

UnderStandingAmericaStudy

UAS COMPONENT FILE DATA DESCRIPTION



USC Dornsife Center for Economic and Social Research

December 2020

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1. INTRODUCTION

This document describes the contents of the Understanding America Study's (UAS) Component File, created at the University of Southern California (USC) by the Center for Economic and Social Research (CESR). Support for creating this data set is provided by the Social Security Administration (SSA) and the National Institute on Aging (NIA).

The UAS Component File (also referred to as simply the Component File) comprises data derived from online survey data collected by CESR through its UAS internet panel:

<https://uasdata.usc.edu/index.php> (for an overview of the UAS, please see the Introduction of the [UAS Comprehensive File Data Description](#)). The data in the current Component File have their source in the first three waves of the Comprehensive File studies (Waves 12 through 14¹—the wave numbering structure will be explained in [Section 2.1](#)). The variables in the Component File can be divided into two groups: variables based on the income and wealth sections of the UAS version of the core Health and Retirement Study (HRS)² questionnaires, and a set of demographic and survey information items associated with every UAS survey in the Comprehensive File.

The income and wealth variables included are the components, that is, the individual amounts used to calculate the income and wealth summary variables found in the Comprehensive File. For example, looking at Wave 12, the Component File contains several sources of respondent earnings—such as income from wages, second jobs, tips, and professional practice—that are combined when calculating the total earnings summary variable (*r12iearn*) in the Comprehensive File.

A set of demographic and survey information items are included for each of the surveys contributing to the Comprehensive File, as well as two items (*inhrs12* and *inhrs13*) indicating participation in each UAS HRS wave included in the file. Some examples of these variables are marital status, level of education, and the date respondents began each UAS survey and the respondent completion date of each survey.

The Component File is intended as a supplement to the Comprehensive File. Early versions of the Component File only contained variables pertaining to the UAS HRS study. Starting in June 2020, it was expanded to include demographic and survey information variables for the other surveys that make up the Comprehensive File, referred to as the core “non-HRS” UAS surveys.

The variable naming structure in the Component File differs from the Comprehensive File. Component File variable names are denoted for identification of each variable's UAS survey of

¹ For the current release of the Component File, Wave 14 variables are included from non-HRS surveys only. Future releases of the file will contain UAS HRS Wave 14 variables as well.

² The core HRS refers to the questionnaires and survey that correspond to the HRS study administered by the University of Michigan.

origin. Details of this naming structure are located in [Section 3.1](#) of this document. A data document describing the variables in the Comprehensive File can be found [here](#).

The Component File can be easily linked with the Comprehensive File or with any individual UAS survey (described in [Section 2.5](#)). An updated listing of all available UAS data sets is available on the [UAS All Surveys page](#). Both the Component and Comprehensive Files can be found [here](#). Please send all questions about the data sets or this data description to uas-l@mymaillists.usc.edu.

2. OVERVIEW OF THE UAS COMPONENT FILE

2.1 UAS Input Files

The majority of Component File variables are based on items collected in the My Household survey and in the sequence of surveys that make up the UAS HRS.

The My Household survey is administered quarterly to all UAS panel respondents. It queries respondent age, gender, ethnicity, marital status, state of residence, education, number of household members in the UAS, among other attributes. My Household data are included within every UAS survey's data set to provide a snapshot of respondents' demographic characteristics near the time when they completed each survey. The My Household survey completed closest in time before a given survey is linked with that survey and added to its data. Consequently, within the Component File, My Household data are always indexed to a specific UAS survey. These My Household variables were added to the Component File with variable names referencing the linked surveys (e.g., *r12_uas1gender* is the Component File variable name for the gender variable collected in the My Household survey that is indexed to UAS 1).

