

RAND

RAND HRS 2010 Income and Wealth Imputations

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**Labor & Population Program
RAND Center for the Study of Aging**

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RAND HRS 2010 Income and Wealth Imputations

Introduction

With support from the National Institute on Aging (NIA) and the Social Security Administration (SSA), the RAND Center for the Study of Aging has produced wealth and income imputations for all waves of the HRS, and for AHEAD 1993 and 1995. These imputations are distributed as companion files to the RAND Enhanced HRS Fat Files¹ and are incorporated into the RAND HRS Data File².

This documents the variables on the RAND Income and Wealth Imputation file for HRS 2010 called *incwlth10e1a*. The file is based on data from Version 1.0 of 2010 HRS Early Release core data, and Version 1.0 of Tracker 2010.

The method used to develop these imputations is described in the [Appendix](#). Each original income and wealth component is imputed separately. Some original components lend themselves to combination, such as summing up to three IRAs to provide a total IRA value. Some original income components are combined into logical main components, such as summing income from wages, tips and bonuses, professional practice or trade, and a second job into an earned income component. In addition, total wealth and income variables are derived. The main component and total variables are the same as those included on the RAND HRS file.

For income, the reference period for totals and main components is the last calendar year. When needed, another income measure is added to estimate income received in the last calendar year. For example, if a measure is given as income last month, we impute the monthly amount and examine other information, such as a start date, to determine how many months the income was received in the last calendar year to produce an estimate for that year.

If the original components are combined for any of these reasons, they are referred to as “partial components” in this document, while the combinations or uncombined original components are called “main components” of wealth and income. Analysts may wish to recombine components or to see the individual parts of a total amount. All individually imputed parts are provided in this file. It is important to understand how the parts and the combinations overlap, so that parts of income and wealth are not double-counted.

Identifiers

The RAND Income and Wealth Imputation file is a respondent-level file, with household-level data merged to both individuals in a couple household. The files are sorted by respondent ID

¹ The RAND-enhanced Fat Files are interview year-specific files containing most raw HRS variables merged to the respondent level to facilitate merging longitudinally and with the RAND HRS Data file. These are available upon request through RANDHRShelp@rand.org. Please see www.rand.org/labor/aging/dataproduct for more information.

² The RAND HRS Data file is a comprehensive but not complete collection of derived variables based on HRS public release data. It contains all waves of data, with consistent variable names across waves. It is available for download from the HRS web site. Please see www.rand.org/labor/aging/dataproduct for more information and sample programs for its use with the Fat Files.

(HHID and PN). The file includes a flag (H10PICKHH) to allow easy reduction to a household level file. A household level file may be extracted by selecting observations where the flag has a value of one (H10PICKHH=1). This will select all single-R households, and the record of the Financial Respondent in couple households where both individuals responded.

This file uses the HHID and PN as found in the 2010 core data to identify individuals and their spouses. We also provide a combined individual ID as HHIDPN, which is set to $1000*HHID + PN$, and RAHHIDPN which is the character version of HHIDPN.

Section A of this codebook describes identifiers and flags pertaining to the household, respondent, and spouse. Section B provides descriptive statistics and frequencies for income variables and Section C provides the same for wealth variables.

Income and Wealth Variable Naming Conventions

Variables are named in a manner similar to those in the RAND HRS data file. The 2010 data are treated as Wave 10 in the RAND HRS. Variables begin with “R10” or “IR10” if they pertain to the respondent, with “S10” or “IS10” if they apply to the spouse, and “H10” or “IH10” if they are household level measures.

The variable name prefix also indicates the type of variable, e.g., partial component or imputation flag, while the remainder, or stem, indicates the type of income or asset. These conventions are summarized in Tables 1 and 2 for the main and partial components of wealth and in Tables 3 and 4 for the main and partial components of income.

Table 1. Variable Name Prefixes and Stems for HRS 2010 Wealth Totals and Main Components

HRS 2010 Wealth – all are household level variables	
<i>Prefix</i>	<i>Description</i>
H10AF	Household asset imputation flag
H10AX	Household asset imputation summary flag, for a combined asset, e.g., H10AXIRA to summarize imputation status of H10AIRA1, H10AIRA2, and H10AIRA3.
H10AO	Whether owns household asset
H10A	Household asset value, set to zero for non-owners
<i>Totals</i>	
<i>Stem</i>	<i>Description</i>
TOTH	Net value of primary residence = HOUS – MORT – HMLN
NETHB	Net value of second home = HOUB – MRTB
TOTN	Total non-housing assets less debt = RLES + TRAN + BSNS + IRA + STCK + CHCK + CD + BOND + OTHR – DEBT
TOTA	Total of all assets except trusts and second home less debt = TOTH + TOTN
TOTB	Total of all assets including second home except trusts less debt = TOTH + NETHB + TOTN
TOTF	Total financial assets less debt, excluding IRAs = STCK + CHCK + CD + BOND + OTHR – DEBT
TOTW	Total of all assets except IRA less debt = TOTA – IRA
<i>Components</i>	
<i>Stem</i>	<i>Description</i>
HOUS	Primary Residence
MORT	Total Mortgages, combines MRT1 and MRT2
HMLN	Total Other Home Loans, combines EQLN and EQCD
HOUB	Second home
MRTB	Mortgage on second home

RLES	Other Real Estate
TRAN	Transportation (Vehicles)
BSNS	Business
IRA	Total Individual Retirement Accounts, combines IRA1, IRA2, and IRA3
STCK	Stocks, Mutual Funds
CHCK	Checking, Savings Accounts
CD	CDs, Savings Bonds, Treasury Bills
BOND	Bonds
OTHR	Other savings, assets
DEBT	Debts
TRST	Trusts (<i>Note: trusts are not included in any asset totals</i>)

For example, H10AFRLES indicates whether the value or ownership of other real estate is imputed. H10AORLES indicates whether the household reports (or is imputed to) owning other real estate. H10ARLES is the given or imputed value of other real estate, set to zero for non-owners. Note that some of those who reported owning an asset then reported its value as zero. In these the ownership variable, e.g., H10AORLES, indicates ownership but the H9A variable, e.g., H10ARLES variable is zero.

Table 2. Variable Prefixes and Stems for HRS 2010 Partial Wealth Components

HRS 2010 Partial Wealth Components - all are household level variables	
<i>Prefix</i>	<i>Description</i>
I10AF	partial asset component imputation flag
I10AO	whether owns partial asset component
I10A	partial asset component value
<i>Stem</i>	<i>Description</i>
MRT1	1 st Mortgage, included in MORT
MRT2	2 nd Mortgage, included in MORT
EQLN	Home Equity Loan, included in HMLN
EQCD	Home Equity Line of Credit, included in HMLN
IRA1	1st Largest IRA, included in IRA
IRA2	2nd Largest IRA, included in IRA
IRA3	3rd Largest IRA, included in IRA

For example, I10AFMRT1 indicates whether the value or ownership of a first mortgage on the house that is the primary residence is imputed. I10AOMRT1 indicates if the household reports (or is imputed to) owning a first mortgage. I10AMRT1 is the given or imputed value of the first mortgage. Partial component values are missing if the component is not owned. Thus if I10AOMRT1 indicates no ownership, then I10AMRT1 is missing.

Table 3. Variable Prefixes and Stems for HRS 2010 Income Totals and Main Components

HRS 2010 Income	
<i>Prefix</i>	<i>Description</i>
	<i>Household Level</i>
H10IF	household income imputation flag
H10IO	whether household receives income from this source
H10	household income value, set to zero for non-owners
	<i>Respondent Level</i>
R10IF	respondent income imputation flag
R10IO	whether respondent receives income from this source
R10I	respondent income value, set to zero for non-owners
	<i>Spouse Level</i>
S10IF	spouse income imputation flag
S10IO	whether spouse receives income from this source
S10I	spouse income value, set to zero for non-owners
<i>Stem</i>	<i>Description</i>
<i>Total</i>	
TOT	Total household income, combines CAP and OTHR household income and EARN, GXFR, PENA, SRET, SSDI, and UNWC for both respondent and spouse.
<i>Components – Household</i>	
CAP	Household capital income, combines BUSIN, RNTIN, DIVIN, BNDIN, CHKIN, CDIN and OTHI1 for the household, and SEMP for both respondent and spouse.
OTHR	Other household income, combines OTHI2, LUYR1, LUYR2, and LUYR3 for the household.
<i>Components – Respondent and Spouse</i>	
EARN	Respondent or spouse earnings from work, combines WAGE, BON, 2ND, and TRAD.
PENA	Respondent or spouse pension and annuity income, combines PEN1, PEN2, PEN3, ANN1, ANN2, and ANN3.
SRET	Respondent or spouse Social Security retirement or survivor's income, set to SS.
SSDI	Respondent or spouse Social Security disability income and Supplemental Security Income (SSI), combines the SDI partial component for respondent or spouse and SSI for the household. If the household is a couple household, SSI is allocated to the respondent and spouse. Please see the description of this variable in the Income section for details.
UNWC	Respondent or spouse unemployment and worker's compensation income, combines UNEM and WCMP.
GXFR	Respondent or spouse other government transfers, combines VET for

	respondent or spouse, and WELF and FOOD for the household. If the household is a couple household, WELF and FOOD are allocated to the respondent and spouse. Please see the description of this variable in the Income section for details.
--	---

For example, R10IFEARN indicates whether the respondent’s earned income is imputed. R10IOEARN indicates whether the respondent reports (or is imputed to) having any earned income. R10IEARN is the given or imputed amount the respondent earned in the last calendar year, set to zero for those who don’t receive any.

Table 4. Variable Prefixes and Stems for HRS 2010 Partial Income Components

HRS 2010 Partial Income Components – Prefixes	
<i>Prefix</i>	<i>Description</i>
	<i>Household Level</i>
H10F	Household partial income component imputation flag
H10O	Whether household receives income from this partial component
IH10	Household partial income component value for last calendar year
H10M	Household partial income component value – monthly value, where original value was reported as a monthly amount. If total amount received last year is available and amount received last month is not, then total annual amount is used to estimate a monthly amount.
H10N	Household partial income component – number of months received in last calendar year, where the original value was reported as a monthly amount. This is computed from month and year began receiving income. If month began is unknown and year began in the last calendar year, then number of months received is assigned a value of 6 months. If year began is unknown, then number of months received is assigned a value of 12 months and a flag is set to 1.
H10NF	Household partial income component – flags cases where there is no information on the number of months received. When the year began receiving income is unknown, the number of months received in the last calendar year is assigned a value of 12 and the flag is set to 1.
	<i>Respondent Level</i>
R10F	Respondent partial income component imputation flag
R10O	Whether respondent receives income from this partial component
IR10	Respondent partial income component value for last calendar year
R10M	Respondent partial income component value – monthly value, where original value was reported as a monthly amount. If total amount received last year is available and amount received last month is not, then total annual amount is used to estimate a monthly amount.
R10N	Respondent partial income component – number of months received, where the original value was reported as a monthly amount. This is computed from month and year began receiving income. If month

	began is unknown and year began in the last calendar year, then number of months received is assigned a value of 6 months. If year began is unknown, then number of months received is assigned a value of 12 months and a flag is set to 1.
R10NF	Respondent partial income component – flags cases where the number of months received is unknown. When unknown, 12 months is used to derive amount received in last calendar year.
	<i>Spouse Level</i>
S10F	Spouse income partial component imputation flag
S10O	Whether spouse receives income from this partial component
IS10	Spouse partial income component value for last calendar year
S10M	Spouse partial income component value – monthly value, where original value was reported as a monthly amount. If total amount received last year is available and amount received last month is not, then total annual amount is used to estimate a monthly amount.
S10N	Spouse partial income component – number of months received, where the original value was reported as a monthly amount. This is computed from month and year began receiving income. If month began is unknown and year began in the last calendar year, then number of months received is assigned a value of 6 months. If year began is unknown, then number of months received is assigned a value of 12 months and a flag is set to 1.
S10NF	Spouse partial income component – flags cases where the number of months received is unknown. When unknown, 12 months is used to derive amount received in last calendar year.
HRS 2010 Partial Income Components – Variable Stems	
<i>Stem</i>	<i>Description</i>
	<i>Partial Components – Household</i>
BUSIN	Business Income, included in CAP
RNTIN	Rental Income, included in CAP
DIVIN	Dividend Income, included in CAP
BNDIN	Bonds Income, included in CAP
CDIN	CDs, Savings Bonds, Treasury Bills Income, included in CAP
CHKIN	Checking, Savings Account Income, included in CAP
FOOD	Food Stamps, included in GXFR. More specifically the amount is included in R10IGXFR and S10IGXFR, if applicable. In couple households, FOOD is evenly split between respondent and spouse. If not, all FOOD is assigned to the respondent.
WELF	Welfare Income, included in GXFR. More specifically the amount is included in R10IGXFR and S10IGXFR, if applicable. If there is a spouse in the household, a question asks who receives this income and WELF is assigned according to this. If received by both or missing who receives, WELF is evenly split between respondent and spouse. If a single R household, all WELF is assigned to the respondent.

SSI	Supplemental Security Income, included in SSDI. More specifically the amount is included in R10ISSDI and S10ISSDI, if applicable. If there is a spouse in the household, a question asks who receives this income and SSI is assigned according to this. If received by both or missing who receives, SSI is evenly split between respondent and spouse. If a single R household, all SSI is assigned to the respondent.
OTHI1	Other household income #1, which is income from other assets, included in CAP
OTHI2	Other household income #2, which is any other household income, included in OTHR
LUYR1	Lump Sum Income #1 for last calendar year, e.g., from insurance, pension, or inheritance, included in OTHR
LUYR2	Lump Sum Income #2 for last calendar year, e.g., from insurance, pension, or inheritance, included in OTHR
LUYR3	Lump Sum Income #3 for last calendar year, e.g., from insurance, pension, or inheritance, included in OTHR
LUMP1	Lump Sum Income #1 since last interview or last 2 years, e.g., from insurance, pension, or inheritance
LUMP2	Lump Sum Income #2 since last interview or last 2 years, e.g., from insurance, pension, or inheritance
LUMP3	Lump Sum Income #3 since last interview or last 2 years, e.g., from insurance, pension, or inheritance
	<i>Partial Components - Respondent and Spouse</i>
WAGE	Wage and Salary Income, included in EARN
BON	Tip, Bonus, and Commission Income, included in EARN
2ND	Second Job Income, included in EARN
TRAD	Professional Practice or Trade Income, included in EARN
SS	Social Security Retirement or Survivor Income, included in SRET. Social Security income is assumed to be retirement or survivor income if the individual is 65 or older, or if younger than 65, if no disability income is reported in the Disability section.
SDI	Social Security Disability Income, included in SSDI. Social Security income is assumed to be disability income if the individual is less than 65 and reports receiving such in the Disability section.
UNEM	Unemployment Income, included in UNWC
WCMP	Worker's Compensation Income, included in UNWC
VET	Veteran's Benefits, included in GXFR
SEMP	Self-employment Income, included in CAP for both respondent and spouse.
PEN1	Pension #1 (largest) Income, included in PENA
PEN2	Pension #2 (2 nd largest) Income, included in PENA
PEN3	Pension #3 (rest) Income, included in PENA

ANN1	Annuity #1 (largest) Income, included in PENA
ANN2	Annuity #2 (2 nd largest) Income, included in PENA
ANN3	Annuity #3 (rest) Income, included in PENA

For example, R10FUNEM indicates whether the respondent's income from unemployment is imputed. R10OUNEM indicates whether the respondent reports (or is imputed to) receiving any unemployment income. IR10UNEM is the given or imputed amount the respondent received in unemployment in the last calendar year. It is missing for those who receive no unemployment income.

For the spouse S10FUNEM, S10OUNEM, and IS10UNEM are analogous to R10FUNEM, R10OUNEM, and IR10UNEM, respectively.

Imputation Flags and Codes

The imputation files include a flag for each component and partial component that indicates whether it is imputed or not. When partial components are combined in a component, the corresponding imputation flags are combined as well.

The main income and wealth components combine partial components, and the imputation flags for the main components summarize those of the partial components. The values of the imputation flags for main component or total income variables are:

<i>Code Values for Main Income Component and Total Income Imputation Flags</i>		
<i>Code</i>	<i>Description</i>	<i>Imputation Status</i>
0	Does not receive this type of income	No imputation
1	No imputation in any of the partial components combined in this type of income	No imputation
2	At least one of the partial components combined in this type of income is imputed	Some imputation
8	No spouse or partner (for spouse/partner income components only)	No imputation
9	No Financial Respondent	Completely imputed

The values for the partial component imputation flags are:

<i>Code Values for Partial Income Component Imputation Flags</i>		
<i>Code</i>	<i>Description</i>	<i>Imputation Status</i>
1	Continuous value given	No imputation
2	Complete brackets given	Value imputed from brackets
3	Incomplete brackets given	Complete bracket imputed from partial brackets, then value imputed
4	Range card bracket (applicable in HRS 1992 only)	Value imputed from range
5	No value or bracket given	Complete bracket imputed, then value imputed
6	Does not receive this type of income	No imputation
7	Missing whether receives this type of income	Whether receives imputed. If imputed to receive, complete brackets then value imputed.
8	No spouse or partner (for spouse/partner income components only)	No imputation
9	No Financial Respondent	Whether receives imputed. If imputed to receive, complete brackets then value imputed.

Distribution and Technical Notes

The income and wealth imputations are distributed as SAS, Stata, and SPSS files:

- SAS (V9): incwlth10e1a.sas7bdat
- Stata (V8, intercooled): incwlth10e1a.dta
- SPSS: incwlth10e1a.sav

In the SAS file, value labels are **not** attached to variables, but we provide VALUE and FORMAT statements that may be incorporated into SAS programs:

- Incwlth10fmt.sas: this file contains the PROC FORMAT and VALUE statements.
- Incwlth10form.sas: this file contains the FORMAT statements to link categorical variables to the SAS formats defined in incwlth08fmt.sas.

There are many ways to use the value labels in SAS. Below is an example of one way a SAS program can use these format files:

```
LIBNAME hrs10imp "C:\hrs2010imp";
```

```
%INCLUDE "incwlth10fmt.sas"; /* this contains PROC FORMAT and VALUE statements */
```

```
PROC FREQ DATA=hrs10imp.incwlth10e1a;
```

```
TABLE [list of variables] ;
```

```
%INCLUDE "incwlthform.sas";
```

Please contact RANDHRSHelp@rand.org with questions and to report problems with this file.

Section A: Identifiers and Flags

Household

Wave	Variable	Label	Type
10	HHID	HHID: Household ID /6-Char	Char
10	MSUBHH	HRS 2010 SUB-HOUSEHOLD ID (Char)	Char
10	H10HHID	H10HHID:W10 HHold ID + SubHHold /Num	Cont
10	H10PICKHH	H10PICKHH: Select subHH level file (=1)	Categ
10	H10CPL	H10CPL:W10 Whether couple HHold	Categ
10	H10ANYFIN	H10ANYFIN:W10 Whether any FinR in HH	Categ
10	MPN_FIN	2010 FINANCIAL RESP PERSON NUMBER	Char
10	MPN_NFIN	2010 NON-FINANCIAL RESP PERSON NUMBER	Char
10	MFIN_RHP	MFIN_RHP: HHIDPN of Financial Resp	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10HHID	15372	1730041.57	1681643.40	30.0	5027610.0
H10PICKHH	15372	0.70	0.46	0.0	1.0
H10CPL	15372	0.63	0.48	0.0	1.0
H10ANYFIN	15372	1.00	0.07	0.0	1.0
MFIN_RHP	15372	171980475.75	167987258.43	0.0	502761010.0

Character Variable Range

Variable	N	N-Miss	From	To
HHID	15372	0	000003	502761
MSUBHH	15372	0	0	8
MPN_FIN	15299	73	010	042
MPN_NFIN	9309	6063	010	043

Categorical Variable Codes

Value-----	MSUBH	
0	14077	
1	654	
2	486	
5	50	
6	6	
7	98	
8	1	
Value-----	H10PICKH	
0.Drop for HH-level file	4618	
1.Select for HH-level file	10754	
Value-----	H10CP	
0.not a couple HH	5700	
1.couple HH	9672	
Value-----	H10ANYFI	
0.No Fin Resp in HH	73	
1.HH has Fin Resp	15299	
Value-----	MPN_FI	MPN_NFI
Blank	73	6063
010	9926	2054
011	242	771
012	12	32

013		1	
020		3580	4801
021		63	230
022		3	12
023			2
030		961	95
031		17	56
032		2	10
040		469	1163
041		20	77
042		3	4
043			2

Notes:

This file is a respondent level file. For couple households where both individuals responded, each value appears on the file twice, once on each respondent's record. H10PICKHH can be used to extract a household level file, that is, one for each sub-household in the core data, by selecting records where H10PICKHH=1, i.e., using:

```
SAS: IF H10PICKHH=1;
```

```
Stata: select if H10PICKHH==1
```

```
SPSS: SELECT IF H10PICKHH=1;
```

This will select all individuals in single-respondent households and just the financial respondent in couple households. A sub-household is identified using HHID and MSUBHH. H10HHID is a numeric sub-household identifier that is set to 10*HHID+MSUBHH.

