CESD10M_L	rlcesd10m_l:w1 r missings in CESD 10 score, dichotomous scal	Cont
1	S1CESD10M_L	slcesd10m_l:w1 s missings in CESD 10 score, dichotomous scal	Cont
1	R1CESD10DEP	rlcesd10dep:w1 r CESD presence of depressive symptoms (4+ sy	Categ

1 S1CESD10DEP s1cesd10dep:w1 s CESD presence of depressive symptoms (4+ sy Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1MINDTSL	71512	1.52	0.78	1.00	4.00
S1MINDTSL	49248	1.50	0.76	1.00	4.00
R1DEPRESL	71513	1.55	0.78	1.00	4.00
S1DEPRESL	49249	1.52	0.76	1.00	4.00
R1EFFORTL	71508	1.76	0.92	1.00	4.00
S1EFFORTL	49246	1.76	0.92	1.00	4.00
R1FTIREDL	71514	1.84	0.88	1.00	4.00
S1FTIREDL	49249	1.81	0.86	1.00	4.00
R1WHAPPYL	71511	2.50	0.99	1.00	4.00
S1WHAPPYL	49247	2.53	0.98	1.00	4.00
R1FLONEL	71513	1.49	0.80	1.00	4.00
S1FLONEL	49249	1.41	0.73	1.00	4.00
R1FSATISL	71512	2.02	0.98	1.00	4.00
S1FSATISL	49249	2.03	0.98	1.00	4.00
R1FEARFLL	71513	1.38	0.72	1.00	4.00
S1FEARFLL	49249	1.37	0.72	1.00	4.00
R1FHOPEL	71509	2.14	1.01	1.00	4.00
S1FHOPEL	49247	2.15	1.01	1.00	4.00
R1BOTHERL	71509	1.63	0.84	1.00	4.00
S1BOTHERL	49248	1.61	0.82	1.00	4.00
R1CESD10	71515	9.51	4.04	0.00	30.00
S1CESD10	49249	9.26	3.95	0.00	30.00
R1CESD10M	72693	0.16	1.26	0.00	10.00
S1CESD10M	49863	0.12	1.10	0.00	10.00
R1CESD10_L	71515	2.85	1.68	0.00	10.00
S1CESD10_L	49249	2.76	1.63	0.00	10.00
R1CESD10M_L	72693	0.16	1.26	0.00	10.00
S1CESD10M_L	49863	0.12	1.10	0.00	10.00

R1CESD10DEP	71515	0.25	0.43	0.00	1.00
S1CESD10DEP	49249	0.23	0.42	0.00	1.00

Categorical Variable Codes

Value-----	R1MINDTSL
.d:DK	30
.m:Missing	1141
.p:proxy	715
.r:Refuse	10
1.Rarely or never (< 1 day)	44752
2.Sometimes (1-2 days)	18432
3.Often (3-4 days)	5999
4.Most or all of the time (5-7 days)	2329

Value-----	S1MINDTSL
.d:DK	15
.m:Missing	595
.p:proxy	289
.r:Refuse	5
.u:Unmar	16594
.v:SP NR	6662
1.Rarely or never (< 1 day)	31425
2.Sometimes (1-2 days)	12510
3.Often (3-4 days)	3866
4.Most or all of the time (5-7 days)	1447

Value-----	R1DEPRESL
.d:DK	29
.m:Missing	1141
.p:proxy	715
.r:Refuse	10
1.Rarely or never (< 1 day)	43502
2.Sometimes (1-2 days)	19196
3.Often (3-4 days)	6660
4.Most or all of the time (5-7 days)	2155

Value-----	S1DEPRESL
.d:DK	14
.m:Missing	595
.p:proxy	289
.r:Refuse	5
.u:Unmar	16594
.v:SP NR	6662
1.Rarely or never (< 1 day)	30742
2.Sometimes (1-2 days)	12917
3.Often (3-4 days)	4267
4.Most or all of the time (5-7 days)	1323

Value-----	R1EFFORTL
.d:DK	33
.m:Missing	1141
.p:proxy	715
.r:Refuse	11
1.Rarely or never (< 1 day)	36891
2.Sometimes (1-2 days)	19397
3.Often (3-4 days)	10873
4.Most or all of the time (5-7 days)	4347

Value-----	S1EFFORTL
.d:DK	17
.m:Missing	595
.p:proxy	289
.r:Refuse	5
.u:Unmar	16594
.v:SP NR	6662
1.Rarely or never (< 1 day)	25317
2.Sometimes (1-2 days)	13383

3.Often (3-4 days)		7584
4.Most or all of the time (5-7 days)		2962

Value-----		R1FTIREDL
.d:DK		28
.m:Missing		1141
.p:proxy		715
.r:Refuse		10
1.Rarely or never (< 1 day)		30337
2.Sometimes (1-2 days)		25831
3.Often (3-4 days)		11540
4.Most or all of the time (5-7 days)		3806

Value-----		S1FTIREDL
.d:DK		14
.m:Missing		595
.p:proxy		289
.r:Refuse		5
.u:Unmar		16594
.v:SP NR		6662
1.Rarely or never (< 1 day)		21475
2.Sometimes (1-2 days)		17792
3.Often (3-4 days)		7708
4.Most or all of the time (5-7 days)		2274

Value-----		R1WHAPPYL
.d:DK		30
.m:Missing		1141
.p:proxy		715
.r:Refuse		11
1.Rarely or never (< 1 day)		13253
2.Sometimes (1-2 days)		21648
3.Often (3-4 days)		24000
4.Most or all of the time (5-7 days)		12610

Value-----		S1WHAPPYL
.d:DK		16
.m:Missing		595
.p:proxy		289
.r:Refuse		5
.u:Unmar		16594
.v:SP NR		6662
1.Rarely or never (< 1 day)		8711
2.Sometimes (1-2 days)		14568
3.Often (3-4 days)		16969
4.Most or all of the time (5-7 days)		8999

Value-----		R1FLONEL
.d:DK		29
.m:Missing		1141
.p:proxy		715
.r:Refuse		10
1.Rarely or never (< 1 day)		47761
2.Sometimes (1-2 days)		15279
3.Often (3-4 days)		5834
4.Most or all of the time (5-7 days)		2639

Value-----		S1FLONEL
.d:DK		14
.m:Missing		595
.p:proxy		289
.r:Refuse		5
.u:Unmar		16594
.v:SP NR		6662
1.Rarely or never (< 1 day)		34976
2.Sometimes (1-2 days)		9617
3.Often (3-4 days)		3363
4.Most or all of the time (5-7 days)		1293

Value-----		R1FSATISL
.d:DK		30

.m:Missing		1141
.p:proxy		715
.r:Refuse		10
1.Rarely or never (< 1 day)		27469
2.Sometimes (1-2 days)		21701
3.Often (3-4 days)		15917
4.Most or all of the time (5-7 days)		6425

Value-----		S1FSATISL
.d:DK		14
.m:Missing		595
.p:proxy		289
.r:Refuse		5
.u:Unmar		16594
.v:SP NR		6662
1.Rarely or never (< 1 day)		18791
2.Sometimes (1-2 days)		14873
3.Often (3-4 days)		11134
4.Most or all of the time (5-7 days)		4451

Value-----		R1FEARFLL
.d:DK		29
.m:Missing		1141
.p:proxy		715
.r:Refuse		10
1.Rarely or never (< 1 day)		52803
2.Sometimes (1-2 days)		12110
3.Often (3-4 days)		4721
4.Most or all of the time (5-7 days)		1879

Value-----		S1FEARFLL
.d:DK		14
.m:Missing		595
.p:proxy		289
.r:Refuse		5
.u:Unmar		16594
.v:SP NR		6662
1.Rarely or never (< 1 day)		36816
2.Sometimes (1-2 days)		8040
3.Often (3-4 days)		3152
4.Most or all of the time (5-7 days)		1241

Value-----		R1FHOPEL
.d:DK		32
.m:Missing		1141
.p:proxy		715
.r:Refuse		11
1.Rarely or never (< 1 day)		23988
2.Sometimes (1-2 days)		21774
3.Often (3-4 days)		17795
4.Most or all of the time (5-7 days)		7952

Value-----		S1FHOPEL
.d:DK		16
.m:Missing		595
.p:proxy		289
.r:Refuse		5
.u:Unmar		16594
.v:SP NR		6662
1.Rarely or never (< 1 day)		16234
2.Sometimes (1-2 days)		14944
3.Often (3-4 days)		12474
4.Most or all of the time (5-7 days)		5595

Value-----		R1BOTHERL
.d:DK		33
.m:Missing		1141
.p:proxy		715
.r:Refuse		10
1.Rarely or never (< 1 day)		40466
2.Sometimes (1-2 days)		19997

3.Often (3-4 days)		8265
4.Most or all of the time (5-7 days)		2781

Value-----		S1BOTHERL
.d:DK		15
.m:Missing		595
.p:proxy		289
.r:Refuse		5
.u:Unmar		16594
.v:SP NR		6662
1.Rarely or never (< 1 day)		28237
2.Sometimes (1-2 days)		13809
3.Often (3-4 days)		5467
4.Most or all of the time (5-7 days)		1735

Value-----		RICESD10DEP
.d:DK		27
.m:Missing		1141
.p:Proxy		715
.r:Refuse		10
0.no		53621
1.yes		17894

Value-----		S1CESD10DEP
.d:DK		14
.m:Missing		595
.p:Proxy		289
.r:Refuse		5
.u:Unmar		16594
.v:SP NR		6662
0.no		37970
1.yes		11279

How Constructed

RwMINDTSL, RwDEPRESL, RweFFORTL, RwFTIREDL, RwWHAPPYL, RwFLONEL, RwFSATISL, RwFEARFLL, RwFHOPEL, and RwbOTHERL record the frequency of the respondent's particular feeling over the week prior to the interview. RwMINDTSL indicates how often the respondent had trouble concentrating. RwDEPRESL indicates how often the respondent was feeling depressed. RweFFORTL indicates how often the respondent was feeling that everything was an effort. RwFTIREDL indicates how often the respondent felt tired or low in energy. RwWHAPPYL indicates how often the respondent felt happy. RwFLONEL indicates how often the respondent felt alone. RwFSATISL indicates how often the respondent felt overall satisfied. RwFEARFLL indicates how often the respondent felt afraid of something. RwFHOPEL indicates how often the respondent felt hopeful about the future. RwbOTHERL indicates how often the respondent was bothered by things that don't usually bother them.

A code of 1 indicates that the respondent experienced the particular feeling rarely or never (less than one day). A code of 2 indicates the respondent experienced the particular feeling sometimes (1-2 days). A code of 3 indicates the respondent experienced the particular feeling often (3-4 days). A code of 4 indicates the respondent experienced the particular feeling most or all of the time (5-7 days). Don't know, refused, or other missing values of RwMINDTSL, RwDEPRESL, RweFFORTL, RwFTIREDL, RwWHAPPYL, RwFLONEL, RwFSATISL, RwFEARFLL, RwFHOPEL, and RwbOTHERL are assigned special missing codes .d, .r, or .m, respectively. These variables are set to special missing .p if the mental health questions were skipped because the interview was by proxy. These variables are set to plain missing (.) for respondents who did not respond to the current wave.

SwMINDTSL, SwDEPRESL, SweFFORTL, SwFTIREDL, SwWHAPPYL, SwFLONEL, SwFSATISL, SwFEARFLL, SwFHOPEL, and SwBOTHERL indicate how often the respondent's spouse reported the specified feelings, and are taken directly from the spouse's responses to RwMINDTSL, RwDEPRESL, RweFFORTL, RwFTIREDL, RwWHAPPYL, RwFLONEL, RwFSATISL, RwFEARFLL, RwFHOPEL, and RwbOTHERL, respectively. In addition to the special missing codes used in RwMINDTSL, RwDEPRESL, RweFFORTL, RwFTIREDL, RwWHAPPYL, RwFLONEL, RwFSATISL, RwFEARFLL, RwFHOPEL, and RwbOTHERL, SwMINDTSL, SwDEPRESL, SweFFORTL, SwFTIREDL, SwWHAPPYL, SwFLONEL, SwFSATISL, SwFEARFLL, SwFHOPEL, and SwBOTHERL 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.

RwCESD10 is the sum of the ten questions, after reverse coding RwwHAPPYL, RwfSATISL, and RwfHOPEL. Additionally, the scales for each of the ten questions were adjusted so that the anchors were 0 to 3, rather than 1 to 4. RwCESD10 ranges from 0 to 30 with higher scores indicating that the respondent felt more negative feelings during the past week. RwCESD10 is calculated as long as at least one of the comprising measures is not missing. RwCESD10M indicates how many individual measures used to derive RwCESD10 are missing. Don't know, refused, or other missing responses to all of the components of RwCESD10 are assigned special missing codes .d, .r, or .m, respectively. RwCESD10 and RwCESD10M are set to special missing .p if the mental health questions were skipped because the interview was by proxy. RwCESD10 and RwCESD10M are set to plain missing (.) for respondents who did not respond to the current wave.

SwCESD10 gives the respondent's spouse's CESD score using a likert scale, and its values are taken from RwCESD10. SwCESD10M indicates how many individual measures used to derive SwCESD10 are missing. In addition to the special missing codes employed by RwCESD10 and RwCESD10M, SwCESD10 and SwCESD10M employ two additional special missing codes. 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.

RwCESD10_L is the sum of the 10 questions, after adjusting the scales for each of the ten questions so that the resulting responses are dichotomous. For negative feelings, a score of 0 is assigned if the respondent responded with "rarely or never (less than one day)" and "sometimes (1-2 days)" and a score of 1 is assigned if the respondent's responses were "often (3-4 days)" and "most or all of the time (5-7 days)". For positive feelings (RwwHAPPYL, RwfSATISL, and RwfHOPEL), the scoring was reversed so that a score of 0 is assigned if the respondent responded with "often (3-4 days)" and "most or all of the time (5-7 days)" and a score of 1 is assigned if the respondent's responses were "rarely or never (less than one day)" and "sometimes (1-2 days)". RwCESD10_L ranges from 0 to 10 with higher scores indicating that the respondent felt more negative feelings during the past week. RwCESD10_L is calculated as long as at least one of the comprising measures is not missing. RwCESD10M_L indicates how many individual measures used to derive RwCESD10_L are missing. Don't know, refused, or other missing responses to all of the components of RwCESD10_L are assigned special missing codes .d, .r, or .m, respectively. RwCESD10_L and RwCESD10M_L are set to special missing .p if the mental health questions were skipped because the interview was by proxy. RwCESD10_L and RwCESD10M_L are set to plain missing (.) for respondents who did not respond to the current wave.

SwCESD10_L gives the respondent's spouse's CESD score, after adjusting the scales for each of the ten questions so that the resulting responses are dichotomous. Its values are taken from RwCESD10_L. SwCESD10M_L indicates how many individual measures used to derive SwCESD10_L are missing. In addition to the special missing codes employed by RwCESD10_L and RwCESD10M_L, SwCESD10_L and SwCESD10M_L employ two additional special missing codes. 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.

RwCESD10DEP indicates the presence of depressive symptoms, and is based on RwCESD10_L. RwCESD10DEP is assigned a value of 0 if the respondent's RwCESD10_L score ranges from 0 to 3, and assigned a value of 1 if the respondent's RwCESD10_L score ranges from 4 to 10. RwCESD10DEP is set to special missing .p if the mental health questions were skipped because the interview was by proxy. Don't know, refused, or other missing responses are assigned special missing codes .d, .r, or .m, respectively. RwCESD10DEP is set to plain missing (.) for respondents who did not respond to the current wave.

SwCESD10DEP indicates the presence of depressive symptoms in the respondent's spouse, and its values are taken from RwCESD10DEP. In addition to the special missing codes employed by RwCESD10DEP, SwCESD10DEP employs two additional special missing codes. 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Unlike the HRS, the LASI does not include questions asking respondents whether they felt sad, had

restless sleep, couldn't get going, or enjoyed life. Additional variables which are not included in the HRS and are included in the LASI include questions about trouble concentrating, feeling tired or low energy, bothered by things that don't usually bother them, feeling overall satisfied, feeling hopeful about the future, and feeling afraid of something. Starting in Wave 2 of the HRS, the CESD questions are asked on a binary scale, whereas the CESD questions asked in LASI are on a 4-point scale.

While the RAND HRS uses an 8-item version of the CESD scale, the LASI version of the CESD scale was validated with 10-items. Some of the components included in RwCESD10 and RwCESD10_L in Harmonized LASI are different than those included in RwCESD in the RAND HRS. Because of the difference in the number of questions used for the summary measure and the use of a 4-point scale for each question, RwCESD10 ranges from 0-30 unlike the RAND HRS RwCESD, which ranges from 0-8. While RwCESD10_L in the Harmonized LASI is based upon a binary scale, it ranges from 0-10 due to the difference in the number of questions used in the summary measure.