The UAS HRS is based on the 2014 (Wave 12) and 2016 (Wave 13) core HRS questionnaires. The waves are numbered 12 and 13 (instead of 1 and 2) to correspond to the wave-to-questionnaire mapping scheme used by the RAND HRS to facilitate familiarity for users who have previously worked with RAND HRS data. Since the questionnaires for this study are frequently lengthy, each wave of the UAS HRS is fielded over six separate UAS surveys (listed in Table 1) to reduce respondent burden. The section letters seen in Table 1 refer to the core HRS questionnaire sections.

The Component File also includes survey start dates, completion dates, and survey participation indicators flag from every survey within both the UAS HRS and within the nine other studies that contribute to the Comprehensive File. These remaining studies are referred to as the core non-HRS studies, and the surveys collecting data for them are referred to as the core non-HRS surveys. The three waves for each of the core non-HRS studies are numbered 12, 13, and 14, respectively, to maintain consistency with the UAS HRS. These core non-HRS surveys and the corresponding their studies are also listed in Table 1. More information about the nine core non-HRS studies is found in the [Comprehensive File Data Description](#).

Table 1. Correspondence between UAS Component File Studies and UAS Surveys

UAS Study	UAS Surveys
UAS HRS	UAS 20 Sections A-D (Wave 12) UAS 21 Sections E-H (Wave 12) UAS 22 Sections J-M (Wave 12) UAS 23 Sections N-P (Wave 12) UAS 24 Sections Q-R (Wave 12) UAS 25 Sections S-W (Wave 12) UAS 95 Sections A-D (Wave 13) UAS 96 Sections E-H (Wave 13) UAS 97 Sections J-M (Wave 13) UAS 98 Sections N-P (Wave 13) UAS 99 Sections Q-R (Wave 13) UAS 100 Sections S-W (Wave 13)
Topic P: Financial Literacy; Personality; Understanding Probabilities; Numeracy	UAS 1 (Wave 12) UAS 121 (Wave 13) UAS 237 (Wave 14)
Topic W: Satisfaction with life domains; well-being yesterday; neighborhood quality; comparison of incomes with others	UAS 2 (Wave 12) UAS 121 (Wave 13) UAS 237 (Wave 14)
Topic K: What do people know about Social Security	UAS 16 (Wave 12) UAS 94 (Wave 13) UAS 231 (Wave 14)
Topic F: Financial Services and Decision Making	UAS 18 (Wave 12) UAS 119 (Wave 13) UAS 239 (Wave 14)
Topic I: Ways people get information on retirement and Social Security	UAS 26 & UAS 16 (Wave 12) UAS 113 (Wave 13) UAS 238 (Wave 14)
Topic C: Subjective numeracy and Consumer Financial Well-being	UAS 38 (Wave 12) UAS 177 (Wave 13)
Topic N: Cognitive measures 1 – Numbers	UAS 42 (Wave 12) UAS 83 (Wave 13) UAS 292 (Wave 14)
Topic V: Cognitive measures 2 – Picture Vocabulary	UAS 43 (Wave 12) UAS 84 (Wave 13) UAS 293 (Wave 14)
Topic A: Cognitive measures 3 – Verbal Analogies	UAS 44 (Wave 12) UAS 85 (Wave 13) UAS 294 (Wave 14)
My Household	My Household Survey (taken quarterly)

All data used to create the UAS Component File were downloaded from the UAS Survey Data Page on November 22, 2020. Since some of these surveys are still in the field, response numbers have most likely changed since the creation of the file. Future releases of the UAS Component File will include updated data for each UAS survey containing new information since the previous Component File release.

2.2 UAS HRS Survey Sequence

Not every UAS panel member participated in each of the UAS HRS waves listed in Table 1. The UAS HRS Wave 13 surveys are administered as followup surveys to the UAS HRS Wave 12 surveys. Therefore, each respondent must have completed all Wave 12 surveys (UAS 20 through UAS 25) to be eligible to take the first Wave 13 survey (UAS 95).