HRS Variables Used

```
HRS 2010:
HHID      HOUSEHOLD IDENTIFIER
MB061     MARITAL STATUS IF UNMARRIED
MB063     MARITAL STATUS ASSIGNED
MFINR     2010 WHETHER FINANCIAL RESPONDENT
MPN_FIN   2010 FINANCIAL RESP PERSON NUMBER
MPN_NFIN  2010 NON-FINANCIAL RESP PERSON NUMBER
MSUBHH    2010 SUB-HOUSEHOLD IDENTIFIER
MX065_R   COUPLENESS STATUS OF INDIVIDUAL-UPDATED
```

Respondent

Wave	Variable	Label	Type
10	PN	Person Number (Char)	Char
10	HHIDPN	HHIDPN: HHold ID + Person Number /Num	Cont
10	RAHHIDPN	RAHHIDPN: HHold ID + Person Num /9-Char	Char
10	MFINR	2010 WHETHER FINANCIAL RESPONDENT	Cont
10	R10FINR	R10FINR:W10 Whether Financial Resp	Categ
10	MPN_SP	2010 SPOUSE/PARTNER PERSON NUMBER	Char
10	MPPN	2010 SPOUSE-PARTNER PERSON NUMBER	Char
10	S10HHIDPN	S10HHIDPN:W10 Spouse HHIDPN	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
HHIDPN	15372	173004156.66	168164341.67	3010.0	502761010.0
MFINR	15372	2.22	1.84	1.0	5.0
R10FINR	15372	0.69	0.46	0.0	1.0
S10HHIDPN	15372	111067794.20	164782423.02	0.0	502759020.0

Character Variable Range

Variable	N	N-Miss	From	To
PN	15372	0	010	043
RAHHIDPN	15372	0	000003010	502761010
MPN_SP	9660	5712	010	842
MPPN	15372	0	000	842

Categorical Variable Codes

Value-----	P	
010	7976	
011	597	
012	28	
013	1	
020	4914	
021	169	
022	9	
023	1	
030	618	
031	43	
032	7	
040	948	
041	56	
042	4	
043	1	
Value-----	R10FIN	
0.not Fin Resp	4691	
1.Fin Resp	10681	
Value-----	MPN_S	MPP
Blank	5712	
000.no spouse		5700
010	4110	4115
011	485	485
012	23	23
020	3597	3600

021	138	138
022	8	8
023	1	1
030	447	448
031	36	36
032	5	5
040	706	709
041	50	50
042	5	5
043	1	1
811	29	29
812	3	3
821	6	6
822	1	1
831	4	4
841	4	4
842	1	1

Notes:

Household ID (HHID) and person number (PN) identify an individual. We combine these into one identifier called HHIDPN which is a numeric variable set to $1000*HHID+PN$. A character version of HHIDPN is provided as RAHHIDPN, which is set to HHID concatenated with PN. MPPN holds the spouse's PN if the respondent is part of a couple. S10HHIDPN is the spouse's HHIDPN.

Note that MFINR and R10FINR both flag the financial respondent with a value of 1 for yes, but no is coded as 5 in MFINR and as 0 in R10FINR.

HRS Variables Used

HRS 2010:

HHID HOUSEHOLD IDENTIFIER
 MFINR 2010 WHETHER FINANCIAL RESPONDENT
 MPN_SP 2010 SPOUSE/PARTNER PERSON NUMBER
 PN PERSON NUMBER

Tracker:

HHID HOUSEHOLD IDENTIFIER
 MPPN 2010 SPOUSE-PARTNER PERSON NUMBER
 PN PERSON NUMBER

Section B: Income

Total household income (respondent & spouse)

Wave	Variable	Label	Type
10	H10ITOT	H10ITOT:W10 Incm: Total HHold / R+Sp only	Cont
10	H10IFTOT	H10IFTOT:W10 IncFlag: Total Household Inc	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10ITOT	15372	59518.88	105530.87	0.0	6197150.0
H10IFTOT	15372	1.49	0.77	0.0	9.0

Categorical Variable Codes

Value-----	H10IFTO
0.no income	142
1.no imputations	8241
2.some imputation	6901
9.no Fin Resp	88

Notes:

H10ITOT reflects total income for the last calendar year. H10ITOT is set to the sum of respondent and spouse earnings (R10IEARN, S10IEARN), pensions and annuities (R10IPENA, S10IPENA), SSI and Social Security Disability (R10ISSDI, S10ISSDI), Social Security retirement (R10ISRET, S10ISRET), unemployment and workers compensation (R10IUNWC, S10IUNWC), and other government transfers (R10IGXFR, S10IGXFR), and household capital income (H10ICAP) and other income (H10IOTHR).

RAND HRS Income components

Wave	Variable	Label	Type
10	R10IEARN	R10IEARN:W10 Income:R Earnings	Cont
10	R10IOEARN	R10IOEARN:W10 Receives:R Earnings	Categ
10	R10IFEARN	R10IFEARN:W10 IncFlag:R Earnings	Categ
10	S10IEARN	S10IEARN:W10 Income:Sp Earnings	Cont
10	S10IOEARN	S10IOEARN:W10 Receives:Sp Earnings	Categ
10	S10IFEARN	S10IFEARN:W10 IncFlag:Sp Earnings	Categ
10	H10ICAP	H10ICAP:W10 Income:HHold Capital Income	Cont
10	H10IOCAP	H10IOCAP:W10 Receives:Household Capital Inc	Categ
10	H10IFCAP	H10IFCAP:W10 IncFlag:Household Capital Inc	Categ
10	R10IPENA	R10IPENA:W10 Income:R Pension + Annuity	Cont
10	R10IOPENA	R10IOPENA:W10 Receives:R Pension + Annuity	Categ
10	R10IFPENA	R10IFPENA:W10 IncFlag:R Pension + Annuity	Categ
10	S10IPENA	S10IPENA:W10 Income:Sp Pension + Annuity	Cont
10	S10IOPENA	S10IOPENA:W10 Receives:Sp Pension + Annuity	Categ
10	S10IFPENA	S10IFPENA:W10 IncFlag:Sp Pension + Annuity	Categ
10	R10ISSDI	R10ISSDI:W10 Income:R SSI + SS Disability	Cont
10	R10IOSSDI	R10IOSSDI:W10 Receives:R SSI + SS Disability	Categ
10	R10IFSSDI	R10IFSSDI:W10 IncFlag:R SSI + SS Disability	Categ
10	S10ISSDI	S10ISSDI:W10 Income:Sp SSI + SS Disability	Cont
10	S10IOSSDI	S10IOSSDI:W10 Receives:Sp SSI + SS Disability	Categ
10	S10IFSSDI	S10IFSSDI:W10 IncFlag:Sp SSI + SS Disability	Categ
10	R10ISRET	R10ISRET:W10 Income:R SocSec Retirement	Cont
10	R10IOSRET	R10IOSRET:W10 Receives:R SocSec Retirement	Categ
10	R10IFSRET	R10IFSRET:W10 IncFlag:R SocSec Retirement	Categ
10	S10ISRET	S10ISRET:W10 Income:Sp SocSec Retirement	Cont
10	S10IOSRET	S10IOSRET:W10 Receives:Sp SocSec Retirement	Categ
10	S10IFSRET	S10IFSRET:W10 IncFlag:Sp SocSec Retirement	Categ
10	R10IUNWC	R10IUNWC:W10 Income:R Unemp + Worker Comp	Cont
10	R10IOUNWC	R10IOUNWC:W10 Receives:R Unemp + Worker Cmp	Categ
10	R10IFUNWC	R10IFUNWC:W10 IncFlag:R Unemp + Worker Cmp	Categ
10	S10IUNWC	S10IUNWC:W10 Income:Sp Unemp + Worker Cmp	Cont
10	S10IOUNWC	S10IOUNWC:W10 Receives:Sp Unemp + WorkerCmp	Categ
10	S10IFUNWC	S10IFUNWC:W10 IncFlag:Sp Unemp + WorkerCmp	Categ
10	R10IGXFR	R10IGXFR:W10 Income:R Other Gov Transfer	Cont
10	R10IOGXFR	R10IOGXFR:W10 Receives:R Other Gov Transfer	Categ
10	R10IFGXFR	R10IFGXFR:W10 IncFlag:R Other Gov Transfer	Categ
10	S10IGXFR	S10IGXFR:W10 Income:Sp Other Gov Transfer	Cont
10	S10IOGXFR	S10IOGXFR:W10 Receives:Sp Other Gov Transfr	Categ
10	S10IFGXFR	S10IFGXFR:W10 IncFlag:Sp Other Gov Transfr	Categ
10	H10IOTHR	H10IOTHR:W10 Income:Other Household	Cont
10	H10IOOTHR	H10IOOTHR:W10 Receives:Other Household Inc	Categ
10	H10IFOTHR	H10IFOTHR:W10 IncFlag:Other Household Inc	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
R10IEARN	15372	11521.18	34486.43	0.0	1400000.0
R10IOEARN	15372	0.28	0.45	0.0	1.0
R10IFEARN	15372	0.40	0.95	0.0	9.0
S10IEARN	9672	14151.01	37516.85	0.0	1000000.0
S10IOEARN	9672	0.32	0.47	0.0	1.0
S10IFEARN	15372	3.26	3.73	0.0	9.0
H10ICAP	15372	11660.84	65535.22	0.0	6180000.0
H10IOCAP	15372	0.60	0.49	0.0	1.0
H10IFCAP	15372	1.00	1.08	0.0	9.0
R10IPENA	15372	5274.46	47273.29	0.0	5401560.0
R10IOPENA	15372	0.28	0.45	0.0	1.0
R10IFPENA	15372	0.43	0.97	0.0	9.0
S10IPENA	9672	4783.15	16960.48	0.0	912960.0
S10IOPENA	9672	0.25	0.43	0.0	1.0
S10IFPENA	15372	3.22	3.76	0.0	9.0
R10ISSDI	15372	483.23	2498.60	0.0	46801.7
R10IOSSDI	15372	0.06	0.23	0.0	1.0
R10IFSSDI	15372	0.15	0.77	0.0	9.0
S10ISSDI	9672	389.02	2410.34	0.0	46801.7
S10IOSSDI	9672	0.04	0.20	0.0	1.0
S10IFSSDI	15372	3.06	3.85	0.0	9.0
R10ISRET	15372	8771.54	7839.41	0.0	50829.5
R10IOSRET	15372	0.70	0.46	0.0	1.0
R10IFSRET	15372	0.88	0.88	0.0	9.0
S10ISRET	9672	8021.22	7977.07	0.0	50829.5
S10IOSRET	9672	0.65	0.48	0.0	1.0
S10IFSRET	15372	3.50	3.54	0.0	9.0
R10IUNWC	15372	181.31	1411.25	0.0	30000.0
R10IOUNWC	15372	0.03	0.17	0.0	1.0
R10IFUNWC	15372	0.12	0.83	0.0	9.0
S10IUNWC	9672	211.68	1538.16	0.0	30000.0
S10IOUNWC	9672	0.03	0.18	0.0	1.0
S10IFUNWC	15372	3.05	3.87	0.0	9.0
R10IGXFR	15372	892.28	4946.54	0.0	128848.8
R10IOGXFR	15372	0.13	0.34	0.0	1.0
R10IFGXFR	15372	0.24	0.90	0.0	9.0
S10IGXFR	9672	889.83	5423.18	0.0	128848.8
S10IOGXFR	9672	0.10	0.30	0.0	1.0
S10IFGXFR	15372	3.10	3.83	0.0	9.0
H10IOTHR	15372	2835.98	34569.90	0.0	2000000.0
H10IOOTHR	15372	0.07	0.25	0.0	1.0
H10IFOTHR	15372	0.18	0.87	0.0	9.0

Categorical Variable Codes

Value-----	R10IOEAR	S10IOEAR
.U=Unmar		5700
0.receivees no income	11099	6604
1.receivees income	4273	3068
Value-----	R10IFEAR	S10IFEAR
0.no income	10965	6496
1.no imputations	3431	2462
2.some imputation	857	622
8.no Sp/Part->no incm		5700
9.no Fin Resp	119	92
Value-----	H10IOCA	
0.receivees no income	6073	
1.receivees income	9299	
Value-----	H10IFCA	
0.no income	5595	
1.no imputations	5023	
2.some imputation	4635	
9.no Fin Resp	119	
Value-----	R10IOPEN	S10IOPEN
.U=Unmar		5700
0.receivees no income	11063	7290
1.receivees income	4309	2382
Value-----	R10IFPEN	S10IFPEN
0.no income	10713	7052
1.no imputations	3537	1954
2.some imputation	1003	574
8.no Sp/Part->no incm		5700
9.no Fin Resp	119	92
Value-----	R10IOSSD	S10IOSSD
.U=Unmar		5700
0.receivees no income	14486	9284
1.receivees income	886	388
Value-----	R10IFSSD	S10IFSSD
0.no income	14124	9013
1.no imputations	818	389
2.some imputation	341	191
8.no Sp/Part->no incm		5700
9.no Fin Resp	89	79
Value-----	R10IOSRE	S10IOSRE
.U=Unmar		5700
0.receivees no income	4562	3357
1.receivees income	10810	6315
Value-----	R10IFSRE	S10IFSRE
0.no income	4511	3305
1.no imputations	8800	5101
2.some imputation	1972	1187
8.no Sp/Part->no incm		5700
9.no Fin Resp	89	79
Value-----	R10IOUNW	S10IOUNW
.U=Unmar		5700
0.receivees no income	14905	9346
1.receivees income	467	326
Value-----	R10IFUNW	S10IFUNW
0.no income	14715	9198
1.no imputations	347	237

2.some imputation	191	145
8.no Sp/Part->no incm		5700
9.no Fin Resp	119	92
Value-----	R10IOGXF	S10IOGXF
.U=Unmar		5700
0.receive no income	13368	8722
1.receive income	2004	950
Value-----	R10IFGXF	S10IFGXF
0.no income	13140	8568
1.no imputations	1541	738
2.some imputation	572	274
8.no Sp/Part->no incm		5700
9.no Fin Resp	119	92
Value-----	H10IOOTH	
0.receive no income	14326	
1.receive income	1046	
Value-----	H10IFOTH	
0.no income	13939	
1.no imputations	896	
2.some imputation	418	
9.no Fin Resp	119	

Notes:

These are the main components of income. They reflect estimated income for the last calendar year.

R10IEARN is the sum of respondent's wage/salary income (IR10WAGE), bonuses/overtime pay/commissions/tips (IR10BON), 2nd job or military reserve earnings (IR102ND), professional practice or trade income (IR10TRAD).

R10IPENA is the sum of the respondent's income from all pensions and annuities and S10IPENA is that for the spouse. Monthly income from up to three pensions and three annuities can be reported. If more than three pensions or annuities are reported, the third pension and annuity amount should include total monthly income from the third and beyond. The start month and year are examined for the first and second pensions and annuities to determine the number of months received in the last calendar year. No start month is available for the third pension and annuity. If it can be determined that the respondent began receiving this income in the last calendar year but not the exact number of months, the number of months received was set to six. Prior to wave 10, they were set to 12 months. When there is no information on the number of months, a full year (12 months) is assumed. Monthly amounts for respondents (R10MPEN1, R10MPEN2, R10MPEN3, R10MANN1, R10MANN2, R10MANN3) and the corresponding number of months received (R10NPEN1, R10NPEN2, R10NPEN3, R10NANN1, R10NANN2, R10NANN3) are used to derive annual amounts (IR10PEN1, IR10PEN2, IR10PEN3, IR10ANN1, IR10ANN2, IR10ANN3). This was computed similarly for spouses. Please see the section entitled "Individual Income from Employer Pension or Annuity" for information about extreme amounts.

R10ISSDI is the sum of the respondent's income from Social Security disability (IR10SDI) and Supplemental Security income (R10ISSI). S10ISSDI is the sum of the spouse's income from Social Security disability (IS10SDI) and Supplemental Security income (S10ISSI). R10ISRET is the respondent's income from Social Security retirement, spouse or widow benefits (IR10SS) and S10ISRET is the same for the spouse (IS10SS).

Social Security income is determined to be disability or retirement by examining variables in the disability module and respondent age. SSI is reported as a household amount. In a single household it is assigned to the respondent. In a couple household it is allocated to the respondent and/or spouse using the question that asks who receives SSI. If that is unknown or both receive, the household amount is split

evenly between the respondent and spouse. Both Social Security and SSI are given as monthly amounts, which are multiplied by the appropriate number of months received in the last calendar year.

R10IUNWC sums the respondent's income from unemployment (IR10UNEM) and worker's compensation (IR10WCMP). S10IUNWC sums the spouse's income from unemployment (IS10UNEM) and worker's compensation (IS10WCMP). Please see the section entitled "Individual Unemployment or Workers Compensation" for information about extreme amounts.

R10IGXFR sums the respondent's income from veteran's benefits (IR10VET), welfare, and food stamps. S10IGXFR sums the spouse's income from veteran's benefits (IS10VET), welfare, and food stamps. All of these components are given as monthly amounts and are multiplied by the appropriate number of months for the last calendar year. Welfare (IH10WELF) and food stamps (IH10FOOD) are given as household amounts. For welfare there is a question that asks who receives the income, and this is used to allocate the amount to the respondent and spouse in couple households. If who receives the income is unknown or both, the amount is split evenly between respondent and spouse. Food stamp income is split evenly between respondent and spouse. In single households, the full amount of both welfare and food stamps is assigned to the respondent.

H10ICAP is the sum of business or farm income (IH10BUSIN), self-employment earnings (IR10SEMP, IS10SEMP), gross rent (IH10RNTIN), dividend and interest income (IH10DIVIN, IH10BNDIN, IH10CHKIN, IH10CDIN), and other asset income (IH10OOTH1). For income from business, there is a question that asks whether this income was reported earlier in the interview (MQ161). If yes, business income (IH10BUSIN) is NOT included in H10ICAP, as it is assumed to be double-reported, usually as self-employment income.

H10IOTHR sums other income (IH10OOTH2) and lump sums from insurance, pension, and inheritance (IH10LUYR1, IH10LUYR2, IH10LUYR3). Lump sum amounts are reported since last interview or for the past two years, and the year received is collected. This year is used to identify those lump sums received in the last calendar year and these amounts are imputed separately if missing.

HRS Variables Used

HRS 2010:
MQ106 WHO RECEIVED INC FROM SSI LAST MONTH
MQ114 WHO RECEIVED INC FR WELFARE NOT SSI LCY
MQ161 BUSINESS INC REPORTED EARLIER IN IW

Individual Earnings

Wave	Variable	Label	Type
10	IR10WAGE	IR10WAGE:W10 IncPart-Wages, Salary	Cont
10	R10OWAGE	R10OWAGE:W10 Receives-Wages, Salary	Categ
10	R10FWAGE	R10FWAGE:W10 ImpFlag-Wages, Salary	Categ
10	IS10WAGE	IS10WAGE:W10 IncPart-Wages, Salary	Cont
10	S10OWAGE	S10OWAGE:W10 Receives-Wages, Salary	Categ
10	S10FWAGE	S10FWAGE:W10 ImpFlag-Wages, Salary	Categ
10	IR10BON	IR10BON:W10 IncPart-Tips, Bonus, Comm	Cont
10	R10OBON	R10OBON:W10 Receives-Tips, Bonus, Comm	Categ
10	R10FBON	R10FBON:W10 ImpFlag-Tips, Bonus, Comm	Categ
10	IS10BON	IS10BON:W10 IncPart-Tips, Bonus, Comm	Cont
10	S10OBON	S10OBON:W10 Receives-Tips, Bonus, Comm	Categ
10	S10FBON	S10FBON:W10 ImpFlag-Tips, Bonus, Comm	Categ
10	IR102ND	IR102ND:W10 IncPart-2nd Job	Cont
10	R10O2ND	R10O2ND:W10 Receives-2nd Job	Categ
10	R10F2ND	R10F2ND:W10 ImpFlag-2nd Job	Categ
10	IS102ND	IS102ND:W10 IncPart-2nd Job	Cont
10	S10O2ND	S10O2ND:W10 Receives-2nd Job	Categ
10	S10F2ND	S10F2ND:W10 ImpFlag-2nd Job	Categ
10	IR10TRAD	IR10TRAD:W10 IncPart-Prof Prac, Trade	Cont
10	R10OTRAD	R10OTRAD:W10 Receives-Prof Prac, Trade	Categ
10	R10FTRAD	R10FTRAD:W10 ImpFlag-Prof Prac, Trade	Categ
10	IS10TRAD	IS10TRAD:W10 IncPart-Prof Prac, Trade	Cont
10	S10OTRAD	S10OTRAD:W10 Receives-Prof Prac, Trade	Categ
10	S10FTRAD	S10FTRAD:W10 ImpFlag-Prof Prac, Trade	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
IR10WAGE	4094	37426.61	44425.50	30.0	1400000.0
R10OWAGE	15372	0.27	0.44	0.0	1.0
R10FWAGE	15372	4.81	2.14	1.0	9.0
IS10WAGE	2927	39969.91	41551.20	30.0	550000.0
S10OWAGE	9672	0.30	0.46	0.0	1.0
S10FWAGE	15372	5.90	2.39	1.0	9.0
IR10BON	393	15446.03	32950.30	6.0	350000.0
R10OBON	15372	0.03	0.16	0.0	1.0
R10FBON	15372	5.92	0.79	1.0	9.0
IS10BON	284	17598.96	32808.81	6.0	200000.0
S10OBON	9672	0.03	0.17	0.0	1.0
S10FBON	15372	6.68	1.22	1.0	9.0
IR102ND	149	9061.16	18106.19	200.0	145000.0
R10O2ND	15372	0.01	0.10	0.0	1.0
R10F2ND	15372	5.99	0.53	1.0	9.0
IS102ND	95	9094.15	17779.95	300.0	145000.0

S1002ND	9672	0.01	0.10	0.0	1.0
S10F2ND	15372	6.74	1.06	1.0	9.0
IR10TRAD	401	41043.95	72369.08	10.0	1000000.0
R100TRAD	15372	0.03	0.16	0.0	1.0
R10FTRAD	15372	5.92	0.77	1.0	9.0
IS10TRAD	306	45799.37	79132.94	10.0	1000000.0
S100TRAD	9672	0.03	0.18	0.0	1.0
S10FTRAD	15372	6.68	1.21	1.0	9.0

Categorical Variable Codes

Value-----	R10OWAG	S10OWAG
.U=Unmar		5700
0.receives no income	11278	6745
1.receives income	4094	2927
Value-----	R10FWAG	S10FWAG
1.continuous value	3337	2390
2.complete bracket	404	260
3.incomplete bracket	46	41
5.no value/bracket	227	183
6.no income	11148	6640
7.DK if income	91	66
8.No spouse/partner		5700
9.no Fin Resp	119	92
Value-----	R10OBO	S10OBO
.U=Unmar		5700
0.receives no income	14979	9388
1.receives income	393	284
Value-----	R10FBO	S10FBO
1.continuous value	317	230
2.complete bracket	33	22
3.incomplete bracket	4	4
5.no value/bracket	31	24
6.no income	14767	9222
7.DK if income	101	78
8.No spouse/partner		5700
9.no Fin Resp	119	92
Value-----	R1002N	S1002N
.U=Unmar		5700
0.receives no income	15223	9577
1.receives income	149	95
Value-----	R10F2N	S10F2N
1.continuous value	119	75
2.complete bracket	12	8
3.incomplete bracket	2	1
5.no value/bracket	15	11
6.no income	15026	9425
7.DK if income	79	60
8.No spouse/partner		5700
9.no Fin Resp	119	92
Value-----	R100TRA	S100TRA
.U=Unmar		5700
0.receives no income	14971	9366
1.receives income	401	306
Value-----	R10FTRA	S10FTRA
1.continuous value	293	218

2.complete bracket	36	28
3.incomplete bracket	4	3
5.no value/bracket	59	50
6.no income	14746	9193
7.DK if income	115	88
8.No spouse/partner		5700
9.no Fin Resp	119	92

Notes:

R10IEARN and S10IEARN are based on these components.