LASI Variables Used

Wave 1 Core:	
FS701	Trouble concentrating
FS702	Feel depressed
FS703	Feel tired or low in energy
FS704	Feel afraid of something
FS705	Feel overall satisfied
FS706	Feel alone
FS707	Bothered by things
FS708	Everything you did was an effort
FS709	Hopeful about the future
FS710	Feel happy
MH126	Proxy_receive assistance

Major Depressive Episode: CIDI-SF Scales

Wave	Variable	Label	Type
1	R1CIDIDEP	rlcididep:w1 r CIDI depression stem symptom score (0-7)	Cont
1	S1CIDIDEP	slcididep:w1 s CIDI depression stem symptom score (0-7)	Cont
1	R1CIDIDEPM	rlcididepm:w1 r CIDI depression stem symptom missings	Cont
1	S1CIDIDEPM	slcididepm:w1 s CIDI depression stem symptom missings	Cont
1	R1CIDIANH	rlcidianh:w1 r CIDI anhedonia stem symptom score (0-7)	Cont
1	S1CIDIANH	slcidianh:w1 s CIDI anhedonia stem symptom score (0-7)	Cont
1	R1CIDIANHM	rlcidianhm:w1 r CIDI anhedonia stem symptom missings	Cont
1	S1CIDIANHM	slcidianhm:w1 s CIDI anhedonia stem symptom missings	Cont
1	R1CIDISYMP	rlcidisyp:w1 r CIDI total symptom score	Cont
1	S1CIDISYMP	slcidisyp:w1 s CIDI total symptom score	Cont
1	R1CIDISYMPM	rlcidisypm:w1 r CIDI total symptom missings	Cont
1	S1CIDISYMPM	slcidisypm:w1 s CIDI total symptom missings	Cont
1	R1CIDIMDE3	rlcidimde3:w1 r CIDI probable major depressive episode (3+ s	Categ
1	S1CIDIMDE3	slcidimde3:w1 s CIDI probable major depressive episode (3+ s	Categ
1	R1CIDIMDE5	rlcidimde5:w1 r CIDI probable major depressive episode (5+ s	Categ
1	S1CIDIMDE5	slcidimde5:w1 s CIDI probable major depressive episode (5+ s	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1CIDIDEP	4759	5.31	1.72	0.00	7.00
S1CIDIDEP	2873	5.26	1.71	0.00	7.00
R1CIDIDEPM	4759	0.00	0.14	0.00	6.00
S1CIDIDEPM	2873	0.00	0.00	0.00	0.00
R1CIDIANH	742	4.75	1.82	1.00	7.00
S1CIDIANH	478	4.61	1.84	1.00	7.00
R1CIDIANHM	742	0.00	0.00	0.00	0.00
S1CIDIANHM	478	0.00	0.00	0.00	0.00
R1CIDISYMP	71994	0.40	1.48	0.00	7.00
S1CIDISYMP	49530	0.35	1.38	0.00	7.00
R1CIDISYMPM	72693	0.00	0.02	0.00	5.00

S1CIDISYMPM	49863	0.00	0.00	0.00	0.00
R1CIDIMDE3	71994	0.07	0.25	0.00	1.00
S1CIDIMDE3	49530	0.06	0.24	0.00	1.00
R1CIDIMDE5	71994	0.05	0.23	0.00	1.00
S1CIDIMDE5	49530	0.05	0.21	0.00	1.00

Categorical Variable Codes

Value-----	R1CIDIMDE3
.d:DK	50
.m:Missing	636
.p:Proxy	715
.r:Refuse	13
0.no	66997
1.yes	4997

Value-----	S1CIDIMDE3
.d:DK	24
.m:Missing	304
.p:Proxy	289
.r:Refuse	5
.u:Unmar	16594
.v:SP NR	6662
0.no	46495
1.yes	3035

Value-----	R1CIDIMDE5
.d:DK	50
.m:Missing	636
.p:Proxy	715
.r:Refuse	13
0.no	68072
1.yes	3922

Value-----	S1CIDIMDE5
.d:DK	24
.m:Missing	304
.p:Proxy	289
.r:Refuse	5
.u:Unmar	16594
.v:SP NR	6662
0.no	47209
1.yes	2321

How Constructed

The following variables in this section reference a series of questions that screen for major depressive episodes. The test consists of two sets of questions, one for measuring dysphoria (depressed mood) and another for anhedonia (the loss of interest in things that usually give them pleasure).

Respondents are first asked a set of screening questions for dysphoria: first, whether there was a time they felt sad, blue, or depressed for two weeks or more in a row in the past 12 months, and if so, whether these feelings lasted all day long, most of the day, about half the day, or less than half the day during the two-week period when these feelings were worst, and if most of the day or all day, then whether they felt this way every day, almost every day, or less often during those two weeks. If they answered that they didn't feel depressed for two weeks or more in a row, these feelings lasted about half the day or less than half the day, or if they felt this way less than almost every day, then they are not asked the questions on dysphoria and are asked to answer the next screening questions for anhedonia. Respondents who pass the screening for dysphoria are asked whether they have experienced the following 7 symptoms during those two weeks when they felt worst: lost interest in most things; felt more tired out or low in energy than is usual; change in appetite (either lost appetite or increased appetite, asked

separately); had more trouble falling asleep than usual, and reported this happening every night or nearly every night; had a lot more trouble concentrating than usual; felt down on themselves, and no good or worthless; and thought a lot about death, either their own, someone else's, or death in general.

RwCIDIDEP sums the score of the 7 questions that ask about having symptoms of dysphoria if they passed the screening questions for dysphoria, and ranges from 0 to 7. Each positive response adds one to the total, and RwCIDIDEP is calculated as long as at least one of the measures is not missing. RwCIDIDEP counts the number of components with missing responses. RwCIDIDEP and RwCIDIDEPM are assigned special missing .n if the dysphoria questions were not asked because the respondent did not pass the dysphoria screening. RwCIDIDEP and RwCIDIDEPM are assigned special missing .p if these questions were skipped because the interview was by proxy. Don't know, refused, or other missing responses to the components of RwCIDIDEP are assigned special missing codes .d, .r, or .m, respectively. RwCIDIDEP and RwCIDIDEPM are set to plain missing (.) for respondents who did not respond to the current wave.

Respondents who did not pass the dysphoria screening questions are then asked the anhedonia screening questions: first, whether there was a time they lost interest in most things like hobbies, work, or activities that usually give them pleasure for two weeks or more in the past 12 months, and if so, whether these feelings lasted all day long, most of the day, about half the day, or less than half the day during the two-week period when they had the most complete loss of interest in things, and if most of the day or all day, then whether they felt this way every day, almost every day, or less often during those two weeks. If they answered that they didn't lose interest for two weeks or more, these feelings lasted about half the day or less than half the day, or if they felt this way less than almost every day, then they are not asked the questions on anhedonia and no more questions in this series are asked. Respondents who pass the screening for anhedonia are asked whether they have experienced the following 6 symptoms during the two weeks when they had the most complete loss of interest in things: felt tired out or low on energy all the time; lost their appetite; had more trouble falling asleep than usual; had more trouble concentrating than usual; felt down on themselves, no good or worthless; and thought a lot about death, either their own, someone else's, or death in general.

RwCIDIANH sums the score of the 7 questions that ask about having symptoms of anhedonia if they passed the screening questions for anhedonia, and ranges from 0 to 7. The screening questions count as the first positive response if the respondent reported losing interest in most things and that these feelings lasted all day or most of the day, and felt like this every day or almost every day. Each positive response from the 6 following questions adds one to the total, and RwCIDIANH is calculated as long as at least one of the measures is not missing. RwCIDIANH counts the number of components with missing responses. RwCIDIANH and RwCIDIANHM are assigned special missing .n if the anhedonia questions were not asked because the respondent already completed the dysphoria screening or did not pass the anhedonia screening. RwCIDIANH and RwCIDIANHM are assigned special missing .p if these questions were skipped because the interview was by proxy. Don't know, refused, or other missing responses to the components of RwCIDIANH are assigned special missing codes .d, .r, or .m, respectively. RwCIDIANH and RwCIDIANHM are set to plain missing (.) for respondents who did not respond to the current wave.

RwCIDISYMP indicates the total number of symptoms the respondent reported experiencing. RwCIDISYMP will take the value of RwCIDIDEP if the respondent answered the dysphoria questions, and will take the value of RwCIDIANH if the respondent answered the anhedonia questions. If the respondent did not pass the screening for dysphoria or anhedonia, then RwCIDISYMP is assigned a value of 0 since it is assumed that they are exhibiting no symptoms of depression. RwCIDISYMP counts the number of components with missing responses. RwCIDISYMP and RwCIDISYMPM are assigned special missing .p if these questions were skipped because the interview was by proxy. Don't know, refused, or other missing responses to the components of RwCIDISYMP are assigned special missing codes .d, .r, or .m, respectively. RwCIDISYMP and RwCIDISYMPM are set to plain missing (.) for respondents who did not respond to the current wave.

RwCIDIMDE3 and RwCIDIMDE5 indicate whether the respondent has had a probable major depressive episode. RwCIDIMDE3 uses a threshold of 3 or more symptoms, while RwCIDIMDE5 uses a threshold of 5 or more symptoms to indicate a probable major depressive episode. RwCIDIMDE3 is assigned a value of 0 if the respondent exhibited 0 to 2 symptoms, and assigned a value of 1 if the respondent exhibited 3 to 7 symptoms. RwCIDIMDE5 is assigned a value of 0 if the respondent exhibited 0 to 4 symptoms, and assigned a value of 1 if the respondent exhibited 5 to 7 symptoms. RwCIDIMDE3 and RwCIDIMDE5 are assigned special missing .p if these questions were skipped because the interview was by proxy. Don't know, refused, or other missing responses to the components of RwCIDIMDE3 and RwCIDIMDE5 are assigned special missing codes .d, .r, or .m, respectively. RwCIDIMDE3 and RwCIDIMDE5 are set to plain missing (.) for respondents who did not respond to the current wave.

SwCIDIDEP, SwCIDIDEPM, SwCIDIANH, SwCIDIANH, SwCIDISYMP, SwCIDISYMPM, SwCIDIMDE3, and SwCIDIMDE5 indicate the respondent's current wave's spouse's experience with a major depressive episode, and their values are taken from RwCIDIDEP, RwCIDIDEPM, RwCIDIANH, RwCIDIANH, RwCIDISYMP, RwCIDISYMPM, RwCIDIMDE3, and RwCIDIMDE5. In addition to the special missing codes employed by the respondent variables, the spouse variables employ two additional special missing codes: .u and .v. The special missing value .u is used when the respondent does not report being coupled in the current wave. The special missing code .v is used when the respondent reports being coupled in the current wave but their spouse is not interviewed.

Cross Wave Differences in LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The Harmonized HRS includes comparable variables starting in Wave 3, when these questions begin in the HRS. In Waves 4 through 8, these questions are skipped for respondents who interviewed in the previous wave of the HRS, while all non-proxy respondents are asked these questions in Wave 3, and starting in Wave 9. In all waves of the HRS, respondents who voluntarily report not feeling depressed because they are on antidepressants during the screening questions are not asked the remaining questions and are assigned a special missing value.

In the anhedonia question groupings, respondents in the HRS are asked whether they have lost their appetite or had an increase in appetite, while respondents in the LASI are only asked whether they lost their appetite. Additionally, respondents in the HRS are asked whether they had more trouble falling asleep than usual, and if so, whether the problem happened every night, nearly every night, or less often, while respondents in the LASI are only asked whether they had more trouble falling asleep than usual. As such, RwCIDIANH in the Harmonized HRS adds 1 to the count if the respondent had an appetite change (lost or increased) and if the respondent had more trouble falling asleep every night or nearly every night, while RwCIDIANH in the Harmonized LASI adds 1 to the count if the respondent lost their appetite (more specific than HRS) and had more trouble falling sleep than usual (more general than HRS). This would impact the results for RwCIDISYMP, RwCIDIMDE3, and RwCIDIMDE5 in turn.

LASI Variables Used

Wave 1 Core:

MH201	Feeling of sad, blue, or depressed for two weeks
MH202	Worsening of the feelings of being sad, blue, o
MH203	Frequency of feeling of being sad, blue, or depr
MH204	Lost interest during those two weeks
MH205	Feel more tired or low in energy than usual duin
MH206	Lost appetite
MH207	Increase in appetite during those two weeks
MH208	Lot of trouble in concentrating than usual durin
MH209	Feeling down on themselves and no good or worthl
MH210	Thinking a lot about death during those two wee
MH211	Trouble in falling asleep than usual during thos
MH212	Frequency of problem with falling asleep during
MH214	Lost interest in most things like hobbies, work,
MH215	Period of complete loss of interest for two week
MH216	Frequency of feeling of complete loss of interes
MH217	Feeling tired or low on energy all the time
MH218	Lost appetite during two weeks
MH219	More trouble in concentrating than usual during
MH220	Feeling down on themselves, no good or worthless
MH221	Thinking of death during last two weeks
MH222	More trouble falling asleep during those two wee

Satisfaction with Life Scale

Wave	Variable	Label	Type
1	R1LIDEAL	r1lideal:w1 r life is close to ideal 7-point	Categ
1	S1LIDEAL	s1lideal:w1 s life is close to ideal 7-point	Categ
1	R1LEXCL	r1lexcl:w1 r life conditions are excellent 7-point	Categ
1	S1LEXCL	s1lexcl:w1 s life conditions are excellent 7-point	Categ
1	R1LSTSF	r1lstsf:w1 r satisfied with life 7-point	Categ
1	S1LSTSF	s1lstsf:w1 s satisfied with life 7-point	Categ
1	R1LIMPTT	r1limptt:w1 r gotten important things in life 7-point	Categ
1	S1LIMPTT	s1limptt:w1 s gotten important things in life 7-point	Categ
1	R1LCHNOT	r1lchnot:w1 r change almost nothing if lived again 7-point	Categ
1	S1LCHNOT	s1lchnot:w1 s change almost nothing if lived again 7-point	Categ
1	R1LIDEAL3	r1lideal3:w1 r life is close to ideal 3-point	Categ
1	S1LIDEAL3	s1lideal3:w1 s life is close to ideal 3-point	Categ
1	R1LEXCL3	r1lexcl3:w1 r life conditions are excellent 3-point	Categ
1	S1LEXCL3	s1lexcl3:w1 s life conditions are excellent 3-point	Categ
1	R1LSTSF3	r1lstsf3:w1 r satisfied with life 3-point	Categ
1	S1LSTSF3	s1lstsf3:w1 s satisfied with life 3-point	Categ
1	R1LIMPTT3	r1limptt3:w1 r gotten important things in life 3-point	Categ
1	S1LIMPTT3	s1limptt3:w1 s gotten important things in life 3-point	Categ
1	R1LCHNOT3	r1lchnot3:w1 r change almost nothing if lived again 3-point	Categ
1	S1LCHNOT3	s1lchnot3:w1 s change almost nothing if lived again 3-point	Categ
1	R1LSATSC	r1lsatsc:w1 r satisfaction with life scale 7-point score	Cont
1	S1LSATSC	s1lsatsc:w1 s satisfaction with life scale 7-point score	Cont
1	R1LSATSCM	r1lsatscm:w1 r satisfaction with life scale 7-point score mi	Cont
1	S1LSATSCM	s1lsatscm:w1 s satisfaction with life scale 7-point score mi	Cont
1	R1LSATSC3	r1lsatsc3:w1 r satisfaction with life scale 3-point score	Cont
1	S1LSATSC3	s1lsatsc3:w1 s satisfaction with life scale 3-point score	Cont
1	R1LSATSC3M	r1lsatsc3m:w1 r satisfaction with life scale 3-point score m	Cont
1	S1LSATSC3M	s1lsatsc3m:w1 s satisfaction with life scale 3-point score m	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1LIDEAL	71483	4.92	1.66	1.00	7.00
S1LIDEAL	49238	4.96	1.64	1.00	7.00
R1LEXCL	71494	4.82	1.65	1.00	7.00
S1LEXCL	49244	4.88	1.62	1.00	7.00
R1LSTSF	71496	4.99	1.63	1.00	7.00
S1LSTSF	49244	5.05	1.60	1.00	7.00
R1LIMPTT	71495	4.71	1.70	1.00	7.00
S1LIMPTT	49244	4.76	1.68	1.00	7.00
R1LCHNOT	71472	4.50	1.84	1.00	7.00
S1LCHNOT	49235	4.55	1.83	1.00	7.00
R1LIDEAL3	71483	2.48	0.78	1.00	3.00
S1LIDEAL3	49238	2.50	0.77	1.00	3.00
R1LEXCL3	71494	2.44	0.80	1.00	3.00
S1LEXCL3	49244	2.46	0.79	1.00	3.00
R1LSTSF3	71496	2.50	0.77	1.00	3.00
S1LSTSF3	49244	2.53	0.75	1.00	3.00
R1LIMPTT3	71495	2.37	0.83	1.00	3.00
S1LIMPTT3	49244	2.40	0.82	1.00	3.00
R1LCHNOT3	71472	2.25	0.85	1.00	3.00
S1LCHNOT3	49235	2.27	0.85	1.00	3.00
R1LSATSC	71494	4.79	1.42	1.00	7.00
S1LSATSC	49244	4.84	1.40	1.00	7.00
R1LSATSCM	72693	0.08	0.64	0.00	5.00
S1LSATSCM	49863	0.06	0.55	0.00	5.00
R1LSATSC3	71494	2.41	0.65	1.00	3.00
S1LSATSC3	49244	2.43	0.63	1.00	3.00
R1LSATSC3M	72693	0.08	0.64	0.00	5.00
S1LSATSC3M	49863	0.06	0.55	0.00	5.00