HRS Variables Used

HRS 2010:

MQ019 R WAGES AND SALARY INCOME - LCY
 MQ020 R AMOUNT FROM WAGES AND SALARY LCY
 MQ021 R AMT FROM WAGES AND SALARY - MIN
 MQ022 R AMT FROM WAGES AND SALARY - MAX
 MQ023 R AMT FROM WAGES AND SALARY - RESULT
 MQ024 R INCOME FROM PROF PRAC OR TRADE - LCY
 MQ025 R AMOUNT FROM PROF PRAC OR TRADE LCY
 MQ026 R AMT FROM PROF PRAC OR TRADE - MIN
 MQ027 R AMT FROM PROF PRAC OR TRADE - MAX
 MQ028 R AMT FROM PROF PRAC OR TRADE - RESULT
 MQ029 R INCOME FROM TIP BONUS COMMISSION - LCY
 MQ030 R AMOUNT FROM TIP BONUS COMMISSION LCY
 MQ031 R AMT FR TIP BONUS COMMISSION - MIN
 MQ032 R AMT FR TIP BONUS COMMISSION - MAX
 MQ033 R AMT FR TIP BONUS COMMISSION - RESULT
 MQ034 R OTHER INCOME FROM WORK 2ND JOB - LCY
 MQ035 R AMOUNT FROM WORK 2ND JOB LCY
 MQ036 R AMT FROM WORK 2ND JOB - MIN
 MQ037 R AMT FROM WORK 2ND JOB - MAX
 MQ038 R AMT FROM WORK 2ND JOB - RESULT
 MQ044 SP WAGES AND SALARY INCOME - LCY
 MQ045 SP AMOUNT FROM WAGES AND SALARY LCY
 MQ046 SP AMT FROM WAGES AND SALARY - MIN
 MQ047 SP AMT FROM WAGES AND SALARY - MAX
 MQ048 SP AMT FROM WAGES AND SALARY - RESULT
 MQ049 SP INCOME FROM PROF PRAC TRADE - LCY
 MQ050 SP AMOUNT FROM PROF PRAC TRADE LCY
 MQ051 SP AMT FROM PROF PRAC TRADE - MIN
 MQ052 SP AMT FROM PROF PRAC TRADE - MAX
 MQ053 SP AMT FROM PROF PRAC TRADE - RESULT
 MQ054 SP INCOME FROM TIP BONUS COMMISS - LCY
 MQ055 SP AMOUNT FR TIP BONUS COMMISS LCY
 MQ056 SP AMT FR TIP BONUS COMMISS - MIN
 MQ057 SP AMT FR TIP BONUS COMMISS - MAX
 MQ058 SP AMT FR TIP BONUS COMMISS - RESULT
 MQ059 SP OTHER INC FROM WORK 2ND JOB - LCY
 MQ060 SP AMOUNT FROM WORK 2ND JOB LCY
 MQ061 SP AMT FROM WORK 2ND JOB - MIN
 MQ062 SP AMT FROM WORK 2ND JOB - MAX
 MQ063 SP AMT FROM WORK 2ND JOB - RESULT

Tracker:

MFINR 2010 WHETHER FINANCIAL RESPONDENT

Household Capital Income

Wave	Variable	Label	Type
10	IH10BUSIN	IH10BUSIN:W10 IncPart-Business Inc	Cont
10	H10OBUSIN	H10OBUSIN:W10 Receives-Business Inc	Categ
10	H10FBUSIN	H10FBUSIN:W10 ImpFlag-Business Inc	Categ
10	MQ161	BUSINESS INC REPORTED EARLIER IN IW	Categ
10	IH10RNTIN	IH10RNTIN:W10 IncPart-Rental Inc	Cont
10	H10ORNTIN	H10ORNTIN:W10 Receives-Rental Inc	Categ
10	H10FRNTIN	H10FRNTIN:W10 ImpFlag-Rental Inc	Categ
10	IH10DIVIN	IH10DIVIN:W10 IncPart-Dividend Inc	Cont
10	H10ODIVIN	H10ODIVIN:W10 Receives-Dividend Inc	Categ
10	H10FDIVIN	H10FDIVIN:W10 ImpFlag-Dividend Inc	Categ
10	IH10BNDIN	IH10BNDIN:W10 IncPart-Bonds Income	Cont
10	H10OBNDIN	H10OBNDIN:W10 Receives-Bonds Income	Categ
10	H10FBNDIN	H10FBNDIN:W10 ImpFlag-Bonds Income	Categ
10	IH10CHKIN	IH10CHKIN:W10 IncPart-Chk/Sv Interest Income	Cont
10	H10OCHKIN	H10OCHKIN:W10 Receives-Chk/Sv Interest Income	Categ
10	H10FCHKIN	H10FCHKIN:W10 ImpFlag-Chk/Sv Interest Income	Categ
10	IH10CDIN	IH10CDIN:W10 IncPart-CD Income	Cont
10	H10OCDIN	H10OCDIN:W10 Receives-CD Income	Categ
10	H10FCDIN	H10FCDIN:W10 ImpFlag-CD Income	Categ
10	IH10OTHI1	IH10OTHI1:W10 IncPart-Other HH Inc #1	Cont
10	H10OOTH11	H10OOTH11:W10 Receives-Other HH Inc #1	Categ
10	H10FOTH11	H10FOTH11:W10 ImpFlag-Other HH Inc #1	Categ
10	IR10SEMP	IR10SEMP:W10 IncPart-Self Employment Inc	Cont
10	R10OSEMP	R10OSEMP:W10 Receives-Self Employment Inc	Categ
10	R10FSEMP	R10FSEMP:W10 ImpFlag-Self Employment Inc	Categ
10	IS10SEMP	IS10SEMP:W10 IncPart-Self Employment Inc	Cont
10	S10OSEMP	S10OSEMP:W10 Receives-Self Employment Inc	Categ
10	S10FSEMP	S10FSEMP:W10 ImpFlag-Self Employment Inc	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
IH10BUSIN	986	38625.51	64804.89	13.0	720000.0
H10OBUSIN	15372	0.06	0.25	0.0	1.0
H10FBUSIN	15372	5.75	1.17	1.0	9.0
MQ161	1006	3.19	2.14	1.0	9.0
IH10RNTIN	1047	27072.30	50549.08	100.0	600000.0
H10ORNTIN	15372	0.07	0.25	0.0	1.0
H10FRNTIN	15372	5.72	1.24	1.0	9.0
IH10DIVIN	2711	9937.95	25524.05	2.0	400000.0
H10ODIVIN	15372	0.18	0.38	0.0	1.0
H10FDIVIN	15372	5.35	1.71	1.0	9.0
IH10BNDIN	692	18366.65	228435.26	24.0	6000000.0

H100BNDIN	15372	0.05	0.21	0.0	1.0
H10FBNDIN	15372	5.88	0.93	1.0	9.0
IH10CHKIN	6921	1203.06	7138.22	1.0	300000.0
H100CHKIN	15372	0.45	0.50	0.0	1.0
H10FCHKIN	15372	4.22	2.35	1.0	9.0
IH10CDIN	2169	2638.81	9362.93	1.0	300000.0
H100CDIN	15372	0.14	0.35	0.0	1.0
H10FCDIN	15372	5.51	1.53	1.0	9.0
IH10OTH11	247	17180.47	25979.86	1.0	120000.0
H100OTH11	15372	0.02	0.13	0.0	1.0
H10FOTH11	15372	5.98	0.64	1.0	9.0
IR10SEMP	1393	31235.13	66039.00	1.0	1200000.0
R10SEMP	15372	0.09	0.29	0.0	1.0
R10FSEMP	15372	5.62	1.37	1.0	9.0
IS10SEMP	1011	35087.87	63765.55	1.0	1000000.0
S10SEMP	9672	0.10	0.31	0.0	1.0
S10FSEMP	15372	6.47	1.65	1.0	9.0

Categorical Variable Codes

Value-----	H100BUSI
0.receive no income	14386
1.receive income	986

Value-----	H10FBUSI
1.continuous value	757
2.complete bracket	100
3.incomplete bracket	15
5.no value/bracket	111
6.no income	14163
7.DK if income	107
9.no Fin Resp	119

Value-----	MQ16
.: INAP, Partial Ivw	14366
1. Yes, told about earlier	477
5. No, did not tell about earlier	501
8. DK	25
9. RF	3

Value-----	H10ORNTI
0.receive no income	14325
1.receive income	1047

Value-----	H10FRNTI
1.continuous value	903
2.complete bracket	58
3.incomplete bracket	9
5.no value/bracket	69
6.no income	14062
7.DK if income	152
9.no Fin Resp	119

Value-----	H10ODIVI
0.receive no income	12661
1.receive income	2711

Value-----	H10FDIVI
1.continuous value	1592

2.complete bracket	581	
3.incomplete bracket	61	
5.no value/bracket	376	
6.no income	12161	
7.DK if income	482	
9.no Fin Resp	119	
Value-----	H10OBNDI	
0.receives no income	14680	
1.receives income	692	
Value-----	H10FBNDI	
1.continuous value	386	
2.complete bracket	134	
3.incomplete bracket	23	
5.no value/bracket	128	
6.no income	14180	
7.DK if income	402	
9.no Fin Resp	119	
Value-----	H10OCHKI	
0.receives no income	8451	
1.receives income	6921	
Value-----	H10FCHKI	
1.continuous value	4169	
2.complete bracket	1573	
3.incomplete bracket	134	
5.no value/bracket	755	
6.no income	7995	
7.DK if income	627	
9.no Fin Resp	119	
Value-----	H10OCDI	
0.receives no income	13203	
1.receives income	2169	
Value-----	H10FCDI	
1.continuous value	1153	
2.complete bracket	536	
3.incomplete bracket	39	
5.no value/bracket	372	
6.no income	12627	
7.DK if income	526	
9.no Fin Resp	119	
Value-----	H10OOTH	
0.receives no income	15125	
1.receives income	247	
Value-----	H10FOTH	
1.continuous value	173	
2.complete bracket	36	
3.incomplete bracket	1	
5.no value/bracket	30	
6.no income	14664	
7.DK if income	349	
9.no Fin Resp	119	
Value-----	R10OSEM	S10OSEM
.U=Unmar		5700
0.receives no income	13979	8661
1.receives income	1393	1011
Value-----	R10FSEM	S10FSEM
1.continuous value	1081	791
2.complete bracket	158	96

3.incomplete bracket	17	15
5.no value/bracket	115	95
6.no income	13805	8526
7.DK if income	77	57
8.No spouse/partner		5700
9.no Fin Resp	119	92

Notes:

H10ICAP is based on these components. For income from business, however, there is a question that asks whether this income was reported earlier in the interview (MQ161). If yes, the amount from business income (IH10BUSIN) is still imputed (or kept if an amount is present). It is NOT included in H10ICAP, as it is assumed to be double-reported, usually as self-employment income.

HRS Variables Used

HRS 2010:

MQ014	R INCOME FROM WORK SELF EMPL - LCY
MQ015	R AMOUNT FROM WORK SELF EMPL LCY
MQ016	R INCOME FROM SELF EMPLOYMENT - MIN
MQ017	R INCOME FROM SELF EMPLOYMENT - MAX
MQ018	R INCOME FROM SELF EMPLOYMENT - RESULT
MQ039	SP INCOME FROM SELF EMPLOYMENT - LCY
MQ040	SP AMOUNT FROM SELF EMPL INCOME LCY
MQ041	SP INC FROM SELF EMPL INC - MIN
MQ042	SP INC FROM SELF EMPL INC - MAX
MQ043	SP INC FROM SELF EMPL INC - RESULT
MQ133	REAL ESTATE ASSET
MQ138	RENTAL INCOME FROM THIS PROPERTY
MQ139	RENTAL INCOME RECEIVE HOW OFTEN
MQ141	RENTAL INCOME AMOUNT LAST PERIOD
MQ142	RENTAL INC SAME AMOUNT PER PERIOD
MQ143	RENTAL INCOME AMOUNT - LCY
MQ144	RENTAL INCOME AMT - MIN
MQ145	RENTAL INCOME AMT - MAX
MQ146	RENTAL INCOME AMT - RESULT
MQ147	BUSINESS OR FARM ASSETS
MQ152	BUSINESS OR FARM INCOME
MQ153	BUSINESS OR FARM INC RECEIVE HOW OFTEN
MQ155	BUSINESS OR FARM INC AMT LAST PERIOD
MQ156	BUSINESS OR FARM INC SAME AMT PER PERIOD
MQ157	BUSINESS OR FARM INC - LCY
MQ158	BUSINESS OR FARM INC - MIN
MQ159	BUSINESS OR FARM INC - MAX
MQ160	BUSINESS OR FARM INC - RESULT
MQ161	BUSINESS INC REPORTED EARLIER IN IW
MQ316	STOCK AND STOCK MUTUAL FUNDS
MQ321	STOCK INCOME
MQ322	STOCK INCOME HOW OFTEN
MQ324	STOCK INCOME AMOUNT LAST PERIOD
MQ325	STOCK INCOME AMOUNT SAME PER PERIOD
MQ326	STOCK INCOME AMOUNT - LCY
MQ327	STOCK INCOME AMOUNT - MIN
MQ328	STOCK INCOME AMOUNT - MAX
MQ329	STOCK INCOME AMOUNT - RESULT
MQ330	BOND ASSETS
MQ335	BOND ASSET INTEREST INCOME
MQ336	BOND INCOME HOW OFTEN
MQ338	BOND INCOME AMOUNT LAST PERIOD
MQ339	BOND INCOME AMOUNT SAME PER PERIOD
MQ340	BOND INCOME AMOUNT - LCY
MQ341	BOND INCOME AMOUNT - MIN

MQ342	BOND INCOME AMOUNT - MAX
MQ343	BOND INCOME AMOUNT - RESULT
MQ344	CHECKING SAVINGS MARKET FUNDS
MQ349	CHECKING INTEREST INCOME
MQ350	CHECKING INCOME HOW OFTEN
MQ352	CHECKING INCOME LAST PERIOD
MQ353	CHECKING INCOME PER PERIOD
MQ354	CHECKING INCOME AMOUNT - LCY
MQ356	CDS GOVT SAVINGS TBILLS
MQ361	CDS INTEREST INCOME
MQ362	CDS INCOME HOW OFTEN
MQ364	CDS INCOME LAST PERIOD
MQ365	CDS INCOME SAME PER PERIOD
MQ366	CDS INCOME AMOUNT - LCY
MQ367	CDS INCOME AMOUNT - MIN
MQ368	CDS INCOME AMOUNT - MAX
MQ369	CDS INCOME AMOUNT - RESULT
MQ375	OTHER ASSETS
MQ380	OTHER ASSET INCOME
MQ381	OTHER ASSET INCOME AMOUNT
MQ382	OTHER ASSET INCOME - MIN
MQ383	OTHER ASSET INCOME - MAX
MQ384	OTHER ASSET INCOME - RESULT
MQ494	CHECKING INCOME - MIN
MQ495	CHECKING INCOME - MAX
MQ496	CHECKING INCOME - RESULT

Individual Income from Employer Pension or Annuity

Wave	Variable	Label	Type
10	IR10PEN1	IR10PEN1:W10 IncPart-Pension #1 Inc	Cont
10	R10OPEN1	R10OPEN1:W10 Receives-Pension #1 Inc	Categ
10	R10FPEN1	R10FPEN1:W10 ImpFlag-Pension #1 Inc	Categ
10	R10MPEN1	R10MPEN1:W10 Monthly-Pension #1 Inc	Cont
10	R10NPEN1	R10NPEN1:W10 IncMons-Pension #1 Inc	Cont
10	R10NFPEN1	R10NFPEN1:W10 IncMon DK Flag-Pension #1 Inc	Categ
10	IS10PEN1	IS10PEN1:W10 IncPart-Pension #1 Inc	Cont
10	S10OPEN1	S10OPEN1:W10 Receives-Pension #1 Inc	Categ
10	S10FPEN1	S10FPEN1:W10 ImpFlag-Pension #1 Inc	Categ
10	S10MPEN1	S10MPEN1:W10 Monthly-Pension #1 Inc	Cont
10	S10NPEN1	S10NPEN1:W10 IncMons-Pension #1 Inc	Cont
10	S10NFPEN1	S10NFPEN1:W10 IncMon DK Flag-Pension #1 Inc	Categ
10	IR10PEN2	IR10PEN2:W10 IncPart-Pension #2 Inc	Cont
10	R10OPEN2	R10OPEN2:W10 Receives-Pension #2 Inc	Categ
10	R10FPEN2	R10FPEN2:W10 ImpFlag-Pension #2 Inc	Categ
10	R10MPEN2	R10MPEN2:W10 Monthly-Pension #2 Inc	Cont
10	R10NPEN2	R10NPEN2:W10 IncMons-Pension #2 Inc	Cont
10	R10NFPEN2	R10NFPEN2:W10 IncMon DK Flag-Pension #2 Inc	Categ
10	IS10PEN2	IS10PEN2:W10 IncPart-Pension #2 Inc	Cont
10	S10OPEN2	S10OPEN2:W10 Receives-Pension #2 Inc	Categ
10	S10FPEN2	S10FPEN2:W10 ImpFlag-Pension #2 Inc	Categ
10	S10MPEN2	S10MPEN2:W10 Monthly-Pension #2 Inc	Cont
10	S10NPEN2	S10NPEN2:W10 IncMons-Pension #2 Inc	Cont
10	S10NFPEN2	S10NFPEN2:W10 IncMon DK Flag-Pension #2 Inc	Categ
10	IR10PEN3	IR10PEN3:W10 IncPart-Pension #3 Inc	Cont
10	R10OPEN3	R10OPEN3:W10 Receives-Pension #3 Inc	Categ
10	R10FPEN3	R10FPEN3:W10 ImpFlag-Pension #3 Inc	Categ
10	R10MPEN3	R10MPEN3:W10 Monthly-Pension #3 Inc	Cont
10	R10NPEN3	R10NPEN3:W10 IncMons-Pension #3 Inc	Cont
10	R10NFPEN3	R10NFPEN3:W10 IncMon DK Flag-Pension #3 Inc	Categ
10	IS10PEN3	IS10PEN3:W10 IncPart-Pension #3 Inc	Cont
10	S10OPEN3	S10OPEN3:W10 Receives-Pension #3 Inc	Categ
10	S10FPEN3	S10FPEN3:W10 ImpFlag-Pension #3 Inc	Categ
10	S10MPEN3	S10MPEN3:W10 Monthly-Pension #3 Inc	Cont
10	S10NPEN3	S10NPEN3:W10 IncMons-Pension #3 Inc	Cont
10	S10NFPEN3	S10NFPEN3:W10 IncMon DK Flag-Pension #3 Inc	Categ
10	IR10ANN1	IR10ANN1:W10 IncPart-Annuity #1 Inc	Cont
10	R10OANN1	R10OANN1:W10 Receives-Annuity #1 Inc	Categ
10	R10FANN1	R10FANN1:W10 ImpFlag-Annuity #1 Inc	Categ
10	R10MANN1	R10MANN1:W10 Monthly-Annuity #1 Inc	Cont
10	R10NANN1	R10NANN1:W10 IncMons-Annuity #1 Inc	Cont
10	R10NFANN1	R10NFANN1:W10 IncMon DK Flag-Annuity #1 Inc	Categ
10	IS10ANN1	IS10ANN1:W10 IncPart-Annuity #1 Inc	Cont
10	S10OANN1	S10OANN1:W10 Receives-Annuity #1 Inc	Categ
10	S10FANN1	S10FANN1:W10 ImpFlag-Annuity #1 Inc	Categ
10	S10MANN1	S10MANN1:W10 Monthly-Annuity #1 Inc	Cont
10	S10NANN1	S10NANN1:W10 IncMons-Annuity #1 Inc	Cont
10	S10NFANN1	S10NFANN1:W10 IncMon DK Flag-Annuity #1 Inc	Categ
10	IR10ANN2	IR10ANN2:W10 IncPart-Annuity #2 Inc	Cont

10	R10OANN2	R10OANN2:W10	Receives-Annuity #2 Inc	Categ
10	R10FANN2	R10FANN2:W10	ImpFlag-Annuity #2 Inc	Categ
10	R10MANN2	R10MANN2:W10	Monthly-Annuity #2 Inc	Cont
10	R10NANN2	R10NANN2:W10	IncMons-Annuity #2 Inc	Cont
10	R10NFANN2	R10NFANN2:W10	IncMon DK Flag-Annuity #2 Inc	Categ
10	IS10ANN2	IS10ANN2:W10	IncPart-Annuity #2 Inc	Cont
10	S10OANN2	S10OANN2:W10	Receives-Annuity #2 Inc	Categ
10	S10FANN2	S10FANN2:W10	ImpFlag-Annuity #2 Inc	Categ
10	S10MANN2	S10MANN2:W10	Monthly-Annuity #2 Inc	Cont
10	S10NANN2	S10NANN2:W10	IncMons-Annuity #2 Inc	Cont
10	S10NFANN2	S10NFANN2:W10	IncMon DK Flag-Annuity #2 Inc	Categ
10	IR10ANN3	IR10ANN3:W10	IncPart-Annuity #3 Inc	Cont
10	R10OANN3	R10OANN3:W10	Receives-Annuity #3 Inc	Categ
10	R10FANN3	R10FANN3:W10	ImpFlag-Annuity #3 Inc	Categ
10	R10MANN3	R10MANN3:W10	Monthly-Annuity #3 Inc	Cont
10	R10NANN3	R10NANN3:W10	IncMons-Annuity #3 Inc	Cont
10	R10NFANN3	R10NFANN3:W10	IncMon DK Flag-Annuity #3 Inc	Categ
10	IS10ANN3	IS10ANN3:W10	IncPart-Annuity #3 Inc	Cont
10	S10OANN3	S10OANN3:W10	Receives-Annuity #3 Inc	Categ
10	S10FANN3	S10FANN3:W10	ImpFlag-Annuity #3 Inc	Categ
10	S10MANN3	S10MANN3:W10	Monthly-Annuity #3 Inc	Cont
10	S10NANN3	S10NANN3:W10	IncMons-Annuity #3 Inc	Cont
10	S10NFANN3	S10NFANN3:W10	IncMon DK Flag-Annuity #3 Inc	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
IR10PEN1	3878	16914.22	88459.81	0.0	5400000.0
R10OPEN1	15372	0.25	0.43	0.0	1.0
R10FPEN1	15372	4.87	2.12	1.0	9.0
R10MPEN1	3878	1440.80	7373.27	1.0	450000.0
R10NPEN1	3878	11.73	1.60	0.0	12.0
R10NFPEN1	3878	0.07	0.25	0.0	1.0
IS10PEN1	2141	18256.83	22020.53	0.0	516000.0
S10OPEN1	9672	0.22	0.42	0.0	1.0
S10FPEN1	15372	6.13	2.15	1.0	9.0
S10MPEN1	2141	1551.67	1843.90	1.0	43000.0
S10NPEN1	2141	11.79	1.37	0.0	12.0
S10NFPEN1	2141	0.06	0.24	0.0	1.0
IR10PEN2	635	5748.13	8629.04	0.0	124800.0
R10OPEN2	15372	0.04	0.20	0.0	1.0
R10FPEN2	15372	5.83	0.99	1.0	9.0
R10MPEN2	635	493.81	719.20	11.0	10400.0
R10NPEN2	635	11.53	2.20	0.0	12.0
R10NFPEN2	635	0.07	0.25	0.0	1.0
IS10PEN2	310	6250.10	10834.74	0.0	124800.0
S10OPEN2	9672	0.03	0.18	0.0	1.0
S10FPEN2	15372	6.67	1.24	1.0	9.0
S10MPEN2	310	538.28	904.19	11.0	10400.0
S10NPEN2	310	11.47	2.35	0.0	12.0
S10NFPEN2	310	0.05	0.21	0.0	1.0
IR10PEN3	84	15653.95	87776.32	300.0	801360.0
R10OPEN3	15372	0.01	0.07	0.0	1.0
R10FPEN3	15372	6.00	0.43	1.0	9.0
R10MPEN3	84	1304.50	7314.69	25.0	66780.0

R10NPEN3	84	12.00	0.00	12.0	12.0
R10NFPEN3	84	1.00	0.00	1.0	1.0
IS10PEN3	41	25947.80	124895.45	504.0	801360.0
S10OPEN3	9672	0.00	0.06	0.0	1.0
S10FPEN3	15372	6.75	1.02	1.0	9.0
S10MPEN3	41	2162.32	10407.95	42.0	66780.0
S10NPEN3	41	12.00	0.00	12.0	12.0
S10NFPEN3	41	1.00	0.00	1.0	1.0
IR10ANN1	717	10998.52	19797.60	0.0	241534.1
R10OANN1	15372	0.05	0.21	0.0	1.0
R10FANN1	15372	5.85	0.99	1.0	9.0
R10MANN1	717	1149.12	3454.18	2.7	80000.0
R10NANN1	717	10.92	3.00	0.0	12.0
R10NFANN1	717	0.15	0.36	0.0	1.0
IS10ANN1	357	10260.19	15408.40	0.0	102711.7
S10OANN1	9672	0.04	0.19	0.0	1.0
S10FANN1	15372	6.67	1.25	1.0	9.0
S10MANN1	357	951.65	1347.71	2.7	8559.3
S10NANN1	357	10.92	2.97	0.0	12.0
S10NFANN1	357	0.13	0.33	0.0	1.0
IR10ANN2	121	8008.06	17178.82	0.0	168000.0
R10OANN2	15372	0.01	0.09	0.0	1.0
R10FANN2	15372	5.99	0.48	1.0	9.0
R10MANN2	121	763.59	1582.01	29.2	14000.0
R10NANN2	121	11.48	2.26	0.0	12.0
R10NFANN2	121	0.18	0.39	0.0	1.0
IS10ANN2	54	5800.74	7706.88	0.0	36000.0
S10OANN2	9672	0.01	0.07	0.0	1.0
S10FANN2	15372	6.75	1.03	1.0	9.0
S10MANN2	54	537.38	690.57	29.2	3000.0
S10NANN2	54	11.44	2.37	0.0	12.0
S10NFANN2	54	0.19	0.39	0.0	1.0
IR10ANN3	51	32661.69	167498.71	96.0	1200000.0
R10OANN3	15372	0.00	0.06	0.0	1.0
R10FANN3	15372	6.01	0.37	1.0	9.0
R10MANN3	51	2721.81	13958.23	8.0	100000.0
R10NANN3	51	12.00	0.00	12.0	12.0
R10NFANN3	51	1.00	0.00	1.0	1.0
IS10ANN3	20	9863.11	19160.20	180.3	84000.0
S10OANN3	9672	0.00	0.05	0.0	1.0
S10FANN3	15372	6.75	1.00	1.0	9.0
S10MANN3	20	821.93	1596.68	15.0	7000.0
S10NANN3	20	12.00	0.00	12.0	12.0
S10NFANN3	20	1.00	0.00	1.0	1.0

Categorical Variable Codes

Value-----	R10OPEN	S10OPEN
.U=Unmar		5700
0.receives no income	11494	7531
1.receives income	3878	2141

Value-----	R10FPEN	S10FPEN
1.continuous value	3331	1816
2.complete bracket	201	116

3.incomplete bracket	50	22
5.no value/bracket	236	155
6.no income	11246	7360
7.DK if income	189	111
8.No spouse/partner		5700
9.no Fin Resp	119	92
Value-----	R10NFPEN	S10NFPEN
.: N/A	11494	7531
.U=Unmar		5700
0.num mos known	3613	2012
1.DK num mos,used 12	265	129
Value-----	R10OPEN	S10OPEN
.U=Unmar		5700
0.receives no income	14737	9362
1.receives income	635	310
Value-----	R10FPEN	S10FPEN
1.continuous value	552	270
2.complete bracket	24	12
3.incomplete bracket	4	2
5.no value/bracket	47	23
6.no income	14617	9268
7.DK if income	9	5
8.No spouse/partner		5700
9.no Fin Resp	119	92
Value-----	R10NFPEN	S10NFPEN
.: N/A	14737	9362
.U=Unmar		5700
0.num mos known	592	295
1.DK num mos,used 12	43	15
Value-----	R10OPEN	S10OPEN
.U=Unmar		5700
0.receives no income	15288	9631
1.receives income	84	41
Value-----	R10FPEN	S10FPEN
1.continuous value	68	36
2.complete bracket	7	1
5.no value/bracket	9	4
6.no income	15160	9534
7.DK if income	9	5
8.No spouse/partner		5700
9.no Fin Resp	119	92
Value-----	R10NFPEN	S10NFPEN
.: N/A	15288	9631
.U=Unmar		5700
1.DK num mos,used 12	84	41
Value-----	R10OANN	S10OANN
.U=Unmar		5700
0.receives no income	14655	9315
1.receives income	717	357
Value-----	R10FANN	S10FANN
1.continuous value	496	252
2.complete bracket	86	38
3.incomplete bracket	18	6
5.no value/bracket	102	56
6.no income	14248	9053
7.DK if income	303	175
8.No spouse/partner		5700
9.no Fin Resp	119	92

Value-----	R10NFANN	S10NFANN
.: N/A	14655	9315
.U=Unmar		5700
0.num mos known	609	312
1.DK num mos,used 12	108	45
Value-----	R10OANN	S10OANN
.U=Unmar		5700
0.receives no income	15251	9618
1.receives income	121	54
Value-----	R10FANN	S10FANN
1.continuous value	86	39
2.complete bracket	18	5
3.incomplete bracket	3	
5.no value/bracket	14	10
6.no income	15113	9520
7.DK if income	19	6
8.No spouse/partner		5700
9.no Fin Resp	119	92
Value-----	R10NFANN	S10NFANN
.: N/A	15251	9618
.U=Unmar		5700
0.num mos known	99	44
1.DK num mos,used 12	22	10
Value-----	R10OANN	S10OANN
.U=Unmar		5700
0.receives no income	15321	9652
1.receives income	51	20
Value-----	R10FANN	S10FANN
1.continuous value	36	16
2.complete bracket	10	1
5.no value/bracket	4	3
6.no income	15184	9554
7.DK if income	19	6
8.No spouse/partner		5700
9.no Fin Resp	119	92
Value-----	R10NFANN	S10NFANN
.: N/A	15321	9652
.U=Unmar		5700
1.DK num mos,used 12	51	20

Notes:

Pensions and annuities are imputed as monthly values (R10MPEN1 to R10MPEN3, R10MANN1 to R10MANN3, S10MPEN1 to S10MPEN3, S10MANN1 to S10MANN3) which are multiplied by the number of months received in the last calendar year (R10NPEN1 to R10NPEN3, R10NANN1 to R10NANN3, S10NPEN1 to S10NPEN3, S10NANN1 to S10NANN3) to get an annual amount (IR10PEN1 to IR10PEN3, IR10ANN1 to IR10ANN3, IS10PEN1 to IS10PEN3, IS10ANN1 to IS10ANN3). If it can be determined that the respondent began receiving this income in the last calendar year but not the exact number of months, the number of months received was set to six. Prior to wave 10, they were set to 12 months. When there is no information on the number of months, a full year (12 months) is assumed and a flag is set (R10NFPEN1 to R10NFPEN3, R10NFANN1 to R10NFANN3, S10NFPEN1 to S10NFPEN3, S10NFANN1 to S10NFANN3).

Beginning with wave 10 as part of HRS 2010, those who report receiving \$0 in the last month for their first or second annuities are asked if they received any income in the last year and the amount in total they received.

HHIDPN=33242020 reported a monthly first pension amount of \$450,000. Since they were missing month and year began, they were assumed to have received it for 12 months. This resulted in an annual first pension amount of \$5,400,000.

HHIDPN=14449010 reported from third or higher pensions a total monthly amount of \$66,780. Month and year began were not collected so it was assumed they were collected for 12 months. This resulted in an annual amount of \$801,360.

HHIDPN=60278020 reported a total monthly amount from third and higher annuities of \$100,000. Month and year began were not collected so it was assumed they were collected for 12 months. This resulted in an annual amount of \$1,200,000.

There were a handful of cases where a respondent was imputed as a non owner of a first pension or annuity and then was later imputed to own a second or third pension or annuity. This inconsistency will be corrected in the next release.

HRS Variables Used

HRS 2010:

MQ215	PENSION RETIREMENT INCOME
MQ216	WHO REC PENSION RETIREMENT INC
MQ217	R INCOME FR MORE THAN ONE PENSION
MQ218	NUMBER OF PENSIONS R RECEIVED
MQ220_1	R AMT RECV FR PENSION - LAST MONTH -1
MQ220_2	R AMT RECV FR PENSION - LAST MONTH -2
MQ221_1	R AMT RECV FROM PENSION - MIN -1
MQ221_2	R AMT RECV FROM PENSION - MIN -2
MQ222_1	R AMT RECV FROM PENSION - MAX -1
MQ222_2	R AMT RECV FROM PENSION - MAX -2
MQ223_1	R AMT RECV FROM PENSION - RESULT -1
MQ223_2	R AMT RECV FROM PENSION - RESULT -2
MQ231_1	R YEAR PENSION STARTED -1
MQ231_2	R YEAR PENSION STARTED -2
MQ232_1	R MONTH PENSION STARTED -1
MQ232_2	R MONTH PENSION STARTED -2
MQ238	OTHER PENSIONS
MQ243	SP PENSION
MQ244	SP NUMBER OF PENSIONS
MQ246_1	SP AMT RECV FR PENSION - LAST MONTH -1
MQ246_2	SP AMT RECV FR PENSION - LAST MONTH -2
MQ247_1	SP AMT RECV FROM PENSION - MIN -1
MQ247_2	SP AMT RECV FROM PENSION - MIN -2
MQ248_1	SP AMT RECV FROM PENSION - MAX -1
MQ248_2	SP AMT RECV FROM PENSION - MAX -2
MQ249_1	SP AMT RECV FROM PENSION - RESULT -1
MQ249_2	SP AMT RECV FROM PENSION - RESULT -2
MQ257_1	SP YEAR PENSION STARTED -1
MQ257_2	SP YEAR PENSION STARTED -2
MQ258_1	SP MONTH PENSION STARTED -1
MQ258_2	SP MONTH PENSION STARTED -2
MQ264	SP ALL OTH PENS AMT REC - LAST MONTH
MQ273	R OR SP INCOME FROM ANNUITIES
MQ274	WHO RECEIVED INC FROM ANNUITIES
MQ275	R INCOME FROM MORE THAN ONE ANNUITIES
MQ276	R NUMBER OF ANNUITIES INCOME
MQ278_1	R AMT FROM ANNUITY - LAST MONTH -1
MQ278_2	R AMT FROM ANNUITY - LAST MONTH -2
MQ279_1	R AMT FROM ANNUITY - MIN -1
MQ279_2	R AMT FROM ANNUITY - MIN -2
MQ280_1	R AMT FROM ANNUITY - MAX -1
MQ280_2	R AMT FROM ANNUITY - MAX -2
MQ281_1	R AMT FROM ANNUITY - RESULT -1
MQ281_2	R AMT FROM ANNUITY - RESULT -2

MQ283_1 R YEAR ANNUITY PMT STARTED -1
MQ283_2 R YEAR ANNUITY PMT STARTED -2
MQ284_1 R MONTH ANNUITY PMT STARTED -1
MQ284_2 R MONTH ANNUITY PMT STARTED -2
MQ290 OTHER ANNUITIES
MQ295 MORE THAN ONE ANNUITY SP
MQ296 NUMBER OF ANNUITIES SP
MQ298_1 SP AMT FROM ANNUITY - LAST MONTH -1
MQ298_2 SP AMT FROM ANNUITY - LAST MONTH -2
MQ299_1 SP AMT FROM ANNUITY - MIN -1
MQ299_2 SP AMT FROM ANNUITY - MIN -2
MQ300_1 SP AMT FROM ANNUITY - MAX -1
MQ300_2 SP AMT FROM ANNUITY - MAX -2
MQ301_1 SP AMT FROM ANNUITY - RESULT -1
MQ301_2 SP AMT FROM ANNUITY - RESULT -2
MQ303_1 SP YEAR ANNUITY PMT STARTED -1
MQ303_2 SP YEAR ANNUITY PMT STARTED -2
MQ304_1 SP MONTH ANNUITY PMT STARTED -1
MQ304_2 SP MONTH ANNUITY PMT STARTED -2
MQ310 SP OTH ANNUIT PMT AMT LAST MONTH
MQ524_1 R INCOME FROM ANNUITY - LAST YEAR -1
MQ524_2 R INCOME FROM ANNUITY - LAST YEAR -2
MQ525_1 R AMOUNT FROM ANNUITY - LAST YEAR -1
MQ525_2 R AMOUNT FROM ANNUITY - LAST YEAR -2
MQ526 R INCOME FROM OTHER ANNUITY - LAST YEAR
MQ527 R AMOUNT FROM OTHER ANNUITY - LAST YEAR
MQ528_1 SP INCOME FROM ANNUITY - LAST YEAR -1
MQ529_1 SP AMOUNT FROM ANNUITY - LAST YEAR -1
MQ530 SP INCOME FROM OTHER ANNUITY - LAST YEAR
MQ531 SP AMOUNT FROM OTHER ANNUITY - LAST YR

Tracker:
MFINR 2010 WHETHER FINANCIAL RESPONDENT

Individual Income from Social Security DI or SSI

Wave	Variable	Label	Type
10	IR10SDI	IR10SDI:W10 IncPart-SocSec DI	Cont
10	R10ISDI	R10ISDI:W10 IncPart-SocSec DI/=IR10SDI	Cont
10	R10OSDI	R10OSDI:W10 Receives-SocSec DI	Categ
10	R10FSDI	R10FSDI:W10 ImpFlag-SocSec DI	Categ
10	R10MSDI	R10MSDI:W10 Monthly-SocSec DI	Cont
10	R10NSDI	R10NSDI:W10 IncMons-SocSec DI	Cont
10	R10NFSDI	R10NFSDI:W10 IncMon DK Flag-SocSec DI	Categ
10	IS10SDI	IS10SDI:W10 IncPart-SocSec DI	Cont
10	S10ISDI	S10ISDI:W10 IncPart-SocSec DI/=IS10SDI	Cont
10	S10OSDI	S10OSDI:W10 Receives-SocSec DI	Categ
10	S10FSDI	S10FSDI:W10 ImpFlag-SocSec DI	Categ
10	S10MSDI	S10MSDI:W10 Monthly-SocSec DI	Cont
10	S10NSDI	S10NSDI:W10 IncMons-SocSec DI	Cont
10	S10NFSDI	S10NFSDI:W10 IncMon DK Flag-SocSec DI	Categ
10	IH10SSI	IH10SSI:W10 IncPart-SSI Inc	Cont
10	H10OSSI	H10OSSI:W10 Receives-SSI Inc	Categ
10	H10FSSI	H10FSSI:W10 ImpFlag-SSI Inc	Categ
10	H10MSSI	H10MSSI:W10 Monthly-SSI Inc	Cont
10	H10NSSI	H10NSSI:W10 IncMons-SSI Inc	Cont
10	H10NFSSI	H10NFSSI:W10 IncMon DK Flag-SSI Inc	Categ
10	R10ISSI	R10ISSI:W10 IncPart-SSI Inc/alloc from IH10SSI	Cont
10	S10ISSI	S10ISSI:W10 IncPart-SSI Inc/alloc from IH10SSI	Cont
10	MQ106	WHO RECEIVED INC FROM SSI LAST MONTH	Categ
10	MQR106	WHO RECEIVED INC FROM SSI LAST MONTH/Self	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
IR10SDI	386	12645.95	6336.80	1245.0	46801.7
R10ISDI	15372	317.55	2218.30	0.0	46801.7
R10OSDI	15372	0.03	0.16	0.0	1.0
R10FSDI	15372	5.91	0.77	1.0	9.0
R10MSDI	386	1087.13	517.42	118.0	3900.1
R10NSDI	386	11.64	1.54	1.0	12.0
R10NFSDI	386	0.03	0.18	0.0	1.0
IS10SDI	238	12818.73	6681.04	0.0	46801.7
S10ISDI	9672	315.43	2244.60	0.0	46801.7
S10OSDI	9672	0.02	0.15	0.0	1.0
S10FSDI	15372	6.69	1.17	1.0	9.0
S10MSDI	238	1112.81	542.08	136.0	3900.1
S10NSDI	238	11.57	1.86	0.0	12.0
S10NFSDI	238	0.07	0.26	0.0	1.0
IH10SSI	630	5172.27	4015.39	0.0	19200.0
H10OSSI	15372	0.04	0.20	0.0	1.0
H10FSSI	15372	5.85	0.98	1.0	9.0
H10MSSI	630	452.92	332.90	2.0	1600.0
H10NSSI	630	11.49	2.20	0.0	12.0
H10NFSSI	630	0.08	0.27	0.0	1.0

R10ISSI	15372	165.68	1110.05	0.0	19200.0
S10ISSI	9672	73.58	770.72	0.0	19200.0
MQ106	645	1.35	0.66	1.0	3.0
MQR106	645	1.35	0.66	1.0	3.0

Categorical Variable Codes

Value-----	R10OSD	S10OSD
.U=Unmar		5700
0.receive no income	14986	9434
1.receive income	386	238
Value-----	R10FSD	S10FSD
1.continuous value	327	188
2.complete bracket	11	9
3.incomplete bracket	4	4
5.no value/bracket	41	32
6.no income	14852	9317
7.DK if income	48	43
8.No spouse/partner		5700
9.no Fin Resp	89	79
Value-----	R10NFSD	S10NFSD
.: N/A	14986	9434
.U=Unmar		5700
0.num mos known	373	221
1.DK num mos,used 12	13	17
Value-----	H10OSS	
0.receive no income	14742	
1.receive income	630	
Value-----	H10FSS	
1.continuous value	533	
2.complete bracket	28	
3.incomplete bracket	5	
5.no value/bracket	54	
6.no income	14481	
7.DK if income	152	
9.no Fin Resp	119	
Value-----	H10NFSS	
.: N/A	14742	
0.num mos known	580	
1.DK num mos,used 12	50	
Value-----	MQ10	MQR10
.: INAP, Partial Ivw	14727	14727
1. RESPONDENT ONLY	488	487
2. SPOUSE/PARTNER ONLY	90	91
3. BOTH	67	67

Notes:

R10ISSDI and S10ISSDI are based on these components.