Categorical Variable Codes

Value-----	R1LIDEAL
.d:DK	76
.m:Missing	1125
.p:proxy	715
.r:Refuse	9
1.strongly disagree	3883
2.disagree	3711
3.slightly disagree	5023
4.neither agree nor disagree	12072
5.slightly agree	16961
6.agree	16811
7.strongly agree	13022

Value-----	S1LIDEAL
.d:DK	39
.m:Missing	583
.p:proxy	289
.r:Refuse	3
.u:Unmar	16594
.v:SP NR	6662
1.strongly disagree	2471
2.disagree	2508
3.slightly disagree	3360
4.neither agree nor disagree	8166
5.slightly agree	11736
6.agree	11838
7.strongly agree	9159

Value-----	R1LEXCL
.d:DK	67
.m:Missing	1125
.p:proxy	715
.r:Refuse	7
1.strongly disagree	4029
2.disagree	3761
3.slightly disagree	6274
4.neither agree nor disagree	11817
5.slightly agree	17312
6.agree	17369
7.strongly agree	10932

Value-----	S1LEXCL
.d:DK	34
.m:Missing	583
.p:proxy	289
.r:Refuse	2
.u:Unmar	16594
.v:SP NR	6662
1.strongly disagree	2485
2.disagree	2451
3.slightly disagree	4246
4.neither agree nor disagree	7983
5.slightly agree	12161
6.agree	12200
7.strongly agree	7718

Value-----	R1LSTSF
.d:DK	65
.m:Missing	1125
.p:proxy	715
.r:Refuse	7
1.strongly disagree	3346
2.disagree	3533
3.slightly disagree	5310
4.neither agree nor disagree	11151
5.slightly agree	16782
6.agree	17689
7.strongly agree	13685

Value-----	S1LSTSF
.d:DK	34

.m:Missing	583
.p:proxy	289
.r:Refuse	2
.u:Unmar	16594
.v:SP NR	6662
1.strongly disagree	1996
2.disagree	2319
3.slightly disagree	3528
4.neither agree nor disagree	7520
5.slightly agree	11642
6.agree	12488
7.strongly agree	9751

Value-----	R1LIMPTT
.d:DK	66
.m:Missing	1125
.p:proxy	715
.r:Refuse	7
1.strongly disagree	4491
2.disagree	4477
3.slightly disagree	7140
4.neither agree nor disagree	12482
5.slightly agree	15807
6.agree	16474
7.strongly agree	10624

Value-----	S1LIMPTT
.d:DK	34
.m:Missing	583
.p:proxy	289
.r:Refuse	2
.u:Unmar	16594
.v:SP NR	6662
1.strongly disagree	2835
2.disagree	2961
3.slightly disagree	4779
4.neither agree nor disagree	8528
5.slightly agree	11012
6.agree	11652
7.strongly agree	7477

Value-----	R1LCHNOT
.d:DK	87
.m:Missing	1125
.p:proxy	715
.r:Refuse	9
1.strongly disagree	6680
2.disagree	5449
3.slightly disagree	7242
4.neither agree nor disagree	14796
5.slightly agree	12437
6.agree	12983
7.strongly agree	11885

Value-----	S1LCHNOT
.d:DK	42
.m:Missing	583
.p:proxy	289
.r:Refuse	3
.u:Unmar	16594
.v:SP NR	6662
1.strongly disagree	4325
2.disagree	3721
3.slightly disagree	4922
4.neither agree nor disagree	9984
5.slightly agree	8640
6.agree	9243
7.strongly agree	8400

Value-----	R1LIDEAL3
.d:DK	76

.m:Missing		1125
.p:proxy		715
.r:Refuse		9
1.disagree		12617
2.neither agree nor disagree		12072
3.agree		46794

Value-----		S1LIDEAL3
.d:DK		39
.m:Missing		583
.p:proxy		289
.r:Refuse		3
.u:Unmar		16594
.v:SP NR		6662
1.disagree		8339
2.neither agree nor disagree		8166
3.agree		32733

Value-----		R1LEXCL3
.d:DK		67
.m:Missing		1125
.p:proxy		715
.r:Refuse		7
1.disagree		14064
2.neither agree nor disagree		11817
3.agree		45613

Value-----		S1LEXCL3
.d:DK		34
.m:Missing		583
.p:proxy		289
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
1.disagree		9182
2.neither agree nor disagree		7983
3.agree		32079

Value-----		R1LSTSF3
.d:DK		65
.m:Missing		1125
.p:proxy		715
.r:Refuse		7
1.disagree		12189
2.neither agree nor disagree		11151
3.agree		48156

Value-----		S1LSTSF3
.d:DK		34
.m:Missing		583
.p:proxy		289
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
1.disagree		7843
2.neither agree nor disagree		7520
3.agree		33881

Value-----		R1LIMPTT3
.d:DK		66
.m:Missing		1125
.p:proxy		715
.r:Refuse		7
1.disagree		16108
2.neither agree nor disagree		12482
3.agree		42905

Value-----		S1LIMPTT3
.d:DK		34
.m:Missing		583
.p:proxy		289

.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
1.disagree		10575
2.neither agree nor disagree		8528
3.agree		30141
Value-----		R1LCHNOT3
.d:DK		87
.m:Missing		1125
.p:proxy		715
.r:Refuse		9
1.disagree		19371
2.neither agree nor disagree		14796
3.agree		37305
Value-----		S1LCHNOT3
.d:DK		42
.m:Missing		583
.p:proxy		289
.r:Refuse		3
.u:Unmar		16594
.v:SP NR		6662
1.disagree		12968
2.neither agree nor disagree		9984
3.agree		26283

How Constructed

RwLIDEAL, RwLEXCL, RwLSTSF, RwLIMPTT, and RwLCHNOT indicate how much the respondent agrees with specific statements about their satisfaction with life and are based on a 7-point scale. RwLIDEAL indicates how much the respondent agrees that in most ways their life is close to ideal using a 7-point scale. RwLEXCL indicates how much the respondent agrees that the conditions of their life are excellent using a 7-point scale. RwLSTSF indicates how much the respondent agrees that they are satisfied with their life using a 7-point scale. RwLIMPTT indicates how much the respondent agrees that so far, they have gotten the important things they want in life using a 7-point scale. RwLCHNOT indicates how much the respondent agrees that if they could live their life again, they would change almost nothing using a 7-point scale. RwLIDEAL, RwLEXCL, RwLSTSF, RwLIMPTT, and RwLCHNOT are coded as follows: 1.strongly disagree, 2.disagree, 3.slightly disagree, 4.neither agree nor disagree, 5.slightly agree, 6.agree, or 7.strongly agree. RwLIDEAL, RwLEXCL, RwLSTSF, RwLIMPTT, and RwLCHNOT are assigned special missing .p if these questions were skipped because the interview was by proxy. Don't know, refused, or other missing responses are assigned .d, .r, or .m, respectively. These variables are set to blank missing (.) if the respondent did not participate in the current wave.

SwLIDEAL, SwLEXCL, SwLSTSF, SwLIMPTT, and SwLCHNOT indicate the respondent's current wave's spouse's level of agreement with the statements about their life satisfaction, and its values are taken from the spouse's values to RwLIDEAL, RwLEXCL, RwLSTSF, RwLIMPTT, and RwLCHNOT. In addition to the special missing codes used in the respondent variables, the spouse variables employ two additional 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.

RwLIDEAL3, RwLEXCL3, RwLSTSF3, RwLIMPTT3, and RwLCHNOT3 indicate how much the respondent agrees with specific statements about their satisfaction with life using a 3-point scale. RwLIDEAL3, RwLEXCL3, RwLSTSF3, RwLIMPTT3, and RwLCHNOT3 are recoded versions of RwLIDEAL, RwLEXCL, RwLSTSF, RwLIMPTT, and RwLCHNOT and are coded as follows: 1.disagree, 2.neither agree nor disagree, 3.agree. Responses of strongly disagree, disagree, and slightly disagree are grouped into 1.disagree, and responses of strongly agree, agree, and slightly agree are grouped into 3.agree. RwLIDEAL3, RwLEXCL3, RwLSTSF3, RwLIMPTT3, and RwLCHNOT3 are assigned special missing .p if these questions were skipped because the interview was by proxy. Don't know, refused, or other missing values are assigned special missing codes .d, .r, .m, respectively. RwLIDEAL3, RwLEXCL3, RwLSTSF3, RwLIMPTT3, and RwLCHNOT3 are set to plain missing (.) for respondents who did not respond to the current wave.

SwLIDEAL3, SwLEXCL3, SwLSTSF3, SwLIMPTT3, and SwLCHNOT3 indicate how much the respondent's spouse agrees with specific statements about their satisfaction with life and are taken directly from the spouse's responses to RwLIDEAL3, RwLEXCL3, RwLSTSF3, RwLIMPTT3, and RwLCHNOT3, respectively. In addition to the

special missing codes used in RwlIDEAL3, RwlEXCL3, RwlSTSF3, RwlIMPTT3, and RwlCHNOT3, SwlIDEAL3, SwlEXCL3, SwlSTSF3, SwlIMPTT3, and SwlCHNOT3 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.

RwLSATSC indicates the mean of the five different life satisfaction questions (RwlIDEAL, RwlEXCL, RwlSTSF, RwlIMPTT, and RwlCHNOT) and can be used as a summary score. RwLSATSC is calculated for any respondent with at least two non-missing values for its five components. RwLSATSCM counts the number of components with missing values in RwLSATSC, which could be between no missing components (0) and five missing components (5). These variables are assigned special missing .p if the respondents skipped these questions because the interview was by proxy. Special missing .m is assigned if the responses are otherwise missing. These variables are set to blank missing (.) if the respondent did not participate in the current wave.

SwLSATSC and SwLSATSCM indicate the mean summary score of five different life satisfaction questions and the count of any missing components in that score for the respondent's current wave's spouse, and are taken from the spouse's values to RwLSATSC and RwLSATSCM. In addition to the special missing codes used in RwLSATSC and RwLSATSCM, SwLSATSC and SwLSATSCM employ two additional 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.

RwLSATSC3 indicates the mean of the five different life satisfaction questions (RwlIDEAL, RwlEXCL, RwlSTSF, RwlIMPTT, and RwlCHNOT) after recoding to a 3-point scale and be used a summary score. RwLSATSC3 is calculated for any respondent with at least two non-missing values for its five components. RwLSATSC3M counts the number of components with missing values in RwLSATSC3, which could be between no missing components (0) and five missing components (5). These variables are assigned special missing .p if the respondents skipped these questions because the interview was by proxy. Special missing .m is assigned if the responses are otherwise missing. These variables are set to blank missing (.) if the respondent did not participate in the current wave.

SwLSATSC3 and SwLSATSC3M indicate the mean summary score of five different life satisfaction questions and the count of any missing components in that score for the respondent's current wave's spouse, and are taken from the spouse's values to RwLSATSC3 and RwLSATSC3M. In addition to the special missing codes used in RwLSATSC3 and RwLSATSC3M, SwLSATSC3 and SwLSATSC3M employ two additional 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Questions about the respondent's agreements with statements about their life satisfaction were added to the HRS starting in Wave 7.

In LASI, the answer choices to these questions range from 1.strongly disagree to 7.strongly agree. However, the scale directionality in the HRS changes across waves. In Wave 7, the response scale in the HRS ranges from 1.strongly agree to 7.strongly disagree. In Wave 8, the response scale omits the option for "neither agree nor disagree" and ranges from 1.strongly agree to 6.strongly disagree. Starting in Wave 9, the response scale in the HRS ranges from 1.strongly disagree to 7.strongly agree. To provide variables that are comparable between the Harmonized LASI and the Harmonized HRS, the responses in the HRS Waves 7 and 8 are reverse-coded to be consistent with the direction of the answer scale used in the HRS Wave 9 and onward.

LASI Variables Used

Wave 1 Core:

FS609A Life is close to ideal

FS609B	The conditions of my life are excellent
FS609C	Satisfied with life
FS609D	Got the important things I want in life
FS609E	Live life again

Satisfaction with Accommodation

Wave	Variable	Label	Type
1	R1SATHOME	r1sathome:w1 r satisfied with current living arrangements	Categ
1	S1SATHOME	s1sathome:w1 s satisfied with current living arrangements	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SATHOME	71871	2.03	0.76	1.00	5.00
S1SATHOME	49471	1.99	0.73	1.00	5.00

Categorical Variable Codes

Value-----	R1SATHOME
.d:DK	12
.m:Missing	805
.p:proxy	715
.r:Refuse	5
1.strongly satisfied	15617
2.satisfied	41898
3.neither satisfied nor dissatisfied	11363
4.dissatisfied	2540
5.strongly dissatisfied	453

Value-----	S1SATHOME
.d:DK	5
.m:Missing	384
.p:proxy	289
.r:Refuse	3
.u:Unmar	16594
.v:SP NR	6662
1.strongly satisfied	11309
2.satisfied	29239
3.neither satisfied nor dissatisfied	7198
4.dissatisfied	1493
5.strongly dissatisfied	232

How Constructed

RwSATHOME indicate the respondent's rating of their satisfaction with their current living arrangements. RwSATHOME is coded as follows: 1.strongly satisfied, 2.satisfied, 3.neither satisfied nor dissatisfied, 4.dissatisfied, 5.strongly dissatisfied.

This question is not asked if the interview is completed by proxy, in which case these variables are assigned special missing code .p. Don't know, refused, or other missing values are assigned special missing codes .d, .r, .m, respectively. RwSATHOME is set to plain missing (.) for respondents who did not respond to the current wave.

SwSATHOME is the respondent's spouse's rating of their satisfaction with their current living arrangements, and its values are taken directly from the spouse's responses to RwSATHOME. In addition to the special missing codes used in RwSATHOME, SwSATHOME 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

The HRS asks how satisfied the respondent is with "the condition of the place where you live (house or apartment)", while the LASI asks how satisfied the respondent is with "your current living arrangements". In addition, HRS uses a slightly different response scale ranging from 1.completely satisfied to 5.not at all satisfied, while the LASI uses a scale ranging from 1.strongly satisfied to 5.strongly dissatisfied. Despite the differences in wording, the measures are considered comparable.

LASI Variables Used

Wave 1 Core:	
FS329	Satisfaction with current living arrangement

Satisfaction with Life as a Whole

Wave	Variable	Label	Type
1	R1SATWLIFE	r1satwlife:w1 r satisfied with life	Categ
1	S1SATWLIFE	s1satwlife:w1 s satisfied with life	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1SATWLIFE	72684	2.46	0.89	1.00	5.00
S1SATWLIFE	49859	2.41	0.87	1.00	5.00

Categorical Variable Codes

Value-----	R1SATWLIFE
.d:DK	6
.m:Missing	2
.p:proxy	714
.r:Refuse	2
1.completely satisfied	10196
2.very satisfied	26765
3.somewhat satisfied	28904
4.not very satisfied	5370
5.not at all satisfied	1449

Value-----	S1SATWLIFE
.d:DK	2
.m:Missing	1
.p:proxy	289
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
1.completely satisfied	7364
2.very satisfied	19207
3.somewhat satisfied	19484
4.not very satisfied	3052
5.not at all satisfied	752

How Constructed

RwSATWLIFE indicates the respondent's level of satisfaction with life as a whole. RwSATWLIFE is coded as follows: 1.Completely satisfied, 2.Very satisfied, 3.Somewhat satisfied, 4.Not very satisfied, and 5.Not at all satisfied. This question is not asked if the interview is completed by proxy, in which case RwSATWLIFE is assigned special missing code .p. Don't know, refused, or other missing values are assigned special missing .d, .r, or .m, respectively. RwSATWLIFE is set to blank missing (.) if the respondent did not participate in the current wave.