Social Security income is determined to be disability or retirement by examining variables in the disability module and respondent age.

Both Social Security and SSI are given as monthly amounts (R10MSDI, S10MSDI, H10MSSI), which are multiplied by the appropriate number of months (R10NSDI, S10NSDI, H10NSSI) to derive the amount received in the last calendar year (IR10SDI, IS10SDI, IH10SSI).

If the start month is missing and the start year is within the last year, the number of months is set to six and a flag is set to one (R10NFSDI, S10NFSDI, H10NFSSI). If both the start month and year are missing, the number of months is set to 12 and a flag is set to one (R10NFSDI, S10NFSDI, H10NFSSI).

SSI is reported as a household amount but allocated to respondent or spouse. In a single household it is assigned to the respondent. In a couple household it is allocated to the respondent and/or spouse using MQ106 which indicates who receives SSI. MQ106 provides the financial respondent's answer to this question; MQR106 has been adjusted for the non-financial respondent, so that 1 indicates self and 2 indicates spouse. If MQ106 is missing or both, the household amount is split evenly between the respondent and spouse. R10ISSI and S10ISSI reflect the last calendar year amounts allocated to respondent and spouse, respectively.

R10ISDI and S10ISDI are identical to IR10SDI and IS10SDI. R10ISDI and S10ISDI are included as they appear on the RAND HRS.

HRS Variables Used

HRS 2010:

MM030	HM030 REC SSDI/SSI/BOTH
MMW234C	HM032B2 SSDI START-YR -2
MMW234I	HM040K SSDI START-YR -3
MMW234Q	HM648B1 SSDI START YEAR-1
MMW234R	HM648B2 SSDI START-YR -2
MMW238A	HM030F1 STILL RECEIVING SSDI BENEFITS -1
MMW238C	HM032F1 STILL RECEIVING SSDI BENEFITS -2
MMW238I	HM040P STILL RECEIVING SSDI BENEFITS -3
MMW238Q	HM648F1 STILL REC SSDI BENS-1
MMW238R	HM648F2 STILL RECEIVING SSDI BENEFITS -2
MMW244A	HM030K1 SSDI STOP-YR
MMW244C	HM030L1 SSDI STOP-YR -2
MMW244I	HM032L1 SSDI STOP-YR -3
MMW244Q	SSDI STOP YEAR-1
MMW244R	HM648L2 SSDI STOP-YR -2
MQ084	SP SOCIAL SECURITY INCOME
MQ085	R AMOUNT OF SS INCOME - LAST MONTH
MQ086	R AMT FROM SS INCOME - MIN
MQ087	R AMT FROM SS INCOME - MAX
MQ088	R AMT FROM SS INCOME - RESULT
MQ089	R YEAR STARTED TO RECEIVE SS BENEFITS
MQ090	R MONTH STARTED TO RECEIVE SS BENEFITS
MQ091	SP AMOUNT OF SS INCOME - LAST MONTH
MQ092	SP AMT FROM SS INCOME - MIN
MQ093	SP AMT FROM SS INCOME - MAX
MQ094	SP AMT FROM SS INCOME - RESULT
MQ095	SP YEAR STARTED TO RECEIVE SS BENEFITS
MQ096	SP MONTH STARTED TO RECEIVE SS BENEFITS
MQ105	R OR SP INCOME FROM SSI - LAST MONTH
MQ106	WHO RECEIVED INC FROM SSI LAST MONTH
MQ106	WHO RECEIVED INC FROM SSI LAST MONTH
MQ107	AMOUNT RECEIVED FROM SSI LAST MONTH
MQ108	AMT RECEIVED FROM SSI - MIN
MQ109	AMT RECEIVED FROM SSI - MAX
MQ110	AMT RECEIVED FROM SSI - RESULT
MQ111	YEAR STARTED TO RECEIVE SSI INCOME
MQ112	MONTH STARTED TO RECEIVE SSI INCOME
MZ125	PREV WAVE R RECEIVES SS
MZ126	PREV WAVE S/P RECEIVES SS
MZ127	PREV WAVE R RECEIVES SSI

Tracker:

MFINR	2010 WHETHER FINANCIAL RESPONDENT
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Individual Income from Social Security Retirement
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Wave	Variable	Label	Type
10	IR10SS	IR10SS:W10 IncPart-SocSec Retire, Surv	Cont
10	R10OSS	R10OSS:W10 Receives-SocSec Retire, Surv	Categ
10	R10FSS	R10FSS:W10 ImpFlag-SocSec Retire, Surv	Categ
10	R10MSS	R10MSS:W10 Monthly-SocSec Retire, Surv	Cont
10	R10NSS	R10NSS:W10 IncMons-SocSec Retire, Surv	Cont
10	R10NFSS	R10NFSS:W10 IncMon DK Flag-SocSec Retire, Surv	Categ
10	IS10SS	IS10SS:W10 IncPart-SocSec Retire, Surv	Cont
10	S10OSS	S10OSS:W10 Receives-SocSec Retire, Surv	Categ
10	S10FSS	S10FSS:W10 ImpFlag-SocSec Retire, Surv	Categ
10	S10MSS	S10MSS:W10 Monthly-SocSec Retire, Surv	Cont
10	S10NSS	S10NSS:W10 IncMons-SocSec Retire, Surv	Cont
10	S10NFSS	S10NFSS:W10 IncMon DK Flag-SocSec Retire, Surv	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
IR10SS	10810	12473.28	6420.06	0.0	50829.5
R10OSS	15372	0.70	0.46	0.0	1.0
R10FSS	15372	2.85	2.34	1.0	9.0
R10MSS	10810	1068.95	524.41	1.0	4235.8
R10NSS	10810	11.71	1.68	0.0	12.0
R10NFSS	10810	0.02	0.13	0.0	1.0
IS10SS	6315	12285.23	6713.67	0.0	50829.5
S10OSS	9672	0.65	0.48	0.0	1.0
S10FSS	15372	4.93	3.04	1.0	9.0
S10MSS	6315	1059.57	547.45	1.0	4235.8
S10NSS	6315	11.64	1.86	0.0	12.0
S10NFSS	6315	0.02	0.15	0.0	1.0

Categorical Variable Codes

Value-----	R10OS	S10OS
.U=Unmar		5700
0.receives no income	4562	3357
1.receives income	10810	6315
Value-----	R10FS	S10FS
1.continuous value	8800	5101
2.complete bracket	836	452
3.incomplete bracket	156	86
5.no value/bracket	932	606
6.no income	4511	3305
7.DK if income	48	43
8.No spouse/partner		5700
9.no Fin Resp	89	79
Value-----	R10NFS	S10NFS
.: N/A	4562	3357
.U=Unmar		5700
0.num mos known	10625	6163
1.DK num mos,used 12	185	152

Notes:

R10ISRET and S10ISRET are based on these components.

Social Security income is determined to be disability or retirement by examining variables in the disability module and respondent age.

It is given as a monthly amount (R10MSS, S10MSS), which is multiplied by the appropriate number of months (R10NSS, S10NSS) to derive the amount received in the last calendar year (IR10SS, IS10SS). If the start month is missing and the start year is within the past year, the number of months received is set to six and a flag is set to one (R10NFSS, S10NFSS). If both the start month and year are unknown, the number of months received is set to 12 and a flag is set to one (R10NFSS, S10NFSS).

HRS Variables Used

HRS 2010:

MM030	HM030 REC SSDI/SSI/BOTH
MMW234C	HM032B2 SSDI START-YR -2
MMW234I	HM040K SSDI START-YR -3
MMW234Q	HM648B1 SSDI START YEAR-1
MMW234R	HM648B2 SSDI START-YR -2
MMW238A	HM030F1 STILL RECEIVING SSDI BENEFITS -1
MMW238C	HM032F1 STILL RECEIVING SSDI BENEFITS -2
MMW238I	HM040P STILL RECEIVING SSDI BENEFITS -3
MMW238Q	HM648F1 STILL REC SSDI BENS-1
MMW238R	HM648F2 STILL RECEIVING SSDI BENEFITS -2
MMW244A	HM030K1 SSDI STOP-YR
MMW244C	HM030L1 SSDI STOP-YR -2
MMW244I	HM032L1 SSDI STOP-YR -3
MMW244Q	SSDI STOP YEAR-1
MMW244R	HM648L2 SSDI STOP-YR -2
MQ084	SP SOCIAL SECURITY INCOME
MQ085	R AMOUNT OF SS INCOME - LAST MONTH
MQ086	R AMT FROM SS INCOME - MIN
MQ087	R AMT FROM SS INCOME - MAX
MQ088	R AMT FROM SS INCOME - RESULT
MQ089	R YEAR STARTED TO RECEIVE SS BENEFITS
MQ090	R MONTH STARTED TO RECEIVE SS BENEFITS
MQ091	SP AMOUNT OF SS INCOME - LAST MONTH
MQ092	SP AMT FROM SS INCOME - MIN
MQ093	SP AMT FROM SS INCOME - MAX
MQ094	SP AMT FROM SS INCOME - RESULT
MQ095	SP YEAR STARTED TO RECEIVE SS BENEFITS
MQ096	SP MONTH STARTED TO RECEIVE SS BENEFITS
MZ125	PREV WAVE R RECEIVES SS
MZ126	PREV WAVE S/P RECEIVES SS
Tracker:	
MFINR	2010 WHETHER FINANCIAL RESPONDENT

Individual Unemployment or Workers Compensation
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Wave	Variable	Label	Type
10	IR10UNEM	IR10UNEM:W10 IncPart-Unemployment	Cont
10	R10OUNEM	R10OUNEM:W10 Receives-Unemployment	Categ
10	R10FUNEM	R10FUNEM:W10 ImpFlag-Unemployment	Categ
10	IS10UNEM	IS10UNEM:W10 IncPart-Unemployment	Cont
10	S10OUNEM	S10OUNEM:W10 Receives-Unemployment	Categ
10	S10FUNEM	S10FUNEM:W10 ImpFlag-Unemployment	Categ
10	IR10WCMP	IR10WCMP:W10 IncPart-Workers Comp	Cont
10	R10OWCMP	R10OWCMP:W10 Receives-Workers Comp	Categ
10	R10FWCMP	R10FWCMP:W10 ImpFlag-Workers Comp	Categ
10	IS10WCMP	IS10WCMP:W10 IncPart-Workers Comp	Cont
10	S10OWCMP	S10OWCMP:W10 Receives-Workers Comp	Categ
10	S10FWCMP	S10FWCMP:W10 ImpFlag-Workers Comp	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
IR10UNEM	424	5829.73	5392.21	106.0	28000.0
R10OUNEM	15372	0.03	0.16	0.0	1.0
R10FUNEM	15372	5.90	0.81	1.0	9.0
IS10UNEM	287	6022.95	5341.96	57.0	25000.0
S10OUNEM	9672	0.03	0.17	0.0	1.0
S10FUNEM	15372	6.68	1.22	1.0	9.0
IR10WCMP	49	6435.87	6810.80	300.0	30000.0
R10OWCMP	15372	0.00	0.06	0.0	1.0
R10FWCMP	15372	6.01	0.37	1.0	9.0
IS10WCMP	43	7414.18	7315.15	400.0	30000.0
S10OWCMP	9672	0.00	0.07	0.0	1.0
S10FWCMP	15372	6.75	1.02	1.0	9.0

Categorical Variable Codes

Value-----	R10OUNE	S10OUNE
.U=Unmar		5700
0.receives no income	14948	9385
1.receives income	424	287
Value-----	R10FUNE	S10FUNE
1.continuous value	321	213
2.complete bracket	62	47
3.incomplete bracket	5	5
5.no value/bracket	25	17
6.no income	14767	9242
7.DK if income	73	56
8.No spouse/partner		5700
9.no Fin Resp	119	92
Value-----	R10OWCM	S10OWCM
.U=Unmar		5700
0.receives no income	15323	9629
1.receives income	49	43

Value-----	R10FWCM	S10FWCM
1.continuous value	33	29
2.complete bracket	10	8
5.no value/bracket	6	6
6.no income	15133	9486
7.DK if income	71	51
8.No spouse/partner		5700
9.no Fin Resp	119	92

Notes:

R10UNWC and S10UNWC are based on these components.

HRS Variables Used

HRS 2010:

MQ010	R OR SP WORK FOR PAY - LCY
MQ064	R OR SP INCOME FROM UNEMPLOYMENT - LCY
MQ065	WHO RECEIVED INC FROM UNEMPLOYMENT LCY
MQ066	R AMOUNT FROM UNEMPLOYMENT - LCY
MQ067	R AMT FROM UNEMPLOYMENT- MIN
MQ068	R AMT FROM UNEMPLOYMENT - MAX
MQ070	SP AMOUNT FROM UNEMPLOYMENT - LCY
MQ071	SP AMT FROM UNEMPLOYMENT - MIN
MQ072	SP AMT FROM UNEMPLOYMENT - MAX
MQ074	R OR SP INCOME FROM WORKERS COMP - LCY
MQ075	WHO RECEIVED FROM WORKERS COMP LCY
MQ076	R AMOUNT FROM WORKERS COMP LCY
MQ077	R AMT FROM WORKERS COMP - MIN
MQ078	R AMT FROM WORKERS COMP - MAX
MQ080	SP AMOUNT FROM WORKERS COMP LCY
MQ081	SP AMT FROM WORKERS COMP - MIN
MQ082	SP AMT FROM WORKERS COMP - MAX

Tracker:

MFINR	2010 WHETHER FINANCIAL RESPONDENT
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Individual income from other government transfers
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Wave	Variable	Label	Type
10	IR10VET	IR10VET:W10 IncPart-Veteran Benefits	Cont
10	R10OVET	R10OVET:W10 Receives-Veteran Benefits	Categ
10	R10FVET	R10FVET:W10 ImpFlag-Veteran Benefits	Categ
10	R10MVET	R10MVET:W10 Monthly-Veteran Benefits	Cont
10	R10NVET	R10NVET:W10 IncMons-Veteran Benefits	Cont
10	R10NFVET	R10NFVET:W10 IncMon DK Flag-Veteran Benefits	Categ
10	IS10VET	IS10VET:W10 IncPart-Veteran Benefits	Cont
10	S10OVET	S10OVET:W10 Receives-Veteran Benefits	Categ
10	S10FVET	S10FVET:W10 ImpFlag-Veteran Benefits	Categ
10	S10MVET	S10MVET:W10 Monthly-Veteran Benefits	Cont
10	S10NVET	S10NVET:W10 IncMons-Veteran Benefits	Cont
10	S10NFVET	S10NFVET:W10 IncMon DK Flag-Veteran Benefits	Categ
10	IH10WELF	IH10WELF:W10 IncPart-Welfare Inc	Cont
10	H10OWELF	H10OWELF:W10 Receives-Welfare Inc	Categ
10	H10FWELF	H10FWELF:W10 ImpFlag-Welfare Inc	Categ
10	MQ114	WHO RECEIVED INC FR WELFARE NOT SSI LCY	Categ
10	MQR114	WHO RECEIVED INC FR WELFARE NOT SSI LCY/Self	Categ
10	IH10FOOD	IH10FOOD:W10 IncPart-Food Stamps	Cont
10	H10OFOOD	H10OFOOD:W10 Receives-Food Stamps	Categ
10	H10FFOOD	H10FFOOD:W10 ImpFlag-Food Stamps	Categ
10	H10MFOOD	H10MFOOD:W10 Monthly-Food Stamps	Cont
10	H10NFOOD	H10NFOOD:W10 IncMons-Food Stamps	Cont
10	H10NFFOOD	H10NFFOOD:W10 IncMon DK Flag-Food Stamps	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
IR10VET	806	15198.42	15665.73	0.0	128848.8
R10OVET	15372	0.05	0.22	0.0	1.0
R10FVET	15372	5.79	1.08	1.0	9.0
R10MVET	806	1306.80	1303.95	1.0	10737.4
R10NVET	806	11.56	1.99	0.0	12.0
R10NFVET	806	0.12	0.33	0.0	1.0
IS10VET	441	18505.05	17830.16	0.0	128848.8
S10OVET	9672	0.05	0.21	0.0	1.0
S10FVET	15372	6.63	1.33	1.0	9.0
S10MVET	441	1577.59	1475.51	15.0	10737.4
S10NVET	441	11.54	2.05	0.0	12.0
S10NFVET	441	0.12	0.33	0.0	1.0
IH10WELF	58	1432.00	1713.12	16.0	6000.0
H10OWELF	15372	0.00	0.06	0.0	1.0
H10FWELF	15372	6.01	0.39	1.0	9.0
MQ114	80	1.15	0.48	1.0	3.0
MQR114	80	1.18	0.50	1.0	3.0
IH10FOOD	1225	1492.96	1639.40	0.0	13018.6
H10OFOOD	15372	0.08	0.27	0.0	1.0
H10FFOOD	15372	5.70	1.25	1.0	9.0
H10MFOOD	1225	168.43	137.81	10.0	1084.9

H10NFOOD	1225	8.89	4.99	0.0	12.0
H10NFFOOD	1225	0.18	0.38	0.0	1.0

Categorical Variable Codes

Value-----	R10OVE	S10OVE
.U=Unmar		5700
0.receive no income	14566	9231
1.receive income	806	441
Value-----	R10FVE	S10FVE
1.continuous value	656	365
2.complete bracket	63	26
3.incomplete bracket	11	7
5.no value/bracket	66	39
6.no income	14398	9106
7.DK if income	59	37
8.No spouse/partner		5700
9.no Fin Resp	119	92
Value-----	R10NFVE	S10NFVE
.: N/A	14566	9231
.U=Unmar		5700
0.num mos known	709	388
1.DK num mos,used 12	97	53
Value-----	H10OWEL	
0.receive no income	15314	
1.receive income	58	
Value-----	H10FWEL	
1.continuous value	40	
2.complete bracket	12	
5.no value/bracket	5	
6.no income	15129	
7.DK if income	67	
9.no Fin Resp	119	
Value-----	MQ11	MQR11
.: INAP, Partial Ivw	15292	15292
1. RESPONDENT ONLY	72	70
2. SPOUSE/PARTNER ONLY	4	6
3. BOTH	4	4
Value-----	H10OFOO	
0.receive no income	14147	
1.receive income	1225	
Value-----	H10FFOO	
1.continuous value	929	
2.complete bracket	40	
3.incomplete bracket	10	
5.no value/bracket	235	
6.no income	13967	
7.DK if income	72	
9.no Fin Resp	119	
Value-----	H10NFFOO	
.: N/A	14147	
0.num mos known	1009	
1.DK num mos,used 12	216	

Notes:

R10IGXFR and S10IGXFR are based on these components.

All other household income

Wave	Variable	Label	Type
10	IH100THI2	IH100THI2:W10 IncPart-Other HH Inc #2	Cont
10	H1000THI2	H1000THI2:W10 Receives-Other HH Inc #2	Categ
10	H10F0THI2	H10F0THI2:W10 ImpFlag-Other HH Inc #2	Categ
10	IH10LUYR1	IH10LUYR1:W10 IncPart-Lump Sum LCY Inc #1	Cont
10	H100LUYR1	H100LUYR1:W10 Receives-Lump Sum LCY Inc #1	Categ
10	H10FLUYR1	H10FLUYR1:W10 ImpFlag-Lump Sum LCY Inc #1	Categ
10	IH10LUYR2	IH10LUYR2:W10 IncPart-Lump Sum LCY Inc #2	Cont
10	H100LUYR2	H100LUYR2:W10 Receives-Lump Sum LCY Inc #2	Categ
10	H10FLUYR2	H10FLUYR2:W10 ImpFlag-Lump Sum LCY Inc #2	Categ
10	IH10LUYR3	IH10LUYR3:W10 IncPart-Lump Sum LCY Inc #3	Cont
10	H100LUYR3	H100LUYR3:W10 Receives-Lump Sum LCY Inc #3	Categ
10	H10FLUYR3	H10FLUYR3:W10 ImpFlag-Lump Sum LCY Inc #3	Categ
10	IH10LUMP1	IH10LUMP1:W10 Inc Last 2y-Lump Sum Inc #1	Cont
10	H100LUMP1	H100LUMP1:W10 Rcvd: Last 2y-Lump Sum Inc #1	Categ
10	H10FLUMP1	H10FLUMP1:W10 ImpFlag-Lump Sum Last 2Y #1	Categ
10	IH10LUMP2	IH10LUMP2:W10 Inc Last 2y-Lump Sum Inc #2	Cont
10	H100LUMP2	H100LUMP2:W10 Rcvd: Last 2y-Lump Sum Inc #2	Categ
10	H10FLUMP2	H10FLUMP2:W10 ImpFlag-Lump Sum Last 2Y #2	Categ
10	IH10LUMP3	IH10LUMP3:W10 Inc Last 2y-Lump Sum Inc #3	Cont
10	H100LUMP3	H100LUMP3:W10 Rcvd: Last 2y-Lump Sum Inc #3	Categ
10	H10FLUMP3	H10FLUMP3:W10 ImpFlag-Lump Sum Last 2Y #3	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
IH100THI2	643	10538.36	20477.34	2.0	200000.0
H1000THI2	15372	0.04	0.20	0.0	1.0
H10F0THI2	15372	5.84	0.99	1.0	9.0
IH10LUYR1	417	83968.34	184416.19	500.0	2000000.0
H100LUYR1	15372	0.03	0.16	0.0	1.0
H10FLUYR1	15372	5.91	0.84	1.0	9.0
IH10LUYR2	37	46640.54	137904.70	600.0	850000.0
H100LUYR2	15372	0.00	0.05	0.0	1.0
H10FLUYR2	15372	6.01	0.36	1.0	9.0
IH10LUYR3	2	39000.00	15556.35	28000.0	50000.0
H100LUYR3	15372	0.00	0.01	0.0	1.0
H10FLUYR3	15372	6.02	0.27	1.0	9.0
IH10LUMP1	946	80215.37	179209.80	1.0	2000000.0
H100LUMP1	15372	0.06	0.24	0.0	1.0
H10FLUMP1	15372	5.75	1.18	1.0	9.0
IH10LUMP2	75	39157.07	102819.13	600.0	850000.0
H100LUMP2	15372	0.00	0.07	0.0	1.0
H10FLUMP2	15372	6.00	0.42	1.0	9.0
IH10LUMP3	8	21028.00	16676.06	224.0	50000.0

H10OLUMP3	15372	0.00	0.02	0.0	1.0
H10FLUMP3	15372	6.02	0.29	1.0	9.0

Categorical Variable Codes

Value-----	H10O0THI
0.receives no income	14729
1.receives income	643

Value-----	H10F0THI
1.continuous value	545
2.complete bracket	38
3.incomplete bracket	3
5.no value/bracket	43
6.no income	14472
7.DK if income	152
9.no Fin Resp	119

Value-----	H10OLUYR
0.receives no income	14955
1.receives income	417

Value-----	H10FLUYR
1.continuous value	376
2.complete bracket	23
5.no value/bracket	14
6.no income	14632
7.DK if income	208
9.no Fin Resp	119

Value-----	H10OLUYR
0.receives no income	15335
1.receives income	37

Value-----	H10FLUYR
1.continuous value	36
2.complete bracket	1
6.no income	15211
7.DK if income	5
9.no Fin Resp	119

Value-----	H10OLUYR
0.receives no income	15370
1.receives income	2

Value-----	H10FLUYR
1.continuous value	2
6.no income	15251
9.no Fin Resp	119

Value-----	H10OLUMP
0.receives no income	14426
1.receives income	946

Value-----	H10FLUMP
1.continuous value	803
2.complete bracket	68
5.no value/bracket	64
6.no income	14189
7.DK if income	129
9.no Fin Resp	119

Value-----	H10OLUMP
0.receives no income	15297
1.receives income	75

Value-----	H10FLUMP
1.continuous value	65
2.complete bracket	3
5.no value/bracket	7
6.no income	15177
7.DK if income	1
9.no Fin Resp	119

Value-----	H10OLUMP
0.receives no income	15364
1.receives income	8

Value-----	H10FLUMP
1.continuous value	8
6.no income	15245
9.no Fin Resp	119

Notes:

H10IOTHR is based on these components.

Lump sum amounts are reported since last interview or for the past two years (IH10LUMP1 to IH10LUMP3), and the year received is collected. This year is used to identify those lump sums received in the last calendar year and these amounts are imputed separately if missing (IH10LUYR1 to IH10LUYR3). If the year is missing, then ownership of the lump sum in the last calendar year is imputed.

HRS Variables Used

HRS 2010:

MQ395	OTHER SOURCES OF INCOME
MQ396	OTHER SOURCES OF INCOME AMOUNT - LCY
MQ483_1	R OR SP IF LUMP SUM RECEIVED -1
MQ483_2	R OR SP IF LUMP SUM RECEIVED -2
MQ483_3	R OR SP IF LUMP SUM RECEIVED -3
MQ486_1	MONTH LUMP SUM RECEIVED -1
MQ486_2	MONTH LUMP SUM RECEIVED -2
MQ486_3	MONTH LUMP SUM RECEIVED -3
MQ487_1	YEAR LUMP SUM RECEIVED -1
MQ487_2	YEAR LUMP SUM RECEIVED -2
MQ487_3	YEAR LUMP SUM RECEIVED -3
MQ488_1	LUMP SUM AMOUNT RECEIVED -1
MQ488_2	LUMP SUM AMOUNT RECEIVED -2
MQ488_3	LUMP SUM AMOUNT RECEIVED -3
MQ489_1	LUMP SUM AMT - \$50K -1
MQ489_2	LUMP SUM AMT - \$50K -2
MQ489_3	LUMP SUM AMT - \$50K -3

Section C: Financial and Housing Wealth

Total Wealth and Net House Value

Wave	Variable	Label	Type
10	H10ATOTA	H10ATOTA:W10 Total of all Assets	Cont
10	H10ATOTB	H10ATOTB:W10 Total all Assets inc. 2nd Hm	Cont
10	H10ATOTN	H10ATOTN:W10 Total Non-Housing Assets	Cont
10	H10ATOTH	H10ATOTH:W10 Net Value of House /prim res	Cont
10	H10ANETHB	H10ANETHB:W10 Net Value of 2nd Home	Cont
10	H10ATOTF	H10ATOTF:W10 Non-Housing Financial Wealth	Cont
10	H10ATOTW	H10ATOTW:W10 Total Wealth less IRA	Cont

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10ATOTA	15372	420489.32	900454.37	-1190000.0	26901000.0
H10ATOTB	15372	440531.09	931258.44	-1165000.0	27401000.0
H10ATOTN	15372	284773.26	780660.59	-943500.0	26040000.0
H10ATOTH	15372	135716.06	248165.65	-1900000.0	10000000.0
H10ANETHB	15372	20041.77	95606.89	-100000.0	2000000.0
H10ATOTF	15372	126000.03	412779.95	-1250000.0	13129006.4
H10ATOTW	15372	352946.93	827801.24	-1340000.0	25900000.0

Notes:

H10ATOTA is the net value of total wealth (excluding second home) and is calculated as the sum of all assets except second home (H10AHOUS, H10ARLES, H10ATRANS, H10ABSNS, H10AIRA, H10ASTCK, H10ACHCK, H10ACD, H10ABOND, H10AOTHR) less the sum of all debt except mortgage on a second home (H10AMORT, H10AHMLN, H10ADEBT).

H10ATOTB is the net value of total wealth (including second home) and is calculated as the sum of all assets (H10AHOUS, H10AHOUB, H10ARLES, H10ATRANS, H10ABSNS, H10AIRA, H10ASTCK, H10ACHCK, H10ACD, H10ABOND, H10AOTHR) less the sum all debt (H10AMORT, H10AHMLN, H10ADEBT, H10AMRTB).

H10ATOTN is the net value of all non-housing wealth and is calculated as the sum of the appropriate assets (H10ARLES, H10ATRANS, H10ABSNS, H10AIRA, H10ASTCK, H10ACHCK, H10ACD, H10ABOND, H10AOTHR) less debt (H10ADEBT). Note that the value of the primary and second residence, mortgages, and home loans are NOT included.

H10ATOTH is the net value of housing and is calculated as house value (H10AHOUS) less mortgages and home loans (H10AMORT, H10AHMLN).

H10ANETHB is the net value of second home and is calculated as second home value (H10AHOUB) less mortgages (H10AMRTB).

H10ATOTF is the net value of non-housing financial wealth and is calculated as the sum of the appropriate assets (H10ASTCK, H10ACHCK, H10ACD, H10ABOND, H10AOTHR) less debt (H10ADEBT). Note that this total does NOT include the value of IRAs and Keogh plans, nor does it include the value of any real estate, vehicles, or businesses.

H10ATOTW is the net value of total wealth less IRA is calculated as the sum of all assets except the value of IRAs and Keogh plans (H10AHOUS, H10ARLES, H10ATRANS,

H10ABSNS, H10ASTCK, H10ACHCK, H10ACD, H10ABOND, H10AOTHR) less all debt (H10AMORT, H10AHMLN, H10ADEBT).

Net value of real estate (not primary residence)

Wave	Variable	Label	Type
10	H10ARLES	H10ARLES:W10 Assets:Other Real estate	Cont
10	H10AORLES	H10AORLES:W10 Asst Own:Other Real estate	Categ
10	H10AFRLES	H10AFRLES:W10 Asst Flag:Other Real estate	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10ARLES	15372	35036.18	265651.35	-60000.0	12000000.0
H10AORLES	15372	0.13	0.34	0.0	1.0
H10AFRLES	15372	5.43	1.63	1.0	9.0

Categorical Variable Codes

Value-----	H10AORLE
0.does not own asset	13328
1.owns asset	2044
Value-----	H10AFRLE
1.continuous value	1587
2.complete bracket	274
3.incomplete bracket	34
5.no value/bracket	121
6.no income	13094
7.DK if income	143
9.no Fin Resp	119

HRS Variables Used

HRS 2010:	
MQ133	REAL ESTATE ASSET
MQ134	REAL ESTATE ASSET AMT
MQ135	REAL ESTATE ASSET AMT - MIN
MQ136	REAL ESTATE ASSET AMT - MAX
MQ137	REAL ESTATE ASSET AMT - RESULT

Net value of vehicles

Wave	Variable	Label	Type
10	H10ATRAN	H10ATRAN:W10 Assets:Transportation	Cont
10	H10AOTRAN	H10AOTRAN:W10 Asst Own:Transportation	Categ
10	H10AFTRAN	H10AFTRAN:W10 Asst Flag:Transportation	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10ATRAN	15372	14361.68	29282.03	0.0	1000000.0
H10AOTRAN	15372	0.82	0.39	0.0	1.0
H10AFTRAN	15372	2.20	2.05	1.0	9.0

Categorical Variable Codes

Value-----	H10AOTRA
0.does not own asset	2787
1.owns asset	12585
Value-----	H10AFTRA
1.continuous value	10468
2.complete bracket	1424
3.incomplete bracket	144
5.no value/bracket	417
6.no income	2746
7.DK if income	54
9.no Fin Resp	119

HRS Variables Used

HRS 2010:	
MQ370	TRANSPORTATION
MQ371	TRANSPORTATION TOTAL VALUE
MQ372	TRANSPORTATION TOTAL VALUE - MIN
MQ373	TRANSPORTATION TOTAL VALUE - MAX
MQ374	TRANSPORTATION TOTAL VALUE - RESULT

Net value of businesses

Wave	Variable	Label	Type
10	H10ABSNS	H10ABSNS:W10 Assets:Business	Cont
10	H10AOBSNS	H10AOBSNS:W10 Asst Own:Business	Categ
10	H10AFBSNS	H10AFBSNS:W10 Asst Flag:Business	Categ
10	MQ492	BUSINESS/FARM AMT PREV REPORT	Categ
10	MQ523	BUSINESS/FARM PERCENT REPORTED	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10ABSNS	15372	41832.97	387940.30	0.0	20000000.0
H10AOBSNS	15372	0.10	0.30	0.0	1.0
H10AFBSNS	15372	5.60	1.39	1.0	9.0
MQ492	1502	4.05	1.89	1.0	9.0
MQ523	392	188.82	285.43	1.0	999.0

Categorical Variable Codes

Value-----	H10AOBSN
0.does not own asset	13852
1.owns asset	1520

Value-----	H10AFBSN
1.continuous value	1043
2.complete bracket	285
3.incomplete bracket	41
5.no value/bracket	133
6.no income	13661
7.DK if income	90
9.no Fin Resp	119

Value-----	MQ49
.: INAP, Partial Ivw	13870
1. Yes, told about earlier	392
5. No, did not tell about earlier	1063
8. DK	42
9. RF	5

Value-----	MQ52
.: INAP, Partial Ivw	14980
1	2
2	1
3	1
6	1
7	1
8	2
10	2
20	9
25	9
30	2
40	2
50	16
60	5
70	3
75	2
80	2

	90		1
	95		2
	100		286
998. DK			40
999. RF			3

Notes:

After the value of business or farm assets is collected, a question asks whether these assets were reported previously in the interview (MQ492). Beginning 2008 (wave 9), a follow-up question was added which asks respondents to indicate what percentage was previously reported (MQ523). About 27% of business owners indicate that they had reported their business wealth as either primary residence (which could be a farm or ranch), secondary residence, or other real estate earlier in the interview (MQ492 = yes), and of these, most say that all of the business asset was previously reported (MQ523 = 100%).

These two variables are included in this file for the convenience of the analyst, and can be used for adjusting total wealth to reflect the amount of wealth that is twice reported. We do not use these two variables in the imputations or derivations of any of the variations on total wealth.

HRS Variables Used

HRS 2010:

MQ147	BUSINESS OR FARM ASSETS
MQ148	BUSINESS OR FARM EQUITY AMOUNT
MQ149	BUSINESS OR FARM EQUITY - MIN
MQ150	BUSINESS OR FARM EQUITY - MAX
MQ151	BUSINESS OR FARM EQUITY - RESULT
MQ492	BUSINESS/FARM AMT PREV REPORT
MQ523	BUSINESS/FARM PERCENT REPORTED

Net value of IRA, Keogh accounts

Wave	Variable	Label	Type
10	H10AIRA	H10AIRA:W10 Assets:IRA [total]	Cont
10	H10AOIRA	H10AOIRA:W10 Asst Own:IRA [total]	Categ
10	H10AXIRA	H10AXIRA:W10 Asst ImpFlag Sumry: Total IRAs	Categ
10	H10AFIRA	H10AFIRA:W10 Asst Flag:IRA [total]	Categ
10	I10AIRA1	I10AIRA1:W10 IRA 1st largest	Cont
10	I10AOIRA1	I10AOIRA1:W10 Own:IRA 1st largest	Categ
10	I10AFIRA1	I10AFIRA1:W10 Flag:IRA 1st largest	Categ
10	I10AIRA2	I10AIRA2:W10 IRA 2nd largest	Cont
10	I10AOIRA2	I10AOIRA2:W10 Own:IRA 2nd largest	Categ
10	I10AFIRA2	I10AFIRA2:W10 Flag:IRA 2nd largest	Categ
10	I10AIRA3	I10AIRA3:W10 IRA 3rd largest/all OTHRs	Cont
10	I10AOIRA3	I10AOIRA3:W10 Own:IRA 3rd largest/all OTHRs	Categ
10	I10AFIRA3	I10AFIRA3:W10 Flag:IRA 3rd largest/all OTHRs	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10AIRA	15372	67542.40	193727.85	0.0	3800000.0
H10AOIRA	15372	0.38	0.49	0.0	1.0
H10AXIRA	15372	0.60	1.03	0.0	9.0
H10AFIRA	15372	22.32	89.78	1.0	577.0
I10AIRA1	5918	124608.80	210541.52	39.0	3500000.0
I10AOIRA1	15372	0.38	0.49	0.0	1.0
I10AFIRA1	15372	4.42	2.31	1.0	9.0
I10AIRA2	3287	63436.91	104816.35	0.0	1774256.1
I10AOIRA2	15372	0.21	0.41	0.0	1.0
I10AFIRA2	15372	5.12	1.97	1.0	9.0
I10AIRA3	1331	69353.64	117143.56	0.0	960000.0
I10AOIRA3	15372	0.09	0.28	0.0	1.0
I10AFIRA3	15372	5.68	1.36	1.0	9.0

Categorical Variable Codes

Value-----	H10AOIR
0.does not own asset	9454
1.owns asset	5918
Value-----	H10AXIR
0.no asset	9124
1.no imputations	4122
2.some imputation	2007
9.no Fin Resp	119
Value-----	H10AFIR
1.continuous value	4122
2.complete bracket	425
3.incomplete bracket	88
5.no value/bracket	387
6.no asset	9124
7.DK ownership	369

9.no Fin Resp	119
112.cont/cont/cmpbkt	13
113.cont/cont/incbkt	4
115.cont/cont/no bkt	15
121.cont/cmpbkt/cont	15
122.cont/cmpbkt/cmpbkt	6
123.cont/cmpbkt/incbkt	2
125.cont/cmpbkt/no bkt	4
126.cont/cmpbkt/no ast	46
133.cont/incbkt/incbkt	2
136.cont/incbkt/no ast	6
151.cont/no bkt/cont	2
155.cont/no bkt/no bkt	12
156.cont/no bkt/no ast	16
211.cmpbkt/cont/cont	25
212.cmpbkt/cont/cmpbkt	7
213.cmpbkt/cont/incbkt	2
215.cmpbkt/cont/no bkt	4
216.cmpbkt/cont/no ast	98
221.cmpbkt/cmpbkt/cont	23
223.cmpbkt/cmpbkt/incbkt	2
225.cmpbkt/cmpbkt/no bkt	4
233.cmpbkt/incbkt/incbkt	1
235.cmpbkt/incbkt/no bkt	2
236.cmpbkt/incbkt/no ast	2
252.cmpbkt/no bkt/cmpbkt	2
255.cmpbkt/no bkt/no bkt	9
256.cmpbkt/no bkt/no ast	15
311.inc bkt/cont/cont	2
316.inc bkt/cont/no ast	10
322.inc bkt/cmpbkt/cmpbkt	1
326.inc bkt/cmpbkt/no ast	5
331.inc bkt/incbkt/cont	4
332.inc bkt/incbkt/cmpbkt	4
335.inc bkt/incbkt/no bkt	2
352.inc bkt/no bkt/cmpbkt	2
355.inc bkt/no bkt/no bkt	10
356.inc bkt/no bkt/no ast	12
515.no bkt/cont/no bkt	2
516.no bkt/cont/no ast	19
523.no bkt/cmpbkt/incbkt	1
526.no bkt/cmpbkt/no ast	10
536.no bkt/incbkt/no ast	4
551.no bkt/no bkt/cont	1
552.no bkt/no bkt/cmpbkt	4
553.no bkt/no bkt/incbkt	2
577.no bkt/dk own/dk own	304
Value-----	I10AOIRA
0.does not own asset	9454
1.owns asset	5918
Value-----	I10AFIRA
1.continuous value	4265
2.complete bracket	621
3.incomplete bracket	140
5.no value/bracket	734
6.no income	9124
7.DK if income	369
9.no Fin Resp	119
Value-----	I10AOIRA
0.does not own asset	12085
1.owns asset	3287
Value-----	I10AFIRA
1.continuous value	2598

2.complete bracket	264
3.incomplete bracket	58
5.no value/bracket	261
6.no income	11399
7.DK if income	673
9.no Fin Resp	119
Value----- I10AOIRA	
0.does not own asset	14041
1.owns asset	1331
Value----- I10AFIRA	
1.continuous value	1070
2.complete bracket	79
3.incomplete bracket	25
5.no value/bracket	136
6.no income	13270
7.DK if income	673
9.no Fin Resp	119

Notes:

H10AIRA is the sum of I10AIRA1, I10AIRA2, and I10AIRA3, which are each imputed separately. H10AXIRA summarizes whether any of the components were imputed. H10AFIRA indicates if the value is imputed and if so, what level of information is available during the imputation process. A "1.continuous value" indicates that the respondent reports an actual value and no imputation is necessary.