SwSATWLIFE indicate the respondent's current wave's spouse's level of satisfaction with life as a whole, and its values are taken from the spouse's values for RwSATWLIFE. In addition to the special missing codes employed by RwSATWLIFE, SwSATWLIFE 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

A single question about satisfaction with life as a whole was added to the HRS starting in Wave 9. This would be a comparable measure between LASI and HRS.

LASI Variables Used

Wave 1 Core:
DM002 How satisfied are you

Activity-related Affective Experience Yesterday
--

Wave	Variable	Label	Type
1	R1WTCHTV	rlwtchtv:w1 r watched tv yesterday	Categ
1	S1WTCHTV	slwtchtv:w1 s watched tv yesterday	Categ
1	R1WTCHTVMN	rlwtchtmn:w1 minutes r watched tv yesterday	Cont
1	S1WTCHTVMN	slwtchtmn:w1 minutes s watched tv yesterday	Cont
1	R1WTVHPYA	rlwtvhpya:w1 How happy r felt when watched TV yesterday	Cont
1	S1WTVHPYA	slwtvhpya:w1 How happy s felt when watched TV yesterday	Cont
1	R1WTVINTA	rlwtvinta:w1 How interested r felt when watched TV yesterday	Cont
1	S1WTVINTA	slwtvinta:w1 How interested s felt when watched TV yesterday	Cont
1	R1WTVFRSA	rlwtvfrsa:w1 How frustrated r felt when watched TV yesterday	Cont
1	S1WTVFRSA	slwtvfrsa:w1 How frustrated s felt when watched TV yesterday	Cont
1	R1WTVSADA	rlwtvsada:w1 How sad r felt when watched TV yesterday	Cont
1	S1WTVSADA	slwtvsada:w1 How sad s felt when watched TV yesterday	Cont
1	R1WTVPOS2A	rlwtvpos2a:w1 r avg pos affect watching TV (happy, intereste	Cont
1	S1WTVPOS2A	slwtvpos2a:w1 s avg pos affect watching TV (happy, intereste	Cont
1	R1WTVNEG2A	rlwtvneg2a:w1 r avg neg affect watching TV (frustrated, sad)	Cont
1	S1WTVNEG2A	slwtvneg2a:w1 s avg neg affect watching TV (frustrated, sad)	Cont
1	R1WKVLNTR	rlwkvlnttr:w1 r worked or volunteered yesterday	Categ
1	S1WKVLNTR	slwkvlnttr:w1 s worked or volunteered yesterday	Categ
1	R1WKVLNTRMN	rlwkvlnttrmn:w1 minutes r worked or volunteered yesterday	Cont
1	S1WKVLNTRMN	slwkvlnttrmn:w1 minutes s worked or volunteered yesterday	Cont
1	R1WKVHPYA	rlwkvhpya:w1 How happy r felt when worked or volunteered yes	Cont
1	S1WKVHPYA	slwkvhpya:w1 How happy s felt when worked or volunteered yes	Cont
1	R1WKVINTA	rlwkvinta:w1 How interested r felt when worked or volunteere	Cont
1	S1WKVINTA	slwkvinta:w1 How interested s felt when worked or volunteere	Cont
1	R1WKVFRSA	rlwkvfrsa:w1 How frustrated r felt when worked or volunteere	Cont
1	S1WKVFRSA	slwkvfrsa:w1 How frustrated s felt when worked or volunteere	Cont
1	R1WKVSADA	rlwkvsada:w1 How sad r felt when worked or volunteered yeste	Cont
1	S1WKVSADA	slwkvsada:w1 How sad s felt when worked or volunteered yeste	Cont
1	R1WKVPOS2A	rlwkvpos2a:w1 r avg pos affect work/volunteer (happy, intere	Cont

1	S1WKVPOS2A	slwkvpos2a:w1 s avg pos affect work/volunteer (happy, intere	Cont
1	R1WKVNEG2A	rlwkvneg2a:w1 r avg neg affect work/volunteer (frustrated, s	Cont
1	S1WKVNEG2A	slwkvneg2a:w1 s avg neg affect work/volunteer (frustrated, s	Cont
1	R1WALKEX	rlwalkex:w1 r walked or exercised yesterday	Categ
1	S1WALKEX	slwalkex:w1 s walked or exercised yesterday	Categ
1	R1WALKEXMN	rlwalkexmn:w1 minutes r walked or exercised yesterday	Cont
1	S1WALKEXMN	slwalkexmn:w1 minutes s walked or exercised yesterday	Cont
1	R1EXRHPYA	rllexrhpya:w1 How happy r felt when walked or exercised yeste	Cont
1	S1EXRHPYA	sllexrhpya:w1 How happy s felt when walked or exercised yeste	Cont
1	R1EXRINTA	rllexrinta:w1 How interested r felt when walked or exercised	Cont
1	S1EXRINTA	sllexrinta:w1 How interested s felt when walked or exercised	Cont
1	R1EXRFRSA	rllexrfrsa:w1 How frustrated r felt when walked or exercised	Cont
1	S1EXRFRSA	sllexrfrsa:w1 How frustrated s felt when walked or exercised	Cont
1	R1EXRSADA	rllexrsada:w1 How sad r felt when walked or exercised yesterd	Cont
1	S1EXRSADA	sllexrsada:w1 How sad s felt when walked or exercised yesterd	Cont
1	R1EXRPOS2A	rllexrpos2a:w1 r avg pos affect walk/exercise (happy, interes	Cont
1	S1EXRPOS2A	sllexrpos2a:w1 s avg pos affect walk/exercise (happy, interes	Cont
1	R1EXRNEG2A	rllexrneg2a:w1 r avg neg affect walk/exercise (frustrated, sa	Cont
1	S1EXRNEG2A	sllexrneg2a:w1 s avg neg affect walk/exercise (frustrated, sa	Cont
1	R1HLTHAC	rlhlthac:w1 r did health-related activity yesterday	Categ
1	S1HLTHAC	slhlthac:w1 s did health-related activity yesterday	Categ
1	R1HLTHACMN	rlhlthacmn:w1 minutes r did health-related activity yesterda	Cont
1	S1HLTHACMN	slhlthacmn:w1 minutes s did health-related activity yesterda	Cont
1	R1HLTHPYA	rlhlthpya:w1 How happy r felt when did health-related activi	Cont
1	S1HLTHPYA	slhlthpya:w1 How happy s felt when did health-related activi	Cont
1	R1HLTINTA	rlhltinta:w1 How interested r felt when did health-related a	Cont
1	S1HLTINTA	slhltinta:w1 How interested s felt when did health-related a	Cont
1	R1HLTFRSA	rlhltfrsa:w1 How frustrated r felt when did health-related a	Cont
1	S1HLTFRSA	slhltfrsa:w1 How frustrated s felt when did health-related a	Cont
1	R1HLTSADA	rlhltsada:w1 How sad r felt when did health-related activity	Cont
1	S1HLTSADA	slhltsada:w1 How sad s felt when did health-related activity	Cont

1	R1HLTPOS2A	rlhltpos2a:w1 r avg pos affect health-relat (happy, interest	Cont
1	S1HLTPOS2A	slhltpos2a:w1 s avg pos affect health-relat (happy, interest	Cont
1	R1HLTNEG2A	rlhltneg2a:w1 r avg neg affect health-relat (frustrated, sad	Cont
1	S1HLTNEG2A	slhltneg2a:w1 s avg neg affect health-relat (frustrated, sad	Cont
1	R1TRVLCOM	rltrvlcom:w1 r traveled or commuted yesterday	Categ
1	S1TRVLCOM	sltrvlcom:w1 s traveled or commuted yesterday	Categ
1	R1TRVLCOMMN	rltrvlcommn:w1 minutes r traveled or commuted yesterday	Cont
1	S1TRVLCOMMN	sltrvlcommn:w1 minutes s traveled or commuted yesterday	Cont
1	R1TRVHPYA	rltrvhpya:w1 How happy r felt when traveled or commuted yest	Cont
1	S1TRVHPYA	sltrvhpya:w1 How happy s felt when traveled or commuted yest	Cont
1	R1TRVINTA	rltrvinta:w1 How interested r felt when traveled or commuted	Cont
1	S1TRVINTA	sltrvinta:w1 How interested s felt when traveled or commuted	Cont
1	R1TRVFRSA	rltrvfrsa:w1 How frustrated r felt when traveled or commuted	Cont
1	S1TRVFRSA	sltrvfrsa:w1 How frustrated s felt when traveled or commuted	Cont
1	R1TRVSADA	rltrvsada:w1 How sad r felt when traveled or commuted yester	Cont
1	S1TRVSADA	sltrvsada:w1 How sad s felt when traveled or commuted yester	Cont
1	R1TRVPOS2A	rltrvpos2a:w1 r avg pos affect travel/commute (happy, intere	Cont
1	S1TRVPOS2A	sltrvpos2a:w1 s avg pos affect travel/commute (happy, intere	Cont
1	R1TRVNEG2A	rltrvneg2a:w1 r avg neg affect travel/commute (frustrated, s	Cont
1	S1TRVNEG2A	sltrvneg2a:w1 s avg neg affect travel/commute (frustrated, s	Cont
1	R1TMFRND	rltmfrnd:w1 r spent time with friends yesterday	Categ
1	S1TMFRND	sltmfrnd:w1 s spent time with friends yesterday	Categ
1	R1TMFRNDMN	rltmfrndmn:w1 minutes r spent with friends yesterday	Cont
1	S1TMFRNDMN	sltmfrndmn:w1 minutes s spent with friends yesterday	Cont
1	R1FRNHPYA	rlfrnhpya:w1 How happy r felt when spent time with friends y	Cont
1	S1FRNHPYA	slfrnhpya:w1 How happy s felt when spent time with friends y	Cont
1	R1FRNINTA	rlfrninta:w1 How interested r felt when spent time with frie	Cont
1	S1FRNINTA	slfrninta:w1 How interested s felt when spent time with frie	Cont
1	R1FRNFRSA	rlfrnfrsa:w1 How frustrated r felt when spent time with frie	Cont
1	S1FRNFRSA	slfrnfrsa:w1 How frustrated s felt when spent time with frie	Cont
1	R1FRNSADA	rlfrnsada:w1 How sad r felt when spent time with friends yes	Cont
1	S1FRNSADA	slfrnsada:w1 How sad s felt when spent time with friends yes	Cont

1	R1FRNPOS2A	r1frnpos2a:w1 r avg pos affect time w/ friends (happy, inter	Cont
1	S1FRNPOS2A	s1frnpos2a:w1 s avg pos affect time w/ friends (happy, inter	Cont
1	R1FRNNEG2A	r1frnneg2a:w1 r avg neg affect time w/ friends (frustrated,	Cont
1	S1FRNNEG2A	s1frnneg2a:w1 s avg neg affect time w/ friends (frustrated,	Cont
1	R1TMSELF	r1tmself:w1 r spent time home by themself yesterday	Categ
1	S1TMSELF	s1tmself:w1 s spent time home by themself yesterday	Categ
1	R1TMSELFMN	r1tmselfmn:w1 minutes r spent home by themself yesterday	Cont
1	S1TMSELFMN	s1tmselfmn:w1 minutes s spent home by themself yesterday	Cont
1	R1SLFHHPYA	r1slfhpya:w1 How happy r felt when spent time at home by the	Cont
1	S1SLFHHPYA	s1slfhpya:w1 How happy s felt when spent time at home by the	Cont
1	R1SLFINTA	r1slfinta:w1 How interested r felt when spent time at home b	Cont
1	S1SLFINTA	s1slfinta:w1 How interested s felt when spent time at home b	Cont
1	R1SLFFRSA	r1slffrsa:w1 How frustrated r felt when spent time at home b	Cont
1	S1SLFFRSA	s1slffrsa:w1 How frustrated s felt when spent time at home b	Cont
1	R1SLFSADA	r1slfsada:w1 How sad r felt when spent time at home by them	Cont
1	S1SLFSADA	s1slfsada:w1 How sad s felt when spent time at home by them	Cont
1	R1SLFPOS2A	r1slfpos2a:w1 r avg pos affect time home alone (happy, inter	Cont
1	S1SLFPOS2A	s1slfpos2a:w1 s avg pos affect time home alone (happy, inter	Cont
1	R1SLFNEG2A	r1slfneg2a:w1 r avg neg affect time home alone (frustrated,	Cont
1	S1SLFNEG2A	s1slfneg2a:w1 s avg neg affect time home alone (frustrated,	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1WTCHTV	9158	0.49	0.50	0.00	1.00
S1WTCHTV	6293	0.51	0.50	0.00	1.00
R1WTCHTVMN	9144	61.45	89.52	0.00	1440.00
S1WTCHTVMN	6280	62.51	87.27	0.00	1440.00
R1WTVHPYA	4531	4.00	1.51	1.00	6.00
S1WTVHPYA	3212	4.02	1.52	1.00	6.00
R1WTVINTA	4530	3.74	1.53	1.00	6.00
S1WTVINTA	3211	3.77	1.53	1.00	6.00
R1WTVFRSA	4531	1.86	1.22	1.00	6.00

S1WTVFRSA	3212	1.84	1.21	1.00	6.00
R1WTVSADA	4531	1.75	1.20	1.00	6.00
S1WTVSADA	3212	1.72	1.18	1.00	6.00
R1WTVPOS2A	4530	3.87	1.39	1.00	6.00
S1WTVPOS2A	3211	3.89	1.40	1.00	6.00
R1WTVNEG2A	4531	1.80	1.06	1.00	6.00
S1WTVNEG2A	3212	1.78	1.05	1.00	6.00
R1WKVLNTR	9060	0.40	0.49	0.00	1.00
S1WKVLNTR	6186	0.44	0.50	0.00	1.00
R1WKVLNTRMN	9075	112.90	174.23	0.00	1440.00
S1WKVLNTRMN	6198	127.29	182.54	0.00	1440.00
R1WKVHPYA	3637	3.82	1.54	1.00	6.00
S1WKVHPYA	2733	3.89	1.52	1.00	6.00
R1WKVINTA	3637	3.66	1.50	1.00	6.00
S1WKVINTA	2733	3.71	1.49	1.00	6.00
R1WKVFRSA	3637	2.02	1.30	1.00	6.00
S1WKVFRSA	2733	1.99	1.28	1.00	6.00
R1WKVSADA	3637	1.90	1.34	1.00	6.00
S1WKVSADA	2733	1.85	1.32	1.00	6.00
R1WKVPOS2A	3637	3.74	1.40	1.00	6.00
S1WKVPOS2A	2733	3.80	1.38	1.00	6.00
R1WKVNEG2A	3637	1.96	1.18	1.00	6.00
S1WKVNEG2A	2733	1.92	1.16	1.00	6.00
R1WALKEX	9001	0.14	0.34	0.00	1.00
S1WALKEX	6245	0.15	0.36	0.00	1.00
R1WALKEXMN	8989	8.26	36.97	0.00	1200.00
S1WALKEXMN	6236	9.08	39.24	0.00	1200.00
R1EXRHPYA	1226	4.01	1.52	1.00	6.00
S1EXRHPYA	923	4.05	1.51	1.00	6.00
R1EXRINTA	1226	3.83	1.50	1.00	6.00
S1EXRINTA	923	3.88	1.48	1.00	6.00
R1EXRFRSA	1226	1.84	1.21	1.00	6.00

S1EXRFRSA	923	1.83	1.21	1.00	6.00
R1EXRSADA	1226	1.68	1.18	1.00	6.00
S1EXRSADA	923	1.65	1.16	1.00	6.00
R1EXRPOS2A	1226	3.92	1.40	1.00	6.00
S1EXRPOS2A	923	3.96	1.38	1.00	6.00
R1EXRNEG2A	1226	1.76	1.07	1.00	6.00
S1EXRNEG2A	923	1.74	1.05	1.00	6.00
R1HLTHAC	9087	0.06	0.24	0.00	1.00
S1HLTHAC	6247	0.06	0.25	0.00	1.00
R1HLTHACMN	9087	4.43	30.51	0.00	1200.00
S1HLTHACMN	6247	4.74	32.87	0.00	1200.00
R1HLTHPYA	580	3.30	1.69	1.00	6.00
S1HLTHPYA	402	3.40	1.71	1.00	6.00
R1HLTINTA	580	3.32	1.61	1.00	6.00
S1HLTINTA	402	3.42	1.62	1.00	6.00
R1HLTFRSA	580	2.13	1.34	1.00	6.00
S1HLTFRSA	402	2.13	1.34	1.00	6.00
R1HLTSADA	580	2.06	1.43	1.00	6.00
S1HLTSADA	402	2.01	1.42	1.00	6.00
R1HLTPOS2A	580	3.31	1.52	1.00	6.00
S1HLTPOS2A	402	3.41	1.53	1.00	6.00
R1HLTNEG2A	580	2.09	1.25	1.00	6.00
S1HLTNEG2A	402	2.07	1.26	1.00	6.00
R1TRVLCOM	9026	0.11	0.31	0.00	1.00
S1TRVLCOM	6236	0.12	0.32	0.00	1.00
R1TRVLCOMMN	9014	13.70	59.94	0.00	1440.00
S1TRVLCOMMN	6228	14.54	60.68	0.00	1200.00
R1TRVHPYA	1004	3.64	1.61	1.00	6.00
S1TRVHPYA	742	3.61	1.60	1.00	6.00
R1TRVINTA	1004	3.54	1.59	1.00	6.00
S1TRVINTA	742	3.55	1.57	1.00	6.00