HRS Variables Used

HRS 2010:

MQ162	IRA OR KEOGH
MQ165_1	WHO HAS IRA ACCOUNTS -1
MQ165_2	WHO HAS IRA ACCOUNTS -2
MQ165_3	WHO HAS IRA ACCOUNTS -3
MQ166_1	AMOUNT IN IRA ACCOUNT -1
MQ166_2	AMOUNT IN IRA ACCOUNT -2
MQ166_3	AMOUNT IN IRA ACCOUNT -3
MQ167_1	AMT IN IRA ACCOUNT - MIN -1
MQ167_2	AMT IN IRA ACCOUNT - MIN -2
MQ167_3	AMT IN IRA ACCOUNT - MIN -3
MQ168_1	AMT IN IRA ACCOUNT - MAX -1
MQ168_2	AMT IN IRA ACCOUNT - MAX -2
MQ168_3	AMT IN IRA ACCOUNT - MAX -3
MQ169_1	AMT IN IRA ACCOUNT - RESULT -1
MQ169_2	AMT IN IRA ACCOUNT - RESULT -2
MQ169_3	AMT IN IRA ACCOUNT - RESULT -3

Net value of stocks, mutual funds, and investment trusts

Wave	Variable	Label	Type
10	H10ASTCK	H10ASTCK:W10 Assets:Stocks	Cont
10	H10AOSTCK	H10AOSTCK:W10 Asst Own:Stocks	Categ
10	H10AFSTCK	H10AFSTCK:W10 Asst Flag:Stocks	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10ASTCK	15372	63165.56	316467.53	0.0	13019006.4
H10AOSTCK	15372	0.25	0.43	0.0	1.0
H10AFSTCK	15372	4.97	2.03	1.0	9.0

Categorical Variable Codes

Value-----	H10AOSTC
0.does not own asset	11513
1.owns asset	3859
Value-----	H10AFSTC
1.continuous value	2707
2.complete bracket	598
3.incomplete bracket	87
5.no value/bracket	369
6.no income	11132
7.DK if income	360
9.no Fin Resp	119

HRS Variables Used

HRS 2010:	
MQ316	STOCK AND STOCK MUTUAL FUNDS
MQ317	STOCKS TOTAL VALUE
MQ318	STOCKS TOTAL VALUE - MIN
MQ319	STOCKS TOTAL VALUE - MAX
MQ320	STOCKS TOTAL VALUE - RESULT

Value of checking, savings, or money market accounts

Wave	Variable	Label	Type
10	H10ACHCK	H10ACHCK:W10 Assets:Checking,Savings Acct	Cont
10	H10AOCHCK	H10AOCHCK:W10 Asst Own:Checking,Savings Ac	Categ
10	H10AFCHCK	H10AFCHCK:W10 Asst Flag:Checking,Savings	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10ACHCK	15372	30385.20	83162.69	0.0	2300000.0
H10AOCHCK	15372	0.82	0.39	0.0	1.0
H10AFCHCK	15372	2.42	2.17	1.0	9.0

Categorical Variable Codes

Value-----	H10AOCHC
0.does not own asset	2810
1.owns asset	12562
Value-----	H10AFCHC
1.continuous value	9870
2.complete bracket	1160
3.incomplete bracket	215
5.no value/bracket	1021
6.no income	2724
7.DK if income	263
9.no Fin Resp	119

HRS Variables Used

HRS 2010:	
MQ344	CHECKING SAVINGS MARKET FUNDS
MQ345	CHECKING TOTAL VALUE
MQ346	CHECKING TOTAL VALUE - MIN
MQ347	CHECKING TOTAL VALUE - MAX
MQ348	CHECKING TOTAL VALUE - RESULT

Value of CD, government savings bonds, and T-bills

Wave	Variable	Label	Type
10	H10ACD	H10ACD:W10 Assets:CDs,SvBonds,T-bills	Cont
10	H10A OCD	H10A OCD:W10 Asst Own:CDs,SvBonds,T-bills	Categ
10	H10AFCD	H10AFCD:W10 Asst Flag:CDs,SvBonds,T-bills	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10ACD	15372	14162.52	63982.20	0.0	2200000.0
H10A OCD	15372	0.20	0.40	0.0	1.0
H10AFCD	15372	5.20	1.88	1.0	9.0

Categorical Variable Codes

Value-----	H10AOC
0.does not own asset	12306
1.owns asset	3066
Value-----	H10AFC
1.continuous value	2252
2.complete bracket	313
3.incomplete bracket	71
5.no value/bracket	332
6.no income	11824
7.DK if income	461
9.no Fin Resp	119

HRS Variables Used

HRS 2010:	
MQ356	CDS GOVT SAVINGS TBILLS
MQ357	CDS GOVT SAVINGS TBILLS TOTAL VALUE
MQ358	CDS TOTAL VALUE - MIN
MQ359	CDS TOTAL VALUE - MAX
MQ360	CDS TOTAL VALUE - RESULT

Net value of bonds and bond funds
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Wave	Variable	Label	Type
10	H10ABOND	H10ABOND:W10 Assets:Bonds	Cont
10	H10AOBOND	H10AOBOND:W10 Asst Own:Bonds	Categ
10	H10AFBOND	H10AFBOND:W10 Asst Flag:Bonds	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10ABOND	15372	9036.33	72874.19	0.0	2500000.0
H10AOBOND	15372	0.07	0.25	0.0	1.0
H10AFBOND	15372	5.78	1.13	1.0	9.0

Categorical Variable Codes

Value-----	H10AOBON
0.does not own asset	14365
1.owns asset	1007
Value-----	H10AFBON
1.continuous value	657
2.complete bracket	138
3.incomplete bracket	30
5.no value/bracket	151
6.no income	13924
7.DK if income	353
9.no Fin Resp	119

HRS Variables Used

HRS 2010:	
MQ330	BOND ASSETS
MQ331	BOND ASSETS TOTAL VALUE
MQ332	BOND ASSETS TOTAL VALUE - MIN
MQ333	BOND ASSETS TOTAL VALUE - MAX
MQ334	BOND ASSETS TOTAL VALUE - RESULT

Net value of all other savings

Wave	Variable	Label	Type
10	H10AOTHR	H10AOTHR:W10 Assets:Other svngs, assets	Cont
10	H10AOOTHR	H10AOOTHR:W10 Asst Own:Other svngs,assets	Categ
10	H10AFOTHR	H10AFOTHR:W10 Asst Flag:Other svngs,assets	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10AOTHR	15372	13738.93	83116.10	0.0	2500000.0
H10AOOTHR	15372	0.17	0.37	0.0	1.0
H10AFOTHR	15372	5.29	1.79	1.0	9.0

Categorical Variable Codes

Value-----	H10AOOTHR
0.does not own asset	12775
1.owns asset	2597
Value-----	H10AFOTHR
1.continuous value	1965
2.complete bracket	367
3.incomplete bracket	50
5.no value/bracket	159
6.no income	12396
7.DK if income	316
9.no Fin Resp	119

HRS Variables Used

HRS 2010:	
MQ375	OTHER ASSETS
MQ376	OTHER ASSETS TOTAL VALUE
MQ377	OTHER ASSETS TOTAL VALUE - MIN
MQ378	OTHER ASSETS TOTAL VALUE - MAX
MQ379	OTHER ASSETS TOTAL VALUE-RESULT

Value of other debt

Wave	Variable	Label	Type
10	H10ADEBT	H10ADEBT:W10 Assets:Debts [not yet asked]	Cont
10	H10AODEBT	H10AODEBT:W10 Asst Own:Debts	Categ
10	H10AFDEBT	H10AFDEBT:W10 Asst Flag:Debts	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10ADEBT	15372	4488.51	31634.66	0.0	2000000.0
H10AODEBT	15372	0.31	0.46	0.0	1.0
H10AFDEBT	15372	4.58	2.28	1.0	9.0

Categorical Variable Codes

Value-----	H10AODEB
0.does not own asset	10608
1.owns asset	4764
Value-----	H10AFDEB
1.continuous value	4173
2.complete bracket	309
3.incomplete bracket	35
5.no value/bracket	147
6.no income	10377
7.DK if income	212
9.no Fin Resp	119

HRS Variables Used

HRS 2010:	
MQ477	R OR SP ANY DEBTS NOT ASKED ABOUT BEFORE
MQ478	R OR SP DEBTS AMOUNT
MQ479	DEBTS AMOUNT - MIN
MQ480	DEBTS AMOUNT - MAX
MQ481	DEBTS AMOUNT - RESULT

Value of primary residence

Wave	Variable	Label	Type
10	H10AHOUS	H10AHOUS:W10 Assets:Primary Residence	Cont
10	H10AOHOUS	H10AOHOUS:W10 Asst Own:Primary Residence	Categ
10	H10AXHOUS	H10AXHOUS:W10 Asset ImpFlag Sumry: Primary Residence	Categ
10	H10AFHOUS	H10AFHOUS:W10 Asst Flag:Primary Residence	Categ
10	I10AHOU1	I10AHOU1:W10 Prim Res/House	Cont
10	I10AOHOU1	I10AOHOU1:W10 Own:Prim Res/House	Categ
10	I10AFHOU1	I10AFHOU1:W10 Flag:Prim Res/House	Categ
10	I10AMOBL	I10AMOBL:W10 Prim Res/Mobile Hm	Cont
10	I10AOMOBL	I10AOMOBL:W10 Own:Prim Res/Mobile Hm	Categ
10	I10AFMOBL	I10AFMOBL:W10 Flag:Prim Res/Mobile Hm	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10AHOUS	15372	172524.76	268340.62	0.0	10000000.0
H10AOHOUS	15372	0.79	0.41	0.0	1.0
H10AXHOUS	15372	0.98	0.83	0.0	9.0
H10AFHOUS	15372	2.35	2.17	1.0	9.0
I10AHOU1	11300	230605.91	290497.76	0.0	10000000.0
I10AOHOU1	15372	0.74	0.44	0.0	1.0
I10AFHOU1	15372	2.59	2.29	1.0	9.0
I10AMOBL	801	57682.62	95260.30	0.0	1500000.0
I10AOMOBL	15372	0.05	0.22	0.0	1.0
I10AFMOBL	15372	5.79	1.10	1.0	9.0

Categorical Variable Codes

Value-----	H10AOHOU
0.does not own asset	3271
1.owns asset	12101

Value-----	H10AXHOU
0.no asset	3080
1.no imputations	10094
2.some imputation	2112
9.no Fin Resp	86

Value-----	H10AFHOU
1.continuous value	10094
2.complete bracket	1384
3.incomplete bracket	142
5.no value/bracket	263
6.no asset	3080
7.DK ownership	323
9.no Fin Resp	86

Value-----	I10AOHOU
0.does not own asset	4072
1.owns asset	11300

Value-----	I10AFHOU
1.continuous value	9444

2.complete bracket	1268
3.incomplete bracket	135
5.no value/bracket	245
6.no income	3877
7.DK if income	317
9.no Fin Resp	86
Value----- I10AOMOB	
0.does not own asset	14571
1.owns asset	801
Value----- I10AFMOB	
1.continuous value	650
2.complete bracket	116
3.incomplete bracket	7
5.no value/bracket	18
6.no income	14195
7.DK if income	300
9.no Fin Resp	86

Notes:

HwAHOUS is assigned from either I10AMOB if the primary residence is a mobil home or I10AHOUS1 if not. I10AMOB and I10AHOUS1 are imputed separately. H10AXHOUS summarizes whether any of its components were imputed. H10AFHOUS indicates if the value is imputed and if so, what level of information is available during the imputation process. A "1.continuous value" indicates that the respondent reports an actual value and no imputation is necessary.

If the financial respondent is living in a nursing home and reports not having any other residence, ownership of both primary or second home is set to no. If the core data indicates this situation (MA028, MA070) but MNURSHM from the Tracker file indicates that the primary residence is NOT a nursing home, ownership of primary and second home is imputed.

HRS Variables Used

HRS 2010:

MA028	R IN NURSING HOME
MA070	NH: STILL OWN/RENT HOME
MH002	TYPE HOME
MH004	OWN-RENT HOME
MH008	OWN PART OR ALL/RENT FARM
MH014	OWN MOBILE HOME/SITE
MH016	MOBILE HOME PRESENT VALUE
MH020	HOME PRESENT VALUE

Tracker:

MNURSHM	2010 NURSING HOME STATUS
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Value of all mortgages/land contracts (primary residence)
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Wave	Variable	Label	Type
10	H10AMORT	H10AMORT:W10 Assets:Total Mortgage	Cont
10	H10AOMORT	H10AOMORT:W10 Asst Own:Total Mortgage	Categ
10	H10AXMORT	H10AXMORT:W10 Asst ImpFlag Sumry: Total Mortgage	Categ
10	H10AFMORT	H10AFMORT:W10 Asst Flag:Total Mortgage	Categ
10	I10AMRT1	I10AMRT1:W10 1st Mortgage	Cont
10	I10AOMRT1	I10AOMRT1:W10 Own:1st Mortgage	Categ
10	I10AFMRT1	I10AFMRT1:W10 Flag:1st Mortgage	Categ
10	I10AMRT2	I10AMRT2:W10 2nd Mortgage	Cont
10	I10AOMRT2	I10AOMRT2:W10 Own:2nd Mortgage	Categ
10	I10AFMRT2	I10AFMRT2:W10 Flag:2nd Mortgage	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10AMORT	15372	32593.04	87460.70	0.0	2900000.0
H10AOMORT	15372	0.27	0.44	0.0	1.0
H10AXMORT	15372	0.40	0.87	0.0	9.0
H10AFMORT	15372	4.78	2.20	1.0	21.0
I10AMRT1	4009	122857.05	133884.91	0.0	2900000.0
I10AOMRT1	15372	0.26	0.44	0.0	1.0
I10AFMRT1	15372	4.81	2.17	1.0	9.0
I10AMRT2	231	36736.95	42444.68	2000.0	280000.0
I10AOMRT2	15372	0.02	0.12	0.0	1.0
I10AFMRT2	15372	5.97	0.64	1.0	9.0

Categorical Variable Codes

Value-----	H10AOMOR
0.does not own asset	11224
1.owns asset	4148
Value-----	H10AXMOR
0.no asset	10786
1.no imputations	3617
2.some imputation	883
9.no Fin Resp	86
Value-----	H10AFMOR
1.continuous value	3617
2.complete bracket	299
3.incomplete bracket	23
5.no value/bracket	141
6.no asset	10786
7.DK ownership	409
9.no Fin Resp	86
12.cont/cmpbkt	9
21.cmpbkt/cont	2
Value-----	I10AOMRT
0.does not own asset	11363
1.owns asset	4009

Value-----	I10AFMRT
1.continuous value	3515
2.complete bracket	283
3.incomplete bracket	22
5.no value/bracket	138
6.no income	10919
7.DK if income	409
9.no Fin Resp	86

Value-----	I10AOMRT
0.does not own asset	15141
1.owns asset	231

Value-----	I10AFMRT
1.continuous value	188
2.complete bracket	31
3.incomplete bracket	1
5.no value/bracket	3
6.no income	14654
7.DK if income	409
9.no Fin Resp	86

Notes:

H10AMORT is the sum of first and second mortgages (I10AMRT1, I10AMRT2), which are each imputed separately. H10AXMORT summarizes whether any of the components were imputed. H10AFMORT indicates if the value is imputed and if so, what level of information is available during the imputation process. A "1.continuous value" indicates that the respondent reports an actual value and no imputation is necessary.

HRS Variables Used

HRS 2010:

MH024M1	LOAN-WITH PROPERTY AS COLLATERAL-1
MH024M2	LOAN-WITH PROPERTY AS COLLATERAL-2
MH024M3	LOAN-WITH PROPERTY AS COLLATERAL-3
MH032	HOW MUCH IS STILL OWED ON MORTGAGE
MH042	MONEY OWED ON 2ND PROPERTY LOAN

Value of other home loans (primary residence)
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Wave	Variable	Label	Type
10	H10AHMLN	H10AHMLN:W10 Assets:Total Othr Home Loans	Cont
10	H10AOHMLN	H10AOHMLN:W10 Asst Own:Total Oth Hm Loans	Categ
10	H10AXHMLN	H10AXHMLN:W10 Asset ImpFlag Sumry: Total Oth Hm Loans	Categ
10	H10AFHMLN	H10AFHMLN:W10 Asst Flag:Total Oth Hm Loans	Categ
10	I10AEQCD	I10AEQCD:W10 Home Equity LOC	Cont
10	I10AOEQCD	I10AOEQCD:W10 Own:Home Equity LOC	Categ
10	I10AFEQCD	I10AFEQCD:W10 Flag:Home Equity LOC	Categ
10	I10AEQLN	I10AEQLN:W10 Other home loans	Cont
10	I10AOEQLN	I10AOEQLN:W10 Own:Home Equity Loan	Categ
10	I10AFEQLN	I10AFEQLN:W10 Flag:Home Equity Loan	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10AHMLN	15372	4215.66	32543.48	0.0	2000000.0
H10AOHMLN	15372	0.09	0.29	0.0	1.0
H10AXHMLN	15372	0.23	0.82	0.0	9.0
H10AFHMLN	15372	5.63	1.54	1.0	57.0
I10AEQCD	1371	45360.96	99069.79	200.0	2000000.0
I10AOEQCD	15372	0.09	0.29	0.0	1.0
I10AFEQCD	15372	5.63	1.43	1.0	9.0
I10AEQLN	69	37873.19	40229.44	1000.0	162000.0
I10AOEQLN	15372	0.00	0.07	0.0	1.0
I10AFEQLN	15372	6.02	0.42	1.0	9.0

Categorical Variable Codes

Value-----	H10AOHML
0.does not own asset	13947
1.owns asset	1425

Value-----	H10AXHML
0.no asset	13261
1.no imputations	1307
2.some imputation	718
9.no Fin Resp	86

Value-----	H10AFHML
1.continuous value	1307
2.complete bracket	40
3.incomplete bracket	12
5.no value/bracket	31
6.no asset	13261
7.DK ownership	628
9.no Fin Resp	86
17.cont/dk own	3
21.cmpbkt/cont	2
27.cmpbkt/dk own	1
57.no bkt/dk own	1

Value-----	I10AOEQC
0.does not own asset	14001

1.owns asset		1371
Value-----		I10AFEQC
1.continuous value		1264
2.complete bracket		37
3.incomplete bracket		12
5.no value/bracket		31
6.no income		13343
7.DK if income		599
9.no Fin Resp		86
Value-----		I10AOEQL
0.does not own asset		15303
1.owns asset		69
Value-----		I10AFEQL
1.continuous value		59
2.complete bracket		6
5.no value/bracket		2
6.no income		14810
7.DK if income		409
9.no Fin Resp		86

Notes:

H9AHMLN is the sum of home equity line of credit balance (I10AEQCD, corresponding to HRS questions MH062-MH065) and other home loans (I10AEQLN, corresponding to HRS questions MH052-MH055), which are each imputed separately. The reported or imputed value of all other home loans other than the first or second mortgages and the balance on an equity line of credit is assigned to H10AHMLN. H10AXHMLN summarizes whether any of the components were imputed. H10AFHMLN indicates if the value is imputed and if so, what level of information is available during the imputation process. A "1.continuous value" indicates that the respondent reports an actual value and no imputation is necessary.

HRS Variables Used

HRS 2010:

MH024M1	LOAN-WITH PROPERTY AS COLLATERAL-1
MH024M2	LOAN-WITH PROPERTY AS COLLATERAL-2
MH024M3	LOAN-WITH PROPERTY AS COLLATERAL-3
MH052	MONEY OWE ON OTHER LOAN
MH061	EQUITY LOAN NOW
MH062	MONEY OWED EQUITY LOAN
MH063	MONEY OWED EQUITY LOAN- MIN
MH064	MONEY OWED EQUITY LOAN- MAX
MH065	MONEY OWED EQUITY LOAN- RESULT

Value of secondary residence

Wave	Variable	Label	Type
10	H10AHOUB	H10AHOUB:W10 Assets:2nd Home	Cont
10	H10AOHOUB	H10AOHOUB:W10 Asst Own:2nd Home	Categ
10	H10AFHOUB	H10AFHOUB:W10 Asst Flag:2nd Home	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10AHOUB	15372	22553.08	103355.28	0.0	2000000.0
H10AOHOUB	15372	0.15	0.36	0.0	1.0
H10AFHOUB	15372	5.36	1.72	1.0	9.0

Categorical Variable Codes

Value-----	H10AOHOU
0.does not own asset	13067
1.owns asset	2305
Value-----	H10AFHOU
1.continuous value	1837
2.complete bracket	262
3.incomplete bracket	43
5.no value/bracket	126
6.no income	12690
7.DK if income	328
9.no Fin Resp	86

HRS Variables Used

HRS 2010:	
MA028	R IN NURSING HOME
MA070	NH: STILL OWN/RENT HOME
MH151	OWN SECOND HOME
MH166	DOLLAR VALUE SECOND HOME
MH167	DOLLAR VALUE SECOND HOME - MINIMUM
MH168	DOLLAR VALUE SECOND HOME - MAXIMUM
MH169	DOLLAR VALUE SECOND HOME - RESULT
Tracker:	
MNURSHM	2010 NURSING HOME STATUS

Value of all mortgages/land contracts (secondary residence)
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Wave	Variable	Label	Type
10	H10AMRTB	H10AMRTB:W10 Assets:2nd Home Mtg	Cont
10	H10AOMRTB	H10AOMRTB:W10 Asst Own:2nd Home Mtg	Categ
10	H10AFMRTB	H10AFMRTB:W10 Asst Flag:2nd Home Mtg	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10AMRTB	15372	2511.31	23987.72	0.0	776000.0
H10AOMRTB	15372	0.02	0.15	0.0	1.0
H10AFMRTB	15372	5.93	0.77	1.0	9.0

Categorical Variable Codes

Value-----	H10AOMRT
0.does not own asset	15039
1.owns asset	333
Value-----	H10AFMRT
1.continuous value	309
2.complete bracket	11
3.incomplete bracket	6
5.no value/bracket	6
6.no income	14605
7.DK if income	349
9.no Fin Resp	86

HRS Variables Used

HRS 2010:	
MH170M1	HOME MORTGAGE - SECOND-1
MH170M2	HOME MORTGAGE - SECOND-2
MH170M3	
MH171	TOTAL OWE MORTGAGE/LOAN - SECOND HOME
MH172	TOT OWE MORTGAGE/LOAN - 2ND HOME- MIN
MH173	TOT OWE MORTGAGE/LOAN - 2ND HOME- MAX
MH174	TOT OWE MORTGAGE/LOAN - 2ND HOME- RESULT

Value of Trusts

Wave	Variable	Label	Type
10	H10ATRST	H10ATRST:W10 Assets:Trusts	Cont
10	H10AOTRST	H10AOTRST:W10 Asst Own:Trusts	Categ
10	H10AFTRST	H10AFTRST:W10 Asst Flag:Trusts	Categ

Descriptive Statistics

Variable	N	Mean	Std Dev	Minimum	Maximum
H10ATRST	15372	1374.36	41197.02	0.0	2500000.0
H10AOTRST	15372	0.00	0.07	0.0	1.0
H10AFTRST	15372	6.02	0.40	1.0	9.0

Categorical Variable Codes

Value-----	H10AOTRS
0.does not own asset	15302
1.owns asset	70
Value-----	H10AFTRS
1.continuous value	43
2.complete bracket	5
3.incomplete bracket	1
5.no value/bracket	19
6.no income	14923
7.DK if income	262
9.no Fin Resp	119

Notes:

H9ATRST is the value of assets in a trust that have not been reported elsewhere. Note that this is not included in any of the asset totals.

HRS Variables Used

HRS 2010:	
MQ464	PUT ANY ASSETS IN TRUST
MQ471	ALL OTHER ASSETS IN TRUSTS PREV REPORTED
MQ472	VALUE ASSETS NOT PREV REPORTED
MQ473	VALUE ASSETS NOT PREV REPORTED - MIN
MQ474	VALUE ASSETS NOT PREV REPORTED - MAX
MQ475	VALUE ASSETS NOT PREV REPORTED - RESULT

APPENDIX: Wealth and Income Imputation Method

1.1. Background

The RAND HRS Data contain a number of wealth and income variables. Where missing, we imputed their values.