R1TRVFRSA	1004	1.98	1.29	1.00	6.00
S1TRVFRSA	742	1.95	1.29	1.00	6.00
R1TRVSADA	1004	1.89	1.38	1.00	6.00
S1TRVSADA	742	1.83	1.33	1.00	6.00
R1TRVPOS2A	1004	3.59	1.49	1.00	6.00
S1TRVPOS2A	742	3.58	1.49	1.00	6.00
R1TRVNEG2A	1004	1.94	1.20	1.00	6.00
S1TRVNEG2A	742	1.89	1.17	1.00	6.00
R1TMFRND	9073	0.35	0.48	0.00	1.00
S1TMFRND	6295	0.36	0.48	0.00	1.00
R1TMFRNDMN	9042	79.76	186.36	0.00	1440.00
S1TMFRNDMN	6271	81.09	182.37	0.00	1440.00
R1FRNHPYA	3132	4.35	1.49	1.00	6.00
S1FRNHPYA	2260	4.37	1.48	1.00	6.00
R1FRNINTA	3132	3.98	1.57	1.00	6.00
S1FRNINTA	2260	4.01	1.55	1.00	6.00
R1FRNFRSA	3132	1.78	1.19	1.00	6.00
S1FRNFRSA	2260	1.77	1.18	1.00	6.00
R1FRNSADA	3132	1.68	1.22	1.00	6.00
S1FRNSADA	2260	1.66	1.18	1.00	6.00
R1FRNPOS2A	3132	4.17	1.41	1.00	6.00
S1FRNPOS2A	2260	4.19	1.40	1.00	6.00
R1FRNNEG2A	3132	1.73	1.07	1.00	6.00
S1FRNNEG2A	2260	1.72	1.05	1.00	6.00
R1TMSELF	18120	0.16	0.37	0.00	1.00
S1TMSELF	12490	0.15	0.35	0.00	1.00
R1TMSELF MN	18093	54.37	188.30	0.00	1440.00
S1TMSELF MN	12471	42.22	154.00	0.00	1440.00
R1SLFHPYA	2900	3.41	1.65	1.00	6.00
S1SLFHPYA	1819	3.55	1.67	1.00	6.00
R1SLFINTA	2900	3.20	1.60	1.00	6.00
S1SLFINTA	1819	3.34	1.60	1.00	6.00

R1SLFFRSA	2900	2.19	1.37	1.00	6.00
S1SLFFRSA	1819	2.13	1.35	1.00	6.00
R1SLFSADA	2900	2.19	1.50	1.00	6.00
S1SLFSADA	1819	2.05	1.42	1.00	6.00
R1SLFPOS2A	2900	3.31	1.51	1.00	6.00
S1SLFPOS2A	1819	3.45	1.51	1.00	6.00
R1SLFNEG2A	2900	2.19	1.29	1.00	6.00
S1SLFNEG2A	1819	2.09	1.23	1.00	6.00

Categorical Variable Codes

Value-----	R1WTCHTV
.a:skipped-subsection	53353
.b:skipped-activity	8987
.d:DK	1
.m:Missing	1194
.p:Proxy	715
0.no	4626
1.yes	4532

Value-----	S1WTCHTV
.a:skipped-subsection	36730
.b:skipped-activity	6214
.m:Missing	626
.p:Proxy	289
.u:Unmar	16594
.v:SP NR	6662
0.no	3080
1.yes	3213

Value-----	R1WKVLNTR
.a:skipped-subsection	53353
.b:skipped-activity	9065
.d:DK	17
.m:Missing	1192
.p:Proxy	715
.r:Refuse	6
0.no	5439
1.yes	3621

Value-----	S1WKVLNTR
.a:skipped-subsection	36730
.b:skipped-activity	6307
.d:DK	12
.m:Missing	624
.p:Proxy	289
.r:Refuse	4
.u:Unmar	16594
.v:SP NR	6662
0.no	3466
1.yes	2720

Value-----	R1WALKEX
.a:skipped-subsection	53353
.b:skipped-activity	9139
.d:DK	5
.m:Missing	1194
.p:Proxy	715
.r:Refuse	1

0.no		7767
1.yes		1234

Value-----		S1WALKEX
.a:skipped-subsection		36730
.b:skipped-activity		6260
.d:DK		1
.m:Missing		626
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		5317
1.yes		928

Value-----		R1HLTHAC
.a:skipped-subsection		53353
.b:skipped-activity		9054
.d:DK		7
.m:Missing		1192
.p:Proxy		715
0.no		8507
1.yes		580

Value-----		S1HLTHAC
.a:skipped-subsection		36730
.b:skipped-activity		6256
.d:DK		6
.m:Missing		624
.p:Proxy		289
.u:Unmar		16594
.v:SP NR		6662
0.no		5845
1.yes		402

Value-----		R1TRVLCOM
.a:skipped-subsection		53353
.b:skipped-activity		9112
.d:DK		7
.m:Missing		1193
.p:Proxy		715
.r:Refuse		2
0.no		8019
1.yes		1007

Value-----		S1TRVLCOM
.a:skipped-subsection		36730
.b:skipped-activity		6266
.d:DK		5
.m:Missing		625
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		5493
1.yes		743

Value-----		R1TMFRND
.a:skipped-subsection		53353
.b:skipped-activity		9070
.d:DK		3
.m:Missing		1193
.p:Proxy		715
.r:Refuse		1
0.no		5936
1.yes		3137

Value-----		S1TMFRND
.a:skipped-subsection		36730
.b:skipped-activity		6210
.d:DK		2

.m:Missing		625
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		4031
1.yes		2264

Value-----		R1TMSELF
.a:skipped-subsection		53353
.d:DK		14
.m:Missing		1192
.p:Proxy		715
.r:Refuse		14
0.no		15212
1.yes		2908

Value-----		S1TMSELF
.a:skipped-subsection		36730
.d:DK		9
.m:Missing		624
.p:Proxy		289
.r:Refuse		10
.u:Unmar		16594
.v:SP NR		6662
0.no		10668
1.yes		1822

How Constructed

The following variables pertain to the respondent's activity related affect. The respondent is given the following prompt, "Please think now about things you did yesterday. We are asking questions about how you spent your time, and how you felt".

RwWTCHTV indicates whether the respondent watched TV yesterday, and is coded as 0 for no, and 1 for yes.

RwWTCHTMVN indicates the number of minutes the respondent watched TV yesterday and is provided as a continuous value. The respondent can report the number of hours and number of minutes, which have been adjusted to provide the total number of minutes. If the respondent did not watch TV yesterday, then RwWTCHTMVN is set to 0.

RwWTVHPYA, RwWTVINTA, RwWTVFRSA, and RwWTVSADA are variables indicating how the respondent felt when the respondent was watching TV yesterday. RwWTVHPYA indicates how happy the respondent felt. RwWTVINTA indicates how interested the respondent felt. RwWTVFRSA indicates how frustrated the respondent felt. RwWTVSADA indicates how sad the respondent felt. RwWTVHPYA, RwWTVINTA, RwWTVFRSA, and RwWTVSADA have scores ranging from 1 to 6, where 1 indicates they did not experience the feeling at all and 6 indicates the feeling was extremely strong. RwWTVPOS2A indicates the mean of the two activity-related positive affects in six-point scale (RwWTVHPYA and RwWTVINTA) and can be used as a summary score. RwWTVNEG2A indicates the mean of the two activity-related negative affects in six-point scale (RwWTVFRSA and RwWTVSADA) and can be used as a summary score. RwWTVPOS2A and RwWTVNEG2A are calculated for any respondent with no missing values for its two components.

The experimental module included 4 subsections and the respondent was randomly assigned to one subsection. If the respondent was selected for a different subsection, then these variables are assigned special missing .a. Within this subsection, the respondent was randomly selected to respond to 3 activities, so if the activity was not among those selected, then these variables are assigned special missing .b. Don't know, refused, or otherwise missing responses to RwWTCHTV, RwWTCHTMVN, RwWTVHPYA, RwWTVINTA, RwWTVFRSA, RwWTVSADA, RwWTVPOS2A, and RwWTVNEG2A are assigned special missing values .d, .r, .m, respectively. If the respondent did not watch TV, then RwWTVHPYA, RwWTVINTA, RwWTVFRSA, RwWTVSADA, RwWTVPOS2A, and RwWTVNEG2A are assigned special missing value .x. RwWTCHTV, RwWTCHTMVN, RwWTVHPYA, RwWTVINTA, RwWTVFRSA, RwWTVSADA, RwWTVPOS2A, and RwWTVNEG2A are assigned special missing .p if these questions were skipped because the interview was by proxy. All of these variables are set to plain missing (.) for respondents who did not respond to the current wave.

SwWTCHTV and SwWTCHTMVN indicate whether and for how many minutes the respondent's spouse watched TV yesterday, and their values are taken directly from the spouse's RwWTCHTV and RwWTCHTMVN. SwWTVHPYA,

SwWTVINTA, SwWTVFRSA, and SwWTVSADA are variables indicating how the respondent's spouse felt when the respondent's spouse was watching TV yesterday, and their values are taken directly from the spouse's responses to RwWTVHPYA, RwWTVINTA, RwWTVFRSA, and RwWTVSADA. SwWTVPOS2A and SwWTVNEG2A are the respondent's spouse's scores of the two-component activity-related positive affect and negative affect summaries, and their values are taken directly from the spouse's responses to RwWTVPOS2A and RwWTVNEG2A. In addition to the special missing codes used in the respondent variables, the spouse variables 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.

RwWKVLNTR indicates whether the respondent worked or volunteered yesterday, and is coded as 0 for no, and 1 for yes. In the questionnaire, the respondent is asked "Yesterday, did you work or volunteer? Work includes both paid and unpaid work, such as helping with family farms or businesses" with answer choices as follows: 1.paid work, 2.Unpaid work, helped with family farm or business, 3.Volunteer, 4.Neither worked nor volunteered. RwWKVLNTR is coded as 0 if the respondent answered "Neither worked nor volunteered", and coded as 1 if the respondent answered paid work, unpaid work or volunteer.

RwWKVLNTRMN indicates the number of minutes the respondent worked or volunteered yesterday and is provided as a continuous value. The respondent can report the number of hours and number of minutes, which have been adjusted to provide the total number of minutes. If the respondent did not work or volunteer yesterday, then RwWKVLNTRMN is set to 0.

RwWKVHPYA, RwWKVINTA, RwWKVFRSA, RwWKVSADA, and RwWKVSAD are variables indicating how the respondent felt when the respondent was working or volunteering yesterday. RwWKVHPYA indicates how happy the respondent felt. RwWKVINTA indicates how interested the respondent felt. RwWKVFRSA indicates how frustrated the respondent felt. RwWKVSADA indicates how sad the respondent felt. RwWKVHPYA, RwWKVINTA, RwWKVFRSA, and RwWKVSADA have scores ranging from 1 to 6, where 1 indicates they did not experience the feeling at all and 6 indicates the feeling was extremely strong. RwWKVPOS2A indicates the mean of the two activity-related positive affects in six-point scale (RwWKVHPYA and RwWKVINTA) and can be used as a summary score. RwWKVNEG2A indicates the mean of the two activity-related negative affects in six-point scale (RwWKVFRSA and RwWKVSADA) and can be used as a summary score. RwWKVPOS2A and RwWKVNEG2A are calculated for any respondent with no missing values for its two components.

The experimental module included 4 subsections and the respondent was randomly assigned to one subsection. If the respondent was selected for a different subsection, then these variables are assigned special missing .a. Within this subsection, the respondent was randomly selected to respond to 3 activities, so if the activity was not among those selected, then these variables are assigned special missing .b. Don't know, refused, or otherwise missing responses to RwWKVLNTR, RwWKVLNTRMN, RwWKVHPYA, RwWKVINTA, RwWKVFRSA, RwWKVSADA, RwWKVPOS2A, and RwWKVNEG2A are assigned special missing values .d, .r, .m, respectively. If the respondent did not work or volunteer, then RwWKVHPYA, RwWKVINTA, RwWKVFRSA, RwWKVSADA, RwWKVPOS2A, and RwWKVNEG2A are assigned special missing value .x. RwWKVLNTR, RwWKVLNTRMN, RwWKVHPYA, RwWKVINTA, RwWKVFRSA, RwWKVSADA, RwWKVPOS2A, and RwWKVNEG2A are assigned special missing .p if these questions were skipped because the interview was by proxy. All of these variables are set to plain missing (.) for respondents who did not respond to the current wave.

SwWKVLNTR and SwWKVLNTRMN indicate whether and for how many minutes the respondent's spouse worked or volunteered yesterday, and their values are taken directly from the spouse's RwWKVLNTR and RwWKVLNTRMN. SwWKVHPYA, SwWKVINTA, SwWKVFRSA, and SwWKVSADA are variables indicating how the respondent's spouse felt when the respondent's spouse was working or volunteering yesterday, and their values are taken directly from the spouse's responses to RwWKVHPYA, RwWKVINTA, RwWKVFRSA, and RwWKVSADA. SwWKVPOS2A and SwWKVNEG2A are the respondent's spouse's scores of the two-component activity-related positive affect and negative affect summaries, and their values are taken directly from the spouse's responses to RwWKVPOS2A and RwWKVNEG2A. In addition to the special missing codes used in the respondent variables, the spouse variables 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.

RwWALKEX indicates whether the respondent walked or exercised yesterday, and is coded as 0 for no, and 1 for yes.

RwWALKEXMN indicates the number of minutes the respondent walked or exercised yesterday and is provided as a continuous value. The respondent can report the number of hours and number of minutes, which have

been adjusted to provide the total number of minutes. If the respondent did not walk or exercise yesterday, then `RwWALKEXMN` is set to 0.

`RwEXRHPYA`, `RwEXRINTA`, `RwEXRFRSA`, and `RwEXRSADA` are variables indicating how the respondent felt when the respondent was walking or exercising yesterday. `RwEXRHPYA` indicates how happy the respondent felt. `RwEXRINTA` indicates how interested the respondent felt. `RwEXRFRSA` indicates how frustrated the respondent felt. `RwEXRSADA` indicates how sad the respondent felt. `RwEXRHPYA`, `RwEXRINTA`, `RwEXRFRSA`, and `RwEXRSADA` have scores ranging from 1 to 6, where 1 indicates they did not experience the feeling at all and 6 indicates the feeling was extremely strong. `RwEXRPOS2A` indicates the mean of the two activity-related positive affects in six-point scale (`RwEXRHPYA` and `RwEXRINTA`) and can be used as a summary score. `RwEXRNEG2A` indicates the mean of the two activity-related negative affects in six-point scale (`RwEXRFRSA` and `RwEXRSADA`) and can be used as a summary score. `RwEXRPOS2A` and `RwEXRNEG2A` are calculated for any respondent with no missing values for its two components.

The experimental module included 4 subsections and the respondent was randomly assigned to one subsection. If the respondent was selected for a different subsection, then these variables are assigned special missing .a. Within this subsection, the respondent was randomly selected to respond to 3 activities, so if the activity was not among those selected, then these variables are assigned special missing .b. Don't know, refused, or otherwise missing responses to `RwWALKEX`, `RwWALKEXMN`, `RwEXRHPYA`, `RwEXRINTA`, `RwEXRFRSA`, `RwEXRSADA`, `RwEXRPOS2A`, and `RwEXRNEG2A` are assigned special missing values .d, .r, .m, respectively. If the respondent did not walk or exercise, then `RwEXRHPYA`, `RwEXRINTA`, `RwEXRFRSA`, `RwEXRSADA`, `RwEXRPOS2A`, and `RwEXRNEG2A` are assigned special missing value .x. `RwWALKEX`, `RwWALKEXMN`, `RwEXRHPYA`, `RwEXRINTA`, `RwEXRFRSA`, `RwEXRSADA`, `RwEXRPOS2A`, and `RwEXRNEG2A` are assigned special missing .p if these questions were skipped because the interview was by proxy. All of these variables are set to plain missing (.) for respondents who did not respond to the current wave.