Most HRS questions on wealth and income follow the same pattern. Consider holdings of stocks and mutual funds as an example. First, the interviewer asks whether the respondent (or his/her spouse) own any shares of stock or stock mutual funds. If affirmative, the interviewer asks the value of these stock holdings. If the respondent is unable or unwilling to provide an exact amount, the interviewer asks whether it is more than \$25,000. Depending on the response, additional, smaller brackets are explored so that in the end the range is narrowed down to \$0-2,500; \$2,500-25,000; \$25,000-125,000; \$125,000-400,000; \$400,000 or more. These ranges are known as “brackets;” the sequence of probes into increasingly narrow ranges is known as “unfolding brackets” questions. The brackets vary by asset and income category, and the cut-off values, though generally stable, can change between waves. For example, the cut-off values for dividend and interest income in HRS 1994 (Wave 2H) are \$200, \$500, \$2,500, and \$10,000, while in HRS 1996 (Wave 3H) are \$1,000, \$5,000, and \$25,000.

The respondent may opt out of the question sequence at any time. As a result, the raw data contain valid zero-value responses, exact amounts, complete bracket responses, incomplete bracket responses, and claim of ownership without value. An incomplete bracket results if the respondent provided some information but was unable or unwilling to respond through the last unfolding bracket probe. For example, he indicated that the stock holdings amount to more than \$25,000, but refused to tell whether they are worth more than \$125,000. In that case, the range is an open-ended \$25,000 or more. A claim of ownership without value results if the respondent indicated that he owns stocks, but was revealed neither the exact amount nor a range. A claim of ownership without value is a special case of an incomplete bracket, namely an open-ended bracket of greater than zero dollars.

Table 5. Distribution of Response Types on Stock Holdings (HRS Wave 2)

	Frequency	Percent
Continuous value	1,958	22.2
Complete bracket	643	7.3
Incomplete bracket	48	0.5
Owens, no value/bracket	149	1.7
No asset	5,846	66.4
Don't know ownership	78	0.9
No financial respondent	83	0.9
Total	8,805	100.0

As an illustration, Table 5 shows the frequency distribution of response types on the ownership and value of stock holdings in Wave 2. The stock holdings question is asked from the so-called financial respondent in the household, and unit of observation in the table is a household. The majority of respondents, 66.4 percent, reports not owning any stocks (other than in retirement

plans, which are not covered by this question). About one-fifth, 22.2 percent, owns stocks and provides an exact value. All other categories require imputation.

Note the last category in Table 5, “No financial respondent.” These are cases in which the HRS, for whatever reason, did not interview a financial respondent. For those cases, virtually nothing is known about financial issues. The RAND HRS Data contain imputed values for these households, but the user should be aware that these imputations are subject to potentially large errors. They may be identified through flag variables. For example, Table 5 is derived from variable H2AFSTCK (“H2AFSTCK:W2 Asst Flag:Stocks”).

In summary, the data contain valid responses and several types of responses that require imputations. In decreasing order of informational content:

- Case 1: We may know a “complete” range of values;
- Case 2: We may know that the household owns the asset (or has the income type), but have no information on its value, or only coarse information in the form of incomplete brackets; or
- Case 3: We may not even know whether the household owns an asset, much less its value.

Alternative Question Sequences

While the majority of income and asset questions follow the pattern described above, there are deviations.

Some questions, particularly income questions in Wave 1, do not probe for brackets if the respondent is unable or unwilling to provide an exact amount. We treat missing responses as-if there were unfolding bracket questions, but the respondent refused to provide any range information, i.e., as Case 2 above.

Some interviewers in Wave 1 used so-called range cards instead of the sequence of unfolding bracket questions. This was especially prevalent for questions on the value of primary residence, mortgages, home loans equity lines of credit, and debt. The range cards contain a list of ranges. For example, a card may have shown \$0-100; \$100-500; \$500-1,000; \$1,000-5,000; \$5,000-10,000; \$10,000 or more. The cards were intended for other purposes but were sometimes used inadvertently when respondents were unable or unwilling to provide an exact amount.³ Respondents who were presented a range card had instant knowledge of all cut-off values, as opposed to gradual access in unfolding bracket questions. The cut-off values on the range cards were typically different from those in the appropriate unfolding bracket sequence. We treat responses from range cards in the same way as complete brackets, i.e., Case 1 above. Naturally, we account for the cut-off values on the range cards, even if they are different from those in the unfolding bracket sequence.

Starting in Wave 4, the “entry point” of the unfolding bracket sequence was randomized. In other words, respondents who were unable or unwilling to provide an exact amount were asked whether the value was more than a certain value, where that value varied across respondents.

³ Recall that the Wave 1 interview was face-to-face; subsequent interviews were conducted by telephone.

The underlying idea was to reduce any response bias that may arise from the value of the entry point (“acquiescence bias”). We ignore the fact that the entry point varied across respondents and process the resulting information in the same way as in the first three waves.

Also starting in Wave 4, interviewers were able to record a new response. For example, suppose the interviewer asked “Is the amount greater than \$5,000, less than \$5,000, or what?” The potential answers now are “less than \$5,000,” “about \$5,000,” and “more than \$5,000.” In earlier waves, the first and second responses were combined. The additional option is present at each subsequent branch. Where the respondent indicated that the amount was “about” equal to a certain value, we took that value as an exact response and did not impute anything. We treated range responses in the same way as those in earlier waves.

Finally, some cut-off values of specific asset and income questions changed between waves, as did the entry point. This did not affect the resulting response types.

1.2. Imputation Process

The HRS public release files provide imputations for many asset and income types but the imputation method is not consistent across all waves. The RAND HRS Data contain imputations of all asset and income types using a consistent method.

As defined previously, there are three types of missing values that require separate types of imputation. Correspondingly, we developed three progressive imputation steps: to impute an exact amount, given that a range is known; to impute a range, given that ownership or only incomplete range is known; and to impute ownership, in case nothing is known. Table 6 illustrates the type of imputation necessary for each type of missing value.

The imputation process is progressive in the sense that we first impute ownership for those for whom nothing is known. Given ownership, we impute brackets. Given brackets, we impute exact amounts. We always use all available information. In particular, where incomplete brackets are known, we impute complete brackets in the given range.

Table 6. Response Types and Required Imputations

Reported Information	Required Imputation
Continuous value	None
Complete bracket	Amount
Incomplete bracket	Bracket, Amount
Owens, no value/bracket	Bracket, Amount
No asset	None
Don't know ownership	Ownership, Bracket, Amount
No financial respondent	Ownership, Bracket, Amount

1.2.1. Ownership Imputation

To impute ownership, we first estimate a logistic regression model of ownership based on the sample of respondents with nonmissing ownership information for the asset or income type at issue. The explanatory covariates are discussed below. Next, we calculate the predicted probability of ownership for households with missing ownership information. Finally, we draw a random number from a uniform distribution between zero and one and assign ownership if and only if the predicted probability exceeds the random number.

The estimation sample varies by asset and income type. For example, a household that reports ownership of housing wealth but not on stock holdings only enters the estimation sample for ownership of housing wealth.

In some waves and for some asset and income types, ownership is rare and the logistic regression model fits the data poorly. Instead of imputing on the basis of a logistic model, we randomly assign ownership with a probability of ownership found in the nonmissing sample. This is equivalent to fitting a logistic model without covariates. We apply this procedure for assets in waves with fewer than 50 households reporting ownership.

1.2.2. Bracket Imputation

We impute brackets for asset owners (imputed and reported) who do not report a continuous value and do not fully complete the questionnaire bracketing sequence on asset value. First, we estimate an ordered logit model based on the sample of households who do not report a continuous value but do complete the bracketing sequence. The explanatory covariates are discussed below. Next, we calculate the predicted probabilities of being in each bracket for respondents with missing or incomplete bracket information. For those who partially complete the bracketing sequence, we calculate conditional probabilities based on the range of possible values from their answers. Finally, we draw a random number from a uniform distribution between zero and one and assign a bracket based on a comparison of the random number with the cumulative distribution of range probabilities.

For some asset and income types, notably Wave 1 incomes, no bracket questions were asked. For these items, this step is skipped and we treat the strictly positive dollar range as a single large open-ended bracket.

For some asset and income types, fewer than 50 households completed the bracket sequence. We treated these types in the same way as types without bracket questions.

1.2.3. Amount Imputation

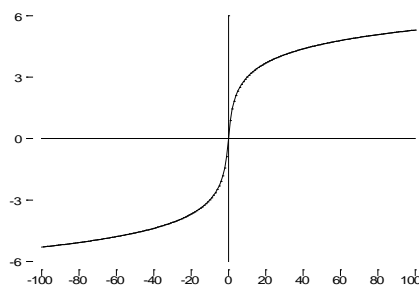
We impute exact amounts for all cases with (reported or imputed) bracket information. The procedure is different for cases in closed vs. open-ended brackets.⁴ For closed brackets, we use a “nearest neighbor” approach; for open-ended brackets, a Tobit-based approach. The following discusses the two approaches in turn.

In the nearest neighbor approach for closed brackets, we first estimate a linear regression model based on the sample of households who report an exact continuous value. The explanatory covariates are discussed below. The distribution of asset and income amounts tends to be roughly log-normal, so we would like to apply a logarithmic transformation to the outcome (asset, income) variable. However, some outcomes, such as business income, may be negative. The frequency with which this occurs is very low—too low to allow for a fully flexible model specification. Instead, we therefore apply the inverse hyperbolic sine transformation.⁵ Next, we computed predicted values for all cases, both with and without exact amounts. For each missing observation in closed brackets, we impute the actual value from the sample of households who report an exact amount that is closest in predicted value.

In exploratory work, we applied this method to missing amounts in both closed and open-ended brackets. However, we found that the resulting imputations generated implausible distributions at the top of the distribution. The data contains some outliers which the nearest neighbor

⁴ A closed bracket is known cut-off values; an open-ended bracket is, for example, \$500,000 or more.

⁵ The inverse hyperbolic sine transformation is given by $y = \log\left(Y + \sqrt{Y^2 + 1}\right)$. For positive values of outcome Y , not close to zero, this transformation closely mimics the logarithmic transformation. Only for small amounts, on the order of between -\$10 and +\$10 is the transformation appreciably different from the logarithmic transformation. The transformation is point-symmetric around zero. It may be graphed as:



If the logarithmic transformation were added to this graph, it would be indistinguishably close on the north-east quadrant (up to a scale factor).

approach selects with too high a frequency to be plausible. We therefore developed an alternative approach for open-ended brackets.

For missing observations in open-ended brackets, we estimate a separate model. First, we discard observations in the bottom 25 percent of the outcome, thus ensuring that the outcomes are all positive and that their distribution is close to log-normal. Based on this sample of nonmissing observations, we estimate a Tobit model. The explanatory covariates are discussed below. The outcome is a logarithmic transformation of the actual amount. We then compute predicted values of the log-amount for missing observations. To preserve the spread of the distribution of outcomes in the imputations, we add a draw from the residual distribution to this log-amount, and then untransform (exponentiate) the result. If the thus-imputed value is below the lower bound of the open-ended bracket, we re-draw from the residual distribution and repeat this until the imputed value is in the appropriate range. (This is equivalent to drawing from a truncated normal distribution.) The residual distribution is assumed to be normal with a zero mean and a standard deviation equal to the estimated standard deviation of the residual in the Tobit regression model.

1.2.4. Covariates

The number of model specifications in the imputations is large. There are four waves with well over a dozen asset and income types each, and each requires three equations. We experimented extensively with model specifications. On the one hand, we would like to select explanatory covariates that fit the models best. On the other hand, we would like the specifications to be parsimonious and consistent across asset and income types. Consistency across asset and income types caused problems with assets and income types where only small samples were available. In the end, we opted for the same set of explanatory covariates in all asset model specifications (ownership, bracket, and amount for all asset types) and another consistent set in income specifications. The sets are formed by principal components of approximately 30 explanatory covariates. For income imputations, the underlying explanatory covariates include (transformations of) husband and wife's employment status, education, health status, age, race, marital status, occupation class⁶, cognition, and bequest motive. For wealth imputations, the same set applies, but excluding employment status and including a number of income amounts and indicators of pension or government benefit receipt. We found that the first ten principal

⁶ Beginning in 2006 (Wave 8), HRS decided to switch from using the 1980 Standard Occupational Codes (SOCs) to those for 2000. One of the covariates we use in the imputation process is an indicator for whether or not a person's occupation is defined as "professional" (See Table #7, M_PROF and F_PROF). Prior to 2006, the 1980 SOCs were collapsed into 17 categories, and determining who was professional was relatively straight-forward (See JMW201am in the HRS 2004 codebook for a list of these categories). Specifically, we defined professionals as anyone in the first two categories (i.e., "Managerial specialty operation", or "Professional specialty operation and technical support").

The 2000 SOCs, on the other hand, were collapsed into 25 categories, which were actually quite different than the 17 categories produced using the 1980 SOCs. Using available crosswalks of the 1980 and 2000 SOCs in conjunction with other information, we determined that the first 11 categories could appropriately be considered professional occupations (See KB024M in the HRS 2006 codebook for a list of these categories). Therefore, from HRS 2006 forward, we will use this classification to create the related covariates.

components resulted in model fits that in most cases were very close to the fit from the larger set of covariates, without sample size issues. The set of regressors varies slightly across waves, and the principal component factor loadings are computed separately for each wave. For example, Table 7 shows summary statistics and load factors of the explanatory covariates that make up the principal components of Wave 2 income imputations.

**Table 7. Load Factors on First Two Principal Components
(Wave 2 Income Imputations)**

Variable	Mean	Std. Dev.	Factor loadings on		Description
			First comp't	Second comp't	
BEQ10	61.54	42.43	0.3395	-0.0289	Probability Bequest \$10,000+
BEQ10M	0.0527	0.2234	-0.1223	0.0481	Bequest \$10,000 missing
BEQ100	31.82	40.39	0.3034	-0.0139	Probability Bequest \$100,000+
BEQ100M	0.2559	0.4364	-0.3170	0.0326	Bequest \$100,000 missing
M_COLLEG	0.1796	0.3839	0.2306	-0.0043	Male: College Graduate
F_COLLEG	0.1546	0.3616	0.1644	-0.1185	Female: College Graduate
M_HSGED	0.2549	0.4358	0.0701	0.1507	Male: HS Diploma or GED
F_HSGED	0.3516	0.4775	0.0302	0.0719	Female: HS Diploma or GED
M_EXHLTH	0.3530	0.4779	0.2687	0.0400	Male: Excellent/Very Good Health
F_EXHLTH	0.4247	0.4943	0.2321	-0.0694	Female: Excellent/Very Good Health
M_PRHLTH	0.1747	0.3797	-0.1176	0.2205	Male: Fair/Poor Health
F_PRHLTH	0.2001	0.4001	-0.2244	0.0651	Female: Fair/Poor Health
M_PROF	0.1766	0.3813	0.2378	0.0130	Male: Professional Work
F_PROF	0.1391	0.3460	0.1504	-0.1162	Female: Professional Work
M_WORK	0.4580	0.4983	0.2363	-0.0749	Male: Currently Working
F_WORK	0.4851	0.4998	0.1352	-0.2087	Female: Currently Working
M_UNEMP	0.0202	0.1407	-0.0167	-0.0135	Male: Unemployed
F_UNEMP	0.0209	0.1431	-0.0318	-0.0391	Female: Unemployed
M_DISAB	0.0923	0.2895	-0.1219	0.1245	Male: Disabled/Temp Laid Off
F_DISAB	0.0961	0.2947	-0.1970	0.0195	Female: Disabled/Temp Laid Off
M_RETIR	0.2014	0.4011	0.0587	0.3879	Male: Retired
F_RETIR	0.0977	0.2969	0.0233	0.2001	Female: Retired
AGE	58.64	4.84	0.0027	0.4766	Age of Oldest Partner
AGESQ	3461.57	579.24	0.0025	0.4782	Squared Age of Oldest Partner
SINGLFEM	0.2308	0.4214	-0.2341	-0.2965	Single Female Financial Respondent
MARRIED	0.6722	0.4694	0.2501	0.2667	Married Couple
NONWHITE	0.2924	0.4549	-0.2181	-0.0361	Non-White Financial Respondent
MISSCOGN	0.0906	0.2871	-0.1047	0.0308	Missing Cognition Score
LOWCOGN	0.2804	0.4492	-0.1134	0.0793	Low Cognition Score

1.3. Substantive Differences Across Waves

In addition to survey-technical changes between waves, there have been a few changes that may affect the comparability of asset values across waves. We discuss the most important changes.

Notable Differences between HRS 1992 (Wave 1) and HRS 1994 (Wave 2)

Net value of vehicles: Wave 1 includes a measure of the value of a recreational vehicle or motor home in the Housing Section and a measure of the value of other vehicles in the Asset Section.

We separately imputed these values and summed them. For Wave 2, the two components are incorporated into one measure of the net value of vehicles in the Asset Section.

Notable Differences between HRS 1994 (Wave 2) and HRS 1996 (Wave 3)

Asset income: In Waves 1 and 2, asset ownership and value were asked in the Asset Section, whereas income from assets was asked separately in the Income Section. Starting in Wave 3, income from asset questions were incorporated in the Asset Section. For example, if the respondent indicated owning stocks, the interviewer followed up with a question about dividends. This increased the response rate for asset income. Assuming that this increases the quality of responses, it also improves the accuracy of our asset imputations, because asset income is an explanatory covariate of our imputation model.

Net value of IRA/Keogh accounts: In Waves 1 and 2, respondents were asked to report the total value of all Individual Retirement Account (IRA) and KEOGH accounts. In Wave 3, separate questions were asked about the largest, second largest, and all other accounts.

Notable Differences between HRS and AHEAD (Waves 2 & 3)

HRS 1994 and AHEAD 1993 (Wave 2)

AHEAD 1993 has a very different structure than HRS 1994. With the exception of Social Security benefits, SSI and food stamps, respondents are expected to specify the types of income received. For example, they are asked if they have “any regular income”, and if so, they are asked to identify the source. So there are no specific questions such as “Do you receive any income from pensions?” However, they can describe up to 4 regular incomes per partner and up to 3 household investment incomes. The result is many separate components for those combined in other waves, such as stock income and veteran’s benefits. Specific question wording differences are described in the “Cross Wave Differences in Original HRS Data” subsections in the codebook.

HRS 1996 and AHEAD 1995 (Wave 3)

The structures of HRS 1996 and AHEAD 1995 are very similar. However, there are several notable differences. These are outlined under the “Cross Wave Differences in Original HRS Data” subsections in the codebook.

Notable Differences between HRS 1996 (Wave 3) and HRS 1998 (Wave 4)

Housing wealth: Starting in Wave 4, mobile homes are a separate category of measurement in the Housing Section. We impute their value separately and incorporate it into housing wealth.

Notable Differences between HRS 1998 (Wave 4), HRS 2000 (Wave 5) and HRS 2002 (Wave 6)

The structures of Waves 4, 5, and 6 are very similar. Any important differences are specified under “Cross Wave Differences in Original HRS Data” subsections in the RAND HRS codebook.

Notable Differences between HRS 1998 (Wave 4) through HRS 2002 (Wave 6) and HRS 2004 (Wave 7) through the current wave

The structures of questions from Wave 7 forward are very similar to those in Waves 4 to 6. However, Waves 7 and beyond no longer ask for income from trusts and alimony specifically. One can assume that these types of income would now be reported with non-specific other income. We have looked at this for cases that previously did report alimony or trust income and found that other income did not increase as one might expect were these types of income included.

Notable Differences Between HRS 2000 (Wave 5) and HRS 2002 (Wave 6) through the current wave

In Wave 5, respondents who are 65 years of age or older, and report not working for pay in the last calendar year, skip the questions about income from unemployment and worker’s compensation. Respondents who are < 65 years of age, on the other hand, are asked both sets of questions, even if they are not working. From Wave 6 forward, the same pattern is true for respondents who are 65 years of age or older. However, those who are < 65 years of age, and report not working for pay in the last calendar year, are asked the questions about income from unemployment, but skip those related to worker’s compensation.

Notable Differences between HRS 2006 (Wave 8) and HRS 2008 (Wave 9)

Bracket breakpoints for debt: In Waves 8 and 9, respondents who answer “Don’t Know” or “Refuse” to the question about debt amount (Q478) enter into a sequence of bracket questions to determine a possible range of values. In Wave 8, the breakpoints for these ranges were \$500, \$5,000, and \$50,000. However, in Wave 9, these breakpoints changed to \$1,000, \$5,000, \$15,000, and \$50,000.

Business assets reported earlier in the interview: Beginning in Wave 6, after the value of business or farm assets is collected, a question (Q492) asks whether these assets were reported previously in the interview. Beginning in Wave 9, a follow-up question was added which asks respondents to indicate what percentage was previously reported (Q523). For example, in Wave 9, about 30% of business owners indicate that they had reported their business wealth as either primary residence (which could be a farm or ranch), secondary residence, or other real estate earlier in the interview (Q492 = yes), and of these, most say that all of the business asset was previously reported (Q523 = 100%).

These two variables are included in this file for the convenience of the analyst, and can be used for adjusting total wealth to reflect the amount of wealth that is twice reported. We do not use these two variables in the imputations or derivations of any of the variations on total wealth.

Housing loan question wording: In the housing section, there are a series of questions about whether the respondent has "...a mortgage, land contract, second mortgage, or any other loan that uses the property as collateral". In Wave 9, the qualifier "Do not include reverse mortgages" was added.

Notable Differences between HRS 2008 (Wave 9) and HRS 2010 (Wave 10)

The questions asking about number of months receiving food stamps changed in wave 10. The questions were asked separately by year of receiving food stamps.