`SwWALKEX` and `SwWALKEXMN` indicate whether and for how many minutes the respondent's spouse walked or exercised yesterday, and their values are taken directly from the spouse's `RwWALKEX` and `RwWALKEXMN`. `SwEXRHPYA`, `SwEXRINTA`, `SwEXRFRSA`, and `SwEXRSADA` are variables indicating how the respondent's spouse felt when the respondent's spouse was walking or exercising yesterday, and their values are taken directly from the spouse's responses to `RwEXRHPYA`, `RwEXRINTA`, `RwEXRFRSA`, and `RwEXRSADA`. `SwEXRPOS2A` and `SwEXRNEG2A` are the respondent's spouse's scores of the two-component activity-related positive affect and negative affect summaries, and their values are taken directly from the spouse's responses to `RwEXRPOS2A` and `RwEXRNEG2A`. In addition to the special missing codes used in the respondent variables, the spouse variables 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.

`RwHLTHAC` indicates whether the respondent did health-related activities yesterday, and is coded as 0 for no, and 1 for yes.

`RwHLTHACMN` indicates the number of minutes the respondent did health-related activities yesterday and is provided as a continuous value. The respondent can report the number of hours and number of minutes, which have been adjusted to provide the total number of minutes. If the respondent did not do health-related activities yesterday, then `RwHLTHACMN` is set to 0.

`RwHLTHPYA`, `RwHLTINTA`, `RwHLTFRSA`, and `RwHLTSADA` are variables indicating how the respondent felt when the respondent was doing health-related activities yesterday. `RwHLTHPYA` indicates how happy the respondent felt. `RwHLTINTA` indicates how interested the respondent felt. `RwHLTFRSA` indicates how frustrated the respondent felt. `RwHLTSADA` indicates how sad the respondent felt. `RwHLTHPYA`, `RwHLTINTA`, `RwHLTFRSA`, and `RwHLTSADA` have scores ranging from 1 to 6, where 1 indicates they did not experience the feeling at all and 6 indicates the feeling was extremely strong. `RwHLTPOS2A` indicates the mean of the two activity-related positive affects in six-point scale (`RwHLTHPYA` and `RwHLTINTA`) and can be used as a summary score. `RwHLTNEG2A` indicates the mean of the two activity-related negative affects in six-point scale (`RwHLTFRSA` and `RwHLTSADA`) and can be used as a summary score. `RwHLTPOS2A` and `RwHLTNEG2A` are calculated for any respondent with no missing values for its two components.

The experimental module included 4 subsections and the respondent was randomly assigned to one subsection. If the respondent was selected for a different subsection, then these variables are assigned special missing .a. Within this subsection, the respondent was randomly selected to respond to 3 activities, so if the activity was not among those selected, then these variables are assigned special missing .b. Don't know, refused, or otherwise missing responses to `RwHLTHAC`, `RwHLTHACMN`, `RwHLTHPYA`, `RwHLTINTA`, `RwHLTFRSA`, `RwHLTSADA`, `RwHLTPOS2A`, and `RwHLTNEG2A` are assigned special missing values .d, .r,

.m, respectively. If the respondent did not do health-related activities, then RwHLTHPYA, RwHLTINTA, RwHLTFRSA, RwHLTSADA, RwHLTPOS2A, and RwHLTNEG2A are assigned special missing value .x. RwHLTHAC, RwHLTHACMN, RwHLTHPYA, RwHLTINTA, RwHLTFRSA, RwHLTSADA, RwHLTPOS2A, and RwHLTNEG2A are assigned special missing .p if these questions were skipped because the interview was by proxy. All of these variables are set to plain missing (.) for respondents who did not respond to the current wave.

SwHLTHAC and SwHLTHACMN indicate whether and for how many minutes the respondent's spouse did health-related activities yesterday, and their values are taken directly from the spouse's RwHLTHAC and RwHLTHACMN. SwHLTHPYA, SwHLTINTA, SwHLTFRSA, and SwHLTSADA are variables indicating how the respondent's spouse felt when the respondent's spouse was doing health-related activities yesterday, and their values are taken directly from the spouse's responses to RwHLTHPYA, RwHLTINTA, RwHLTFRSA, and RwHLTSADA. SwHLTPOS2A and SwHLTNEG2A are the respondent's spouse's scores of the two-component activity-related positive affect and negative affect summaries, and their values are taken directly from the spouse's responses to RwHLTPOS2A and RwHLTNEG2A. In addition to the special missing codes used in the respondent variables, the spouse variables 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.

RwTRVLCOM indicates whether the respondent traveled or commuted yesterday, and is coded as 0 for no, and 1 for yes.

RwTRVLCOMM indicates the number of minutes the respondent traveled or commuted yesterday and is provided as a continuous value. The respondent can report the number of hours and number of minutes, which have been adjusted to provide the total number of minutes. If the respondent did not travel or commute yesterday, then RwTRVLCOMM is set to 0.

RwTRVHPYA, RwTRVINTA, RwTRVFRSA, and RwTRVSADA are variables indicating how the respondent felt when the respondent was traveling or commuting yesterday. RwTRVHPYA indicates how happy the respondent felt. RwTRVINTA indicates how interested the respondent felt. RwTRVFRSA indicates how frustrated the respondent felt. RwTRVSADA indicates how sad the respondent felt. RwTRVHPYA, RwTRVINTA, RwTRVFRSA, and RwTRVSADA have scores ranging from 1 to 6, where 1 indicates they did not experience the feeling at all and 6 indicates the feeling was extremely strong. RwTRVPOS2A indicates the mean of the two activity-related positive affects in six-point scale (RwTRVHPYA and RwTRVINTA) and can be used as a summary score. RwTRVNEG2A indicates the mean of the two activity-related negative affects in six-point scale (RwTRVFRSA and RwTRVSADA) and can be used as a summary score. RwTRVPOS2A and RwTRVNEG2A are calculated for any respondent with no missing values for its two components.

The experimental module included 4 subsections and the respondent was randomly assigned to one subsection. If the respondent was selected for a different subsection, then these variables are assigned special missing .a. Within this subsection, the respondent was randomly selected to respond to 3 activities, so if the activity was not among those selected, then these variables are assigned special missing .b. Don't know, refused, or otherwise missing responses to RwTRVLCOM, RwTRVLCOMM, RwTRVHPYA, RwTRVINTA, RwTRVFRSA, RwTRVSADA, RwTRVPOS2A, and RwTRVNEG2A are assigned special missing values .d, .r, .m, respectively. If the respondent did not travel or commute, then RwTRVHPYA, RwTRVINTA, RwTRVFRSA, RwTRVSADA, RwTRVPOS2A, and RwTRVNEG2A are assigned special missing value .x. RwTRVLCOM, RwTRVLCOMM, RwTRVHPYA, RwTRVINTA, RwTRVFRSA, RwTRVSADA, RwTRVPOS2A, and RwTRVNEG2A are assigned special missing .p if these questions were skipped because the interview was by proxy. All of these variables are set to plain missing (.) for respondents who did not respond to the current wave.

SwTRVLCOM and SwTRVLCOMM indicate whether and for how many minutes the respondent's spouse traveled or commuted yesterday, and their values are taken directly from the spouse's RwTRVLCOM and RwTRVLCOMM. SwTRVHPYA, SwTRVINTA, SwTRVFRSA, and SwTRVSADA are variables indicating how the respondent's spouse felt when the respondent's spouse was traveling or commuting yesterday, and their values are taken directly from the spouse's responses to RwTRVHPYA, RwTRVINTA, RwTRVFRSA, and RwTRVSADA. SwTRVPOS2A and SwTRVNEG2A are the respondent's spouse's scores of the two-component activity-related positive affect and negative affect summaries, and their values are taken directly from the spouse's responses to RwTRVPOS2A and RwTRVNEG2A. In addition to the special missing codes used in the respondent variables, the spouse variables 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.

RwTMFRND indicates whether the respondent spent time with friends yesterday, and is coded as 0 for no, and 1 for yes.

RwTMFRNDMN indicates the number of minutes the respondent spent time with friends yesterday and is provided as a continuous value. The respondent can report the number of hours and number of minutes, which have been adjusted to provide the total number of minutes. If the respondent did not spend time with friends yesterday, then RwTMFRNDMN is set to 0.

RwFRNHPYA, RwFRNINTA, RwFRNFRSA, and RwFRNSADA are variables indicating how the respondent felt when the respondent was spending time with friends yesterday. RwFRNHPYA indicates how happy the respondent felt. RwFRNINTA indicates how interested the respondent felt. RwFRNFRSA indicates how frustrated the respondent felt. RwFRNSADA indicates how sad the respondent felt. RwFRNHPYA, RwFRNINTA, RwFRNFRSA, and RwFRNSADA have scores ranging from 1 to 6, where 1 indicates they did not experience the feeling at all and 6 indicates the feeling was extremely strong. RwFRNPOS2A indicates the mean of the two activity-related positive affects in six-point scale (RwFRNHPYA and RwFRNINTA) and can be used as a summary score. RwFRNNEG2A indicates the mean of the two activity-related negative affects in six-point scale (RwFRNFRSA and RwFRNSADA) and can be used as a summary score. RwFRNPOS2A and RwFRNNEG2A are calculated for any respondent with no missing values for its two components.

The experimental module included 4 subsections and the respondent was randomly assigned to one subsection. If the respondent was selected for a different subsection, then these variables are assigned special missing .a. Within this subsection, the respondent was randomly selected to respond to 3 activities, so if the activity was not among those selected, then these variables are assigned special missing .b. Don't know, refused, or otherwise missing responses to RwTMFRND, RwTMFRNDMN, RwFRNHPYA, RwFRNINTA, RwFRNFRSA, RwFRNSADA, RwFRNPOS2A, and RwFRNNEG2A are assigned special missing values .d, .r, .m, respectively. If the respondent did not spend time with friends, then RwFRNHPYA, RwFRNINTA, RwFRNFRSA, RwFRNSADA, RwFRNPOS2A, and RwFRNNEG2A are assigned special missing value .x. RwTMFRND, RwTMFRNDMN, RwFRNHPYA, RwFRNINTA, RwFRNFRSA, RwFRNSADA, RwFRNPOS2A, and RwFRNNEG2A are assigned special missing .p if these questions were skipped because the interview was by proxy. All of these variables are set to plain missing (.) for respondents who did not respond to the current wave.

SwTMFRND and SwTMFRNDMN indicate whether and for how many minutes the respondent's spouse spent time with friends yesterday, and their values are taken directly from the spouse's RwTMFRND and RwTMFRNDMN. SwFRNHPYA, SwFRNINTA, SwFRNFRSA, and SwFRNSADA are variables indicating how the respondent's spouse felt when the respondent's spouse was spending time with friends yesterday, and their values are taken directly from the spouse's responses to RwFRNHPYA, RwFRNINTA, RwFRNFRSA, and RwFRNSADA. SwFRNPOS2A and SwFRNNEG2A are the respondent's spouse's scores of the two-component activity-related positive affect and negative affect summaries, and their values are taken directly from the spouse's responses to RwFRNPOS2A and RwFRNNEG2A. In addition to the special missing codes used in the respondent variables, the spouse variables 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.

RwTMSELF indicates whether the respondent spent time home by themselves yesterday, and is coded as 0 for no, and 1 for yes.

RwTMSELFMN indicates the number of minutes the respondent spent time home by themselves yesterday and is provided as a continuous value. The respondent can report the number of hours and number of minutes, which have been adjusted to provide the total number of minutes. If the respondent did not spend time home by themselves yesterday, then RwTMSELFMN is set to 0.

RwSLFHPYA, RwSLFINTA, RwSLFFRSA, and RwSLFSADA are variables indicating how the respondent felt when the respondent was spending time home by themselves yesterday. RwSLFHPYA indicates how happy the respondent felt. RwSLFINTA indicates how interested the respondent felt. RwSLFFRSA indicates how frustrated the respondent felt. RwSLFSADA indicates how sad the respondent felt. RwSLFHPYA, RwSLFINTA, RwSLFFRSA, and RwSLFSADA have scores ranging from 1 to 6, where 1 indicates they did not experience the feeling at all and 6 indicates the feeling was extremely strong. RwSLFPOS2A indicates the mean of the two activity-related positive affects in six-point scale (RwSLFHPYA and RwSLFINTA) and can be used as a summary score. RwSLFNEG2A indicates the mean of the two activity-related negative affects in six-point scale (RwSLFFRSA and RwSLFSADA) and can be used as a summary score. RwSLFPOS2A and RwSLFNEG2A are calculated for any respondent with no missing values for its two components.

The experimental module included 4 subsections and the respondent was randomly assigned to one subsection. If the respondent was selected for a different subsection, then these variables are assigned special missing .a. Don't know, refused, or otherwise missing responses to RwTMSELF, RwTMSELFMN,

RwSLFHPYA, RwSLFINTA, RwSLFFRSA, RwSLFSADA, RwSLFPOS2A, and RwSLFNEG2A are assigned special missing values .d, .r, .m, respectively. If the respondent did not spend time home by themselves, then RwSLFHPYA, RwSLFINTA, RwSLFFRSA, RwSLFSADA, RwSLFPOS2A, and RwSLFNEG2A are assigned special missing value .x. RwtMSELF, RwtMSELFmn, RwSLFHPYA, RwSLFINTA, RwSLFFRSA, RwSLFSADA, RwSLFPOS2A, and RwSLFNEG2A are assigned special missing .p if these questions were skipped because the interview was by proxy. All of these variables are set to plain missing (.) for respondents who did not respond to the current wave.

SwTMSELF and SwTMSELFmn indicate whether and for how many minutes the respondent's spouse spent time home by themselves yesterday, and their values are taken directly from the spouse's RwtMSELF and RwtMSELFmn. SwSLFHPYA, SwSLFINTA, SwSLFFRSA, and SwSLFSADA are variables indicating how the respondent's spouse felt when the respondent's spouse was spending time home by themselves yesterday, and their values are taken directly from the spouse's responses to RwSLFHPYA, RwSLFINTA, RwSLFFRSA, and RwSLFSADA. SwSLFPOS2A and SwSLFNEG2A are the respondent's spouse's scores of the two-component activity-related positive affect and negative affect summaries, and their values are taken directly from the spouse's responses to RwSLFPOS2A and RwSLFNEG2A. In addition to the special missing codes used in the respondent variables, the spouse variables 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Comparable measures for participating in activities and time spent participating in activities yesterday are included in the Harmonized HRS. The HRS also collects how the respondent felt doing each activity yesterday, but on a scale from 0 to 6, whereas the LASI uses a scale from 1 to 6. As such, the variables indicating the respondent's feelings doing the activity yesterday are not strictly comparable.

LASI Variables Used

Wave 1 Core:

EE001	Number of times likely to win
ES001_1	Remembering names of people with whom most time
EV001	Overall in last 30 days, bodily aches or pain di
TU010	Watched TV on previous day
TU011_HOUR	Time spend in hours watching TV previous day
TU011_MINUTE	Time spend in minutes watching TV previous day
TU013_1	Feeling during watching TV on previous day_happy
TU013_2	Feeling during watching TV on previous day_inter
TU013_3	Feeling during watching TV on previous day_frust
TU013_4	Feeling during watching TV on previous day_sad
TU014	Working or Volunteer on previous day
TU017_HOUR	Time spent on working and volunteering on previo
TU017_MINUTE	Time spent on working and volunteering on previo
TU018_1	Feeling while working or volunteering on previou
TU018_2	Feeling while working or volunteering on previou
TU018_3	Feeling while working or volunteering on previou
TU018_4	Feeling while working or volunteering on previou
TU020	Walk or do any other exercise on previous day
TU021_HOUR	Time spent walking or exercise on previous day-
TU021_MINUTE	Time spent on walking or exercising on previous
TU022_1	Feeling of walking or exercise on previous day_h
TU022_2	Feeling of walking or exercise on previous day_i
TU022_3	Feeling of walking or exercise on previous day_f
TU022_4	Feeling of walking or exercise on previous day_s
TU024	Healthcare related activities other than walking
TU025_HOUR	Time spent on healthcare-related activities on p
TU025_MINUTE	Time spent on healthcare-related activities on p
TU026_1	Feeling while doing healthcare related activitie
TU026_2	Feeling while doing healthcare related activitie

TU026_3	Feeling while doing healthcare related activitie
TU026_4	Feeling while doing healthcare related activitie
TU028	Travelling or commuting on previous day
TU029_HOUR	Time spent in travelling or commuting on previou
TU029_MINUTE	Time spent on travelling or commuting on previou
TU030_1	Feeling of travelling or commuting on previous d
TU030_2	Feeling of travelling or commuting on previous d
TU030_3	Feeling of travelling or commuting on previous d
TU030_4	Feeling of travelling or commuting on previous d
TU032	Scocializing with friends or family on previous
TU033_HOUR	Time spent with friends and family on previous d
TU033_MINUTE	Time spent with friends and family on previous d
TU034_1	Feeling while being with friends or family on pr
TU034_2	Feeling while being with friends or family on pr
TU034_3	Feeling while being with friends or family on pr
TU034_4	Feeling while being with friends or family on pr
TU036	Time spent at home alone on previous day
TU037_HOUR	Time spent alone at home on previous day - hours
TU037_MINUTE	Time spent alone at home on previous day-minutes
TU038_1	Feeling of being alone at home on previous day_h
TU038_2	Feeling of being alone at home on previous day_i
TU038_3	Feeling of being alone at home on previous day_f
TU038_4	Feeling of being alone at home on previous day_s

Cantril Ladder

Wave	Variable	Label	Type
1	R1CANTRIL	rlcantril:w1 r cantril ladder rating	Cont
1	S1CANTRIL	slcantril:w1 s cantril ladder rating	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1CANTRIL	71264	4.46	1.96	1.00	10.00
S1CANTRIL	49120	4.53	1.95	1.00	10.00

How Constructed

RwCANTRIL is the respondent's rating of their place in society when they are shown an image of a ladder with 10 steps. The respondent is given the following prompt, "Think of this ladder as representing where people stand in our society. At the top of the ladder are the people who are the best off - those who have the most money, most education and best jobs. At the bottom are the people who are the worst off - who have the least money, least education, and the worst jobs or no jobs. The higher up you are on this ladder, the closer you are to the people at the very top and the lower you are, the closer you are to the people at the very bottom of your society. Please indicate the number given on the rung on the ladder where you would place yourself." It is scored with a range of 1 to 10, where a 1 indicates the lowest step on the ladder and a 10 indicates the highest step on the ladder. This question is not asked if the interview is completed by proxy, in which case these variables are assigned special missing code .p. Don't know, refused, or other missing values are assigned special missing codes .d, .r, .m, respectively. RwCANTRIL is set to plain missing (.) for respondents who did not respond to the current wave.

SwCANTRIL is the respondent's spouse's rating of their place in society, and their values are taken directly from the spouse's responses to RwCANTRIL. In addition to the special missing codes used in RwCANTRIL, SwCANTRIL 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

A comparable measure is provided in the Harmonized HRS.

LASI Variables Used

Wave 1 Core:	
FS612	ladder representation

Day Reconstruction

Wave	Variable	Label	Type
1	R1DRDAY	r1drday:w1 r day reconstruction day of week	Categ
1	S1DRDAY	s1drday:w1 s day reconstruction day of week	Categ
1	R1DRWAKETM	r1drwaketm:w1 r day reconstruction time woke up	Categ
1	S1DRWAKETM	s1drwaketm:w1 s day reconstruction time woke up	Categ
1	R1DRSLEEPTM	r1drsleeptm:w1 r day reconstruction time went to sleep	Categ
1	S1DRSLEEPTM	s1drsleeptm:w1 s day reconstruction time went to sleep	Categ
1	R1DRWLRSTD	r1drwlrstd:w1 r day reconstruction felt well-rested in am	Categ
1	S1DRWLRSTD	s1drwlrstd:w1 s day reconstruction felt well-rested in am	Categ
1	R1DRNRMLDAY	r1drnrmlday:w1 r day reconstruction normal day	Categ
1	S1DRNRMLDAY	s1drnrmlday:w1 s day reconstruction normal day	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1DRDAY	17931	3.96	1.99	1.00	7.00
S1DRDAY	12414	3.95	1.98	1.00	7.00
R1DRWAKETM	18082	24409.83	12736.71	0.00	86340.00
S1DRWAKETM	12467	24292.98	12772.17	0.00	86340.00
R1DRSLEEPTM	17925	51938.93	22652.95	0.00	86340.00
S1DRSLEEPTM	12364	52205.35	22727.06	0.00	86340.00
R1DRWLRSTD	18127	0.74	0.44	0.00	1.00
S1DRWLRSTD	12495	0.75	0.43	0.00	1.00
R1DRNRMLDAY	18123	2.00	0.25	1.00	3.00
S1DRNRMLDAY	12494	2.00	0.24	1.00	3.00

Categorical Variable Codes

Value-----	R1DRDAY
.a:skipped-subsection	53353
.d:DK	206
.m:Missing	1193
.p:Proxy	715
.r:Refuse	10
1.Monday	2597
2.Tuesday	2579
3.Wednesday	2615
4.Thursday	2658
5.Friday	2637

6.Saturday		2342
7.Sunday		2503
Value-----		S1DRDAY
.a:skipped-subsection		36730
.d:DK		86
.m:Missing		626
.p:Proxy		289
.r:Refuse		7
.u:Unmar		16594
.v:SP NR		6662
1.Monday		1799
2.Tuesday		1801
3.Wednesday		1817
4.Thursday		1858
5.Friday		1819
6.Saturday		1634
7.Sunday		1686
Value-----		R1DRWLRSTD
.a:skipped-subsection		53353
.d:DK		21
.m:Missing		1191
.p:Proxy		715
.r:Refuse		1
0.no		4662
1.yes		13465
Value-----		S1DRWLRSTD
.a:skipped-subsection		36730
.d:DK		13
.m:Missing		624
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
0.no		3117
1.yes		9378
Value-----		R1DRNRMLDAY
.a:skipped-subsection		53353
.d:DK		22
.m:Missing		1191
.p:Proxy		715
.r:Refuse		4
1.unusually good		526
2.normal		17035
3.unusually bad		562
Value-----		S1DRNRMLDAY
.a:skipped-subsection		36730
.d:DK		13
.m:Missing		624
.p:Proxy		289
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
1.unusually good		371
2.normal		11749
3.unusually bad		374

How Constructed

The following variables pertain to the respondent's experience yesterday. The respondent is given the following prompt, "Now, I am going to ask few questions about how you spent your time and how you felt yesterday, [yesterday's day & date]. Please try to answer as honestly as you can."

RwDRDAY indicates the day of the week yesterday, and is coded as follows: 1.Monday, 2.Tuesday, 3.Wednesday, 4.Thursday, 5.Friday, 6.Saturday, 7.Sunday.

RwDRWAKETM and RwDRSLEEPTM indicate the time the respondent woke up and went to sleep at the end of the day yesterday, respectively, and are provided as continuous values.

RwDRWLRSTD indicates whether the respondent felt well-rested yesterday morning (that is they slept well the night before). RwDRWLRSTD is coded as 0 for no, and 1 for yes.

RwDRNRMLDAY indicates whether yesterday was a normal day for the respondent or if something unusual happened. RwDRNRMLDAY is coded as follows: 1.No, my day included unusual good things, 2.Yes, just a normal day, 3.No, my day included unusual bad (stressful) things.

The experimental module included 4 subsections and the respondent was randomly assigned to one subsection. If the respondent was selected for a different subsection, then these variables are assigned special missing .a. Don't know, refused, or other missing values are assigned special missing codes .d, .r, .m, respectively. RwDRDAY, RwDRWAKETM, RwDRSLEEPTM, RwDRWLRSTD, and RwDRNRMLDAY are assigned special missing .p if these questions were skipped because the interview was by proxy. These variables are set to plain missing (.) for respondents who did not respond to the current wave.

SwDRDAY, SwDRWAKETM, SwDRSLEEPTM, SwDRWLRSTD, and SwDRNRMLDAY are variables indicating the respondent's spouse's experience yesterday, and their values are taken directly from the spouse's responses to RwDRDAY, RwDRWAKETM, RwDRSLEEPTM, RwDRWLRSTD, and RwDRNRMLDAY. In addition to the special missing codes used in the respondent variables, the spouse variables 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Comparable measures are available in the Harmonized HRS.

LASI Variables Used

Wave 1 Core:

EE001	Number of times likely to win
ES001_1	Remembering names of people with whom most time
EV001	Overall in last 30 days, bodily aches or pain di
TU001	Respondent woke up today
TU002	Respondent sleep yesterday
TU003	Normal day for you or something unusual happen
TU004	Which day of week_yesterday
TU008	slept well on previous night

Overall Experienced Well-being Yesterday

Wave	Variable	Label	Type
1	R1YDFRUST	rlydfrust:w1 r felt frustrated yesterday	Categ
1	S1YDFRUST	slydfrust:w1 s felt frustrated yesterday	Categ
1	R1YDSAD	rlydsad:w1 r felt sad yesterday	Categ
1	S1YDSAD	slydsad:w1 s felt sad yesterday	Categ
1	R1YDENTHU	rlydenthu:w1 r felt enthusiastic yesterday	Categ
1	S1YDENTHU	slydenthu:w1 s felt enthusiastic yesterday	Categ
1	R1YDLONELY	rlydlonely:w1 r felt lonely yesterday	Categ
1	S1YDLONELY	slydlonely:w1 s felt lonely yesterday	Categ
1	R1YDCONTENT	rlydcontent:w1 r felt content yesterday	Categ
1	S1YDCONTENT	slydcontent:w1 s felt content yesterday	Categ
1	R1YDWORRY	rlydworry:w1 r felt worried yesterday	Categ
1	S1YDWORRY	slydworry:w1 s felt worried yesterday	Categ
1	R1YDBORED	rlydbored:w1 r felt bored yesterday	Categ
1	S1YDBORED	slydbored:w1 s felt bored yesterday	Categ
1	R1YDHAPPY	rlydhappy:w1 r felt happy yesterday	Categ
1	S1YDHAPPY	slydhappy:w1 s felt happy yesterday	Categ
1	R1YDANGRY	rlydangry:w1 r felt angry yesterday	Categ
1	S1YDANGRY	slydangry:w1 s felt angry yesterday	Categ
1	R1YDTIRED	rlydtired:w1 r felt tired yesterday	Categ
1	S1YDTIRED	slydtired:w1 s felt tired yesterday	Categ
1	R1YDSTRESS	rlydstress:w1 r felt stressed yesterday	Categ
1	S1YDSTRESS	slydstress:w1 s felt stressed yesterday	Categ
1	R1YDPAIN	rlydpain:w1 r felt pain yesterday	Categ
1	S1YDPAIN	slydpain:w1 s felt pain yesterday	Categ
1	R1OVEXPOS3	rlovexpos3:w1 r average score of experienced positive affect	Cont
1	S1OVEXPOS3	slovexpos3:w1 s average score of experienced positive affect	Cont
1	R1OVEXPOS3M	rlovexpos3m:w1 r average score of experienced positive affect	Cont
1	S1OVEXPOS3M	slovexpos3m:w1 s average score of experienced positive affect	Cont
1	R1OVEXNEG6	rlovexneg6:w1 r average score of experienced negative affect	Cont

1	S1OVEXNEG6	slovexneg6:w1 s average score of experienced negative affect	Cont
1	R1OVEXNEG6M	rlovexneg6m:w1 r average score of experienced negative affec	Cont
1	S1OVEXNEG6M	slovexneg6m:w1 s average score of experienced negative affec	Cont
1	R1OVEXPSY3	rlovexpsy3:w1 r average score of experienced psychosomatic s	Cont
1	S1OVEXPSY3	slovexpsy3:w1 s average score of experienced psychosomatic s	Cont
1	R1OVEXPSY3M	rlovexpsy3m:w1 r average score of experienced psychosomatic	Cont
1	S1OVEXPSY3M	slovexpsy3m:w1 s average score of experienced psychosomatic	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R1YDFRUST	18133	1.50	0.90	1.00	5.00
S1YDFRUST	12501	1.49	0.90	1.00	5.00
R1YDSAD	18133	1.56	0.95	1.00	5.00
S1YDSAD	12501	1.52	0.92	1.00	5.00
R1YDENTHU	18133	2.12	1.20	1.00	5.00
S1YDENTHU	12501	2.15	1.21	1.00	5.00
R1YDLONELY	18133	1.53	0.96	1.00	5.00
S1YDLONELY	12501	1.44	0.87	1.00	5.00
R1YDCONTENT	18133	2.36	1.29	1.00	5.00
S1YDCONTENT	12501	2.39	1.30	1.00	5.00
R1YDWORRY	18133	1.70	1.03	1.00	5.00
S1YDWORRY	12501	1.67	1.00	1.00	5.00
R1YDBORED	18133	1.62	1.00	1.00	5.00
S1YDBORED	12501	1.60	0.98	1.00	5.00
R1YDHAPPY	18133	2.76	1.31	1.00	5.00
S1YDHAPPY	12501	2.80	1.31	1.00	5.00
R1YDANGRY	18133	1.51	0.91	1.00	5.00
S1YDANGRY	12501	1.50	0.90	1.00	5.00
R1YDTIRED	18133	2.01	1.10	1.00	5.00
S1YDTIRED	12501	2.00	1.10	1.00	5.00
R1YDSTRESS	18133	1.63	1.00	1.00	5.00
S1YDSTRESS	12501	1.62	0.99	1.00	5.00

R1YDPAIN	18135	1.70	0.97	1.00	5.00
S1YDPAIN	12498	1.67	0.95	1.00	5.00
R1OVEXPOS3	18133	2.41	1.03	1.00	5.00
S1OVEXPOS3	12501	2.45	1.04	1.00	5.00
R1OVEXPOS3M	73408	2.26	1.29	0.00	3.00
S1OVEXPOS3M	50152	2.25	1.30	0.00	3.00
R1OVEXNEG6	18133	1.57	0.71	1.00	5.00
S1OVEXNEG6	12501	1.54	0.69	1.00	5.00
R1OVEXNEG6M	73408	4.52	2.59	0.00	6.00
S1OVEXNEG6M	50152	4.50	2.60	0.00	6.00
R1OVEXPSY3	18133	1.78	0.78	1.00	5.00
S1OVEXPSY3	12501	1.76	0.77	1.00	5.00
R1OVEXPSY3M	73408	2.26	1.29	0.00	3.00
S1OVEXPSY3M	50152	2.25	1.30	0.00	3.00

Categorical Variable Codes

Value-----	R1YDFRUST
.a:skipped-subsection	53353
.d:DK	13
.m:Missing	1191
.p:Proxy	715
.r:Refuse	3
1.not at all	12649
2.a little	3150
3.somewhat	1384
4.quite a bit	646
5.very	304
Value-----	S1YDFRUST
.a:skipped-subsection	36730
.d:DK	7
.m:Missing	624
.p:Proxy	289
.r:Refuse	1
.u:Unmar	16594
.v:SP NR	6662
1.not at all	8807
2.a little	2140
3.somewhat	916
4.quite a bit	429
5.very	209
Value-----	R1YDSAD
.a:skipped-subsection	53353
.d:DK	13
.m:Missing	1191
.p:Proxy	715
.r:Refuse	3
1.not at all	12142
2.a little	3214
3.somewhat	1717
4.quite a bit	686

5.very		374
--------	--	-----

Value-----		S1YDSAD
.a:skipped-subsection		36730
.d:DK		7
.m:Missing		624
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.not at all		8631
2.a little		2125
3.somewhat		1072
4.quite a bit		447
5.very		226

Value-----		R1YDENTHU
.a:skipped-subsection		53353
.d:DK		13
.m:Missing		1191
.p:Proxy		715
.r:Refuse		3
1.not at all		7559
2.a little		4478
3.somewhat		3393
4.quite a bit		1763
5.very		940

Value-----		S1YDENTHU
.a:skipped-subsection		36730
.d:DK		7
.m:Missing		624
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.not at all		5113
2.a little		3061
3.somewhat		2378
4.quite a bit		1266
5.very		683

Value-----		R1YDLONELY
.a:skipped-subsection		53353
.d:DK		13
.m:Missing		1191
.p:Proxy		715
.r:Refuse		3
1.not at all		12708
2.a little		2818
3.somewhat		1477
4.quite a bit		721
5.very		409

Value-----		S1YDLONELY
.a:skipped-subsection		36730
.d:DK		7
.m:Missing		624
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.not at all		9265
2.a little		1717
3.somewhat		927
4.quite a bit		413
5.very		179

Value-----		R1YDCONTENT
.a:skipped-subsection		53353
.d:DK		13

.m:Missing		1191
.p:Proxy		715
.r:Refuse		3
1.not at all		6277
2.a little		4259
3.somewhat		3840
4.quite a bit		2272
5.very		1485

Value-----		S1YDCONTENT
.a:skipped-subsection		36730
.d:DK		7
.m:Missing		624
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.not at all		4234
2.a little		2929
3.somewhat		2631
4.quite a bit		1621
5.very		1086

Value-----		R1YDWORRY
.a:skipped-subsection		53353
.d:DK		13
.m:Missing		1191
.p:Proxy		715
.r:Refuse		3
1.not at all		10794
2.a little		3845
3.somewhat		2083
4.quite a bit		926
5.very		485

Value-----		S1YDWORRY
.a:skipped-subsection		36730
.d:DK		7
.m:Missing		624
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.not at all		7608
2.a little		2622
3.somewhat		1393
4.quite a bit		582
5.very		296

Value-----		R1YDBORED
.a:skipped-subsection		53353
.d:DK		13
.m:Missing		1191
.p:Proxy		715
.r:Refuse		3
1.not at all		11681
2.a little		3334
3.somewhat		1875
4.quite a bit		823
5.very		420

Value-----		S1YDBORED
.a:skipped-subsection		36730
.d:DK		7
.m:Missing		624
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.not at all		8154
2.a little		2273

3.somewhat		1258
4.quite a bit		557
5.very		259

Value-----		R1YDHAPPY
.a:skipped-subsection		53353
.d:DK		13
.m:Missing		1191
.p:Proxy		715
.r:Refuse		3
1.not at all		3970
2.a little		4125
3.somewhat		4588
4.quite a bit		3224
5.very		2226

Value-----		S1YDHAPPY
.a:skipped-subsection		36730
.d:DK		7
.m:Missing		624
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.not at all		2621
2.a little		2778
3.somewhat		3196
4.quite a bit		2302
5.very		1604

Value-----		R1YDANGRY
.a:skipped-subsection		53353
.d:DK		13
.m:Missing		1191
.p:Proxy		715
.r:Refuse		3
1.not at all		12585
2.a little		3098
3.somewhat		1496
4.quite a bit		654
5.very		300

Value-----		S1YDANGRY
.a:skipped-subsection		36730
.d:DK		7
.m:Missing		624
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.not at all		8692
2.a little		2132
3.somewhat		1052
4.quite a bit		438
5.very		187

Value-----		R1YDTIRED
.a:skipped-subsection		53353
.d:DK		13
.m:Missing		1191
.p:Proxy		715
.r:Refuse		3
1.not at all		7622
2.a little		5405
3.somewhat		3093
4.quite a bit		1364
5.very		649

Value-----		S1YDTIRED
.a:skipped-subsection		36730
.d:DK		7

.m:Missing		624
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.not at all		5254
2.a little		3746
3.somewhat		2144
4.quite a bit		924
5.very		433

Value-----		R1YDSTRESS
.a:skipped-subsection		53353
.d:DK		13
.m:Missing		1191
.p:Proxy		715
.r:Refuse		3
1.not at all		11532
2.a little		3521
3.somewhat		1788
4.quite a bit		849
5.very		443

Value-----		S1YDSTRESS
.a:skipped-subsection		36730
.d:DK		7
.m:Missing		624
.p:Proxy		289
.r:Refuse		1
.u:Unmar		16594
.v:SP NR		6662
1.not at all		8008
2.a little		2406
3.somewhat		1220
4.quite a bit		579
5.very		288

Value-----		R1YDPAIN
.a:skipped-subsection		53353
.d:DK		12
.m:Missing		1191
.p:Proxy		715
.r:Refuse		2
1.none		10035
2.a little		5052
3.some		1931
4.quite a bit		688
5.a lot		429

Value-----		S1YDPAIN
.a:skipped-subsection		36730
.d:DK		9
.m:Missing		624
.p:Proxy		289
.r:Refuse		2
.u:Unmar		16594
.v:SP NR		6662
1.none		7126
2.a little		3402
3.some		1253
4.quite a bit		447
5.a lot		270

How Constructed

The following variables pertain to the respondent's well-being yesterday. The respondent is given the following prompt, "Now, I am going to ask few questions about how you spent your time and how you felt yesterday, [yesterday's day & date]. Please try to answer as honestly as you can. The next questions are about how you felt yesterday. Yesterday did you feel...?"

RwYDFRUST indicates whether the respondent felt frustrated yesterday, and is coded as follows: 1.Not at all, 2.A little, 3.Somewhat, 4.Quite a bit, 5.Very.

RwYDSAD indicates whether the respondent felt sad yesterday, and is coded as follows: 1.Not at all, 2.A little, 3.Somewhat, 4.Quite a bit, 5.Very.

RwYDENTHU indicates whether the respondent felt enthusiastic yesterday, and is coded as follows: 1.Not at all, 2.A little, 3.Somewhat, 4.Quite a bit, 5.Very.

RwYDLONELY indicates whether the respondent felt lonely yesterday, and is coded as follows: 1.Not at all, 2.A little, 3.Somewhat, 4.Quite a bit, 5.Very.

RwYDCONTENT indicates whether the respondent felt content yesterday, and is coded as follows: 1.Not at all, 2.A little, 3.Somewhat, 4.Quite a bit, 5.Very.

RwYDWORRY indicates whether the respondent felt worried yesterday, and is coded as follows: 1.Not at all, 2.A little, 3.Somewhat, 4.Quite a bit, 5.Very.

RwYDBORED indicates whether the respondent felt bored yesterday, and is coded as follows: 1.Not at all, 2.A little, 3.Somewhat, 4.Quite a bit, 5.Very.

RwYDHAPPY indicates whether the respondent felt happy yesterday, and is coded as follows: 1.Not at all, 2.A little, 3.Somewhat, 4.Quite a bit, 5.Very.

RwYDANGRY indicates whether the respondent felt angry yesterday, and is coded as follows: 1.Not at all, 2.A little, 3.Somewhat, 4.Quite a bit, 5.Very.

RwYDTIRED indicates whether the respondent felt tired yesterday, and is coded as follows: 1.Not at all, 2.A little, 3.Somewhat, 4.Quite a bit, 5.Very.

RwYDSTRESS indicates whether the respondent felt stressed yesterday, and is coded as follows: 1.Not at all, 2.A little, 3.Somewhat, 4.Quite a bit, 5.Very.

RwYDPAIN indicates whether the respondent felt any pain yesterday, and is coded as follows: 1.None, 2.A little, 3.Some, 4.Quite a bit, 5.A lot.

RwOVEXPOS3 indicates the mean of the three positive affects experienced overall yesterday (RwYDENTHU, RwYDCONTENT and RwYDHAPPY) and can be used as a summary score. RwOVEXNEG6 indicates the mean of the six negative affects experienced overall yesterday (RwYDFRUST, RwYDSAD, RwYDLONELY, RwYDWORRY, RwYDBORED and RwYDANGRY) and can be used as a summary score. RwOVEXPSY3 indicates the mean of the three psychosomatic symptoms experienced overall yesterday (RwYDTIRED, RwYDSTRESS and RwYDPAIN) and can be used as a summary score. RwOVEXPOS3 is calculated if there are fewer than two items with missing values for its three components. RwOVEXNEG6 is calculated if there are fewer than three items with missing values for its six components. RwOVEXPSY3 is calculated if there are fewer than two items with missing values for its three components. RwOVEXPOS3M counts the number of components missing values in RwYDENTHU, RwYDCONTENT, and RwYDHAPPY, which could be between no missing components (0) and three missing components (3). RwOVEXNEG6M counts the number of components missing values in RwYDFRUST, RwYDSAD, RwYDLONELY, RwYDWORRY, RwYDBORED and RwYDANGRY, which could be between no missing components (0) and three missing components (6). RwOVEXPSY3M counts the number of components missing values in RwYDTIRED, RwYDSTRESS, and RwYDPAIN, which could be between no missing components (0) and three missing components (3).

The experimental module included 4 subsections and the respondent was randomly assigned to one subsection. If the respondent was selected for a different subsection, then these variables are assigned special missing .a. Don't know, refused, or other missing values are assigned special missing codes .d, .r, .m, respectively. RwYDFRUST, RwYDSAD, RwYDENTHU, RwYDLONELY, RwYDCONTENT, RwYDWORRY, RwYDBORED, RwYDHAPPY, RwYDANGRY, RwYDTIRED, RwYDSTRESS, and RwYDPAIN are assigned special missing .p if these questions were skipped because the interview was by proxy. These variables are set to plain missing (.) for respondents who did not respond to the current wave.

SwYDFRUSTRAT, SwYDSAD, SwYDENTHSTC, SwYDLONELY, SwYDCONTENT, SwYDWORRIED, SwYDBORED, SwYDHAPPY, SwYDANRGY, SwYDTIRED, SwYDSTRESSD, and SwYDPAIN are variables indicating the respondent's spouse's feelings yesterday, and their values are taken directly from the spouse's responses to RwYDFRUST, RwYDSAD, RwYDENTHU, RwYDLONELY, RwYDCONTENT, RwYDWORRY, RwYDBORED, RwYDHAPPY, RwYDANGRY, RwYDTIRED,

RwYDSTRESS, and RwYDPAIN. SwYDPOS3M, SwYDPOS3, SwYDNEG6M, SwYDNEG6, SwYDPSYCHO3M, and SwYDPSYCHO3 are summary scores indicating the respondent's spouse's feelings yesterday, and their values are taken directly from the spouse's responses to RwoVEXPOS3M, RwoVEXPOS3, RwoVEXNEG6M, RwoVEXNEG6, RwoVEXPSY3M, and RwoVEXPSY3. In addition to the special missing codes used in the respondent variables, the spouse variables 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 LASI

No differences known.

Differences with the RAND HRS/Harmonized HRS

Comparable measures for the respondent's feelings yesterday are available in the Harmonized HRS.

LASI Variables Used

Wave 1 Core:

EE001	Number of times likely to win
ES001_1	Remembering names of people with whom most time
EV001	Overall in last 30 days, bodily aches or pain di
TU006_1	Experience yesterday_frustrated
TU006_10	Experience yesterday_tired
TU006_11	Experience yesterday_stressed
TU006_2	Experience yesterday_sad
TU006_3	Experience yesterday_enthusiastic
TU006_4	Experience yesterday_lonely
TU006_5	Experience yesterday_content
TU006_6	Experience yesterday_worried
TU006_7	Experience yesterday_bored
TU006_8	Experience yesterday_happy
TU006_9	Experience yesterday_angry
TU007	Pain felt previous day

References

- Agarwal A, Lubet A, Mitgang E, Mohanty S, Bloom DE. (2016). *Population aging in India: Facts, issues, and options*. IZA discussion paper 10162. <http://ftp.iza.org/dp10162.pdf>.
- Arokiasamy P, Bloom DE, Lee J, Feeney K, Ozolins M. (2012). Longitudinal study on aging in India: Vision, design, implementation, and preliminary findings. In: Smith JP, Majmundar M (eds) *Aging in Asia: findings from new and emerging data initiatives*. The National Academies Press, Washington, DC, pp 36–74.
- Arokiasamy P, Bloom DE, Lee J, O'Brien J, Parasuraman S, Uttamacharya. (2016). Biological markers and the health of older Indians. *Econ Polit Wkly* 51(1):47–58. <https://www.epw.in/journal/2016/1/special-articles/biological-markers-and-health-older-indians.html>.
- Berkman LF, Sekher TV, Capistrant B, Zheng Y. (2012). Social networks, family, and caregiving among older adults in India. In: Smith JP, Majmundar M (eds) *Aging in Asia: findings from new and emerging data initiatives*. The National Academies Press, Washington, DC, pp 279–308.
- Bloom DE, Canning D, Lubet A. (2015). Global population aging: facts, challenges, solutions and perspectives. *Daedalus* 144(2):80–92. https://doi.org/10.1162/DAED_a_00332. MIT Press, Cambridge, MA.
- Bloom DE, Chatterji S, Kowal P, Lloyd-Sherlock P, McKee M, Rechel B, et al. (2014). Macroeconomic implications of population ageing and selected policy responses. *Lancet* 385(9968):649–657. [https://doi.org/10.1016/S0140-6736\(14\)61464-1](https://doi.org/10.1016/S0140-6736(14)61464-1).
- Bloom DE, Luca DL. (2016). The global demography of ageing: facts, explanations, future. In: Piggott J, Woodland A (eds) *Handbook of the economics of population aging*. Elsevier, Amsterdam, pp 3–56.
- Bloom DE, Mitgang E, Osher B. (2018). Demography of global ageing. In: Michel J-P et al (eds) *Oxford textbook of geriatric medicine, 3rd edn*. Oxford University Press, Oxford, pp 3–10.
- Bugliari D, Carroll J, Hayden O, Hayes J, Hurd M, Lee S, et al. (2023). *RAND HRS Longitudinal File 2020 (V1) Documentation: Includes 1992-2020 (Early Release)*. RAND Center for the Study of Aging, Santa Monica, CA.
- De Luca G, Celidoni M, Trevisan E. (2015). Item nonresponse and imputation strategies in SHARE Wave 5. In F. Malter & A. Börsch-Supan (Eds.), *SHARE Wave 5: Innovations & Methodology* (pp. 85-100). Munich: MEA.

- Ferreira FH, Chen S, Dabalen A, Dikhanov Y, Hamadeh N, Jolliffe D, et al. (2016). A global count of the extreme poor in 2012: Data issues, methodology and initial results. *The Journal of Economic Inequality*, 14(2): 141-172.
- Fisher GG, Hassan H, Faul JD, Rodgers WL, Weir DR. (2017). *Health and Retirement Study: Imputation of Cognitive Functioning Measures: 1992 – 2014* (Final Release Version): Data Description. Ann Arbor, MI: University of Michigan, Survey Research Center.
- Hu P, Wang S, Lee J. (2017). Socioeconomic gradients of cardiovascular risk factors in China and India: results from the China health and retirement longitudinal study and longitudinal aging study in India. *Int J Public Health* 62(7):763–773. <https://doi.org/10.1007/s00038-017-0968-3>. Springer.
- LASI Investigators. (2021). *User Guide for 2017-2019 Longitudinal Aging Study in India (LASI) Wave 1*. CESR Technical Report, University of Southern California, Los Angeles.
- Lee J, Arokiasamy P, Chandra A, Hu P, Liu J, Feeney K. (2012). Markers and drivers: cardiovascular health of middle-aged and older Indians. In: Smith JP, Majmundar M (eds) *Aging in Asia: findings from new and emerging data initiatives*. The National Academies Press, Washington, DC, pp 389–416.
- Lee J, Dey AB (2020). Introduction to LASI-DAD: The Longitudinal Aging Study in India-Diagnostic Assessment of Dementia. *J Am Geriatr Soc* 68 Suppl 3: S3-S4.
- Lee J, McGovern ME, Bloom DE, Arokiasamy P, Risbud A, O'Brien J, Kale V, Hu P. (2015). Education, gender, and state-level disparities in the health of older Indians: evidence from biomarker data. *Econ Hum Biol* 19:145–156. <https://doi.org/10.1016/J.EHB.2015.09.003>.
- Lee J, Meijer E, Phillips D. (2015). *The effect of using different imputation methods for economic variables in aging surveys* (Working Paper No. 2015-019). University of Southern California, Center for Economic and Social Research, Los Angeles, CA.
- Lee J, Phillips D, Wilkens J. (2019). Gateway to Global Aging Data, in: Gu D., Dupre M. (eds) *Encyclopedia of Gerontology and Population Aging*. Springer, Cham.
- Lee J, Shih R, Feeney K, Langa KM. (2014). Gender disparity in late-life cognitive functioning in India: findings from the longitudinal aging study in India. *J Gerontol Ser B Psychol Sci Soc Sci* 69(4):603–611. <https://doi.org/10.1093/geronb/gbu017>.
- Lee J, Smith JP. (2014). Regional disparities in adult height, educational attainment and gender difference in late-life cognition: findings from the longitudinal aging study in India (LASI). *J Econ Ageing* 4:26–34. <https://doi.org/10.1016/j.jeo.2014.02.002>.
- Little RJA. (1988). Missing-data adjustments in large surveys. *Journal of Business & Economic Statistics*, 6, 287-296.

- Little RJA, Rubin DB. (2002). *Statistical analysis with missing data* (2nd ed.). New York, NY: Wiley.
- Muthén LK, Muthén BO (2017). *Mplus User's Guide* (Version 8). Los Angeles, CA: Muthén & Muthén.
- Nunnally J (1978). *Psychometric Theory* (2nd edition). New York: McGraw-Hill.
- Perianayagam A, Bloom DE, Lee J, Sekher TV, Mohanty SK, Agarwal A. (2019). Longitudinal Aging Study in India. In: Gu D., Dupre M. (eds) *Encyclopedia of Gerontology and Population Aging*. https://doi.org/10.1007/978-3-319-69892-2_343-1.
- Raghunathan TE, Lepkowski JM, van Hoewyk J, Solenberger P. (2001). A multivariate technique for multiply imputing missing values using a sequence of regression models. *Survey Methodology*, 27, 85–95.
- United Nations, Department of Economic and Social Affairs, Population Division. (2017). *World Population Prospects: The 2017 Revision*.
- Valliant R, Dever JA, Kreuter F. (2013). *Practical Tools for Designing and Weighting Survey Samples*. Springer, New York.
- Van Buuren S, Brand JPL, Groothuis-Oudshoorn CGM, Rubin DB. (2006). Fully conditional specification in multivariate imputation. *Journal of Statistical Computation and Simulation*, 76, 1049–1064.
- Wilkens J, Green H, Cole A, Wang Y, Phillips D, and Lee J. (2023). *Harmonized HRS Documentation: Version C.2, March 2023*. Center for Economic and Social Research, University of Southern California, Los Angeles, CA. doi: 10.25549/4smz-hp46