Wave 12 respondents take UAS 20 through UAS 25 (UAS 95 through UAS 100 in Wave 13) sequentially with the exception that respondents take UAS 24 before UAS 23 (UAS 99 before UAS 98 in Wave 13). This is done because the content in surveys UAS 22 and UAS 24 in Wave 12 (and UAS 97 and UAS 99 in Wave 13) are similar in that both focus on employment and earnings from that employment. Since there can be a time lag between when a respondent finishes one UAS HRS survey and begins the next, it was decided to decrease that lag so that the employment status information given in UAS 22 (and UAS 97) has a higher likelihood of being current when the respondent answers questions about income in UAS 24 (and UAS 99).

The variables *inhrs12* and *inhrs13* are included in the Component File to indicate whether respondents have completed at least the first survey in each respective UAS HRS wave. A value of 1 indicates at least 1 UAS HRS survey in the particular wave has been completed, whereas a 0 indicates that the respondent has not yet completed any UAS HRS surveys in that wave.

2.3 UAS Component File Format

The UAS Component File is available for download [here](#) from the UAS website in STATA or CSV format. The file is organized at the respondent-level, which is uniquely identified by the variable, *uasid*. If you would like the data in a different format, such as SAS, please email your request to uas-l@mymaillists.usc.edu.

2.4 Obtaining UAS Data

The data described in this document are based on UAS public data release files. These files are accessible through the [UAS All Surveys page](#).

Before using the data, one must first obtain permission from the UAS by [registering on the UAS site](#) to download the public release files. By registering with UAS one agrees to the “Conditions of Use” governing access and use of the data.

2.5 Merging with other UAS Data Sets

Each UAS file can be merged with other files using the unique person identifier variable, *uasid*. *Uasid* is assigned to a respondent at recruitment into the UAS panel and stays fixed for each survey taken. Please use *uasid* to merge the UAS Component File with the UAS Comprehensive Data File and any other UAS survey data set.

3. UAS COMPONENT FILE DESCRIPTION

The Component File can be classified into two segments:

- Demographic and survey information items for every UAS survey in the Comprehensive File
- The component measures from the income and wealth sections of the UAS HRS.

Both segments are described in this section, along with the variable naming structure for the Component File. In the Component File, variable name prefixes are determined by the wave, topic, and UAS survey from which the data originates. This structure differs from the Comprehensive File, in which variable name prefixes are determined only by the associated UAS wave and study.

3.1 Variable Naming Structure

The naming convention for all variables in the UAS Component File is similar to the one in the Comprehensive File except for one main difference (see Section 3.1.1 of the [Comprehensive File Data Description](#) for variable naming in the Comprehensive File). The difference being the Component File variable names contain in their prefix an underscore followed by the letters “uas” and the UAS survey (denoted with the unique UAS survey number) from which data were collected.

Table 2 demonstrates an example of this naming convention for the Component File variables containing Wave 12 marital status. The corresponding variable in the UAS Comprehensive File is simply *r12mstat*, which uses the individual UAS survey responses and timing information to consolidate the data into one variable.

Table 2. Naming Convention for Variables in the UAS Component File (Shown for Wave 12 Marital Status)

UAS Component File Variable	Corresponding UAS Survey
r12_uas20mstat	UAS 20
r12_uas21mstat	UAS 21
r12_uas22mstat	UAS 22
r12_uas23mstat	UAS 23
r12_uas24mstat	UAS 24
r12_uas25mstat	UAS 25
r12_uas1mstat	UAS 1
r12_uas2mstat	UAS 2
r12_uas16mstat	UAS 16
r12_uas18mstat	UAS 18
r12_uas26mstat	UAS 26
r12_uas38mstat	UAS 38
r12_uas42mstat	UAS 42
r12_uas43mstat	UAS 43
r12_uas44mstat	UAS 44

For the Component File's UAS HRS income and wealth variables, the character directly following the UAS survey identifier is always either an “a” for wealth assets, or an “i” for an income item. If the variable is an imputation flag variable, the next character is an “f”. For wealth asset ownership and income received variables, the next character is an “o”. Examples of this structure are presented in the following sections.

3.2 UAS HRS Income and Wealth Variables

The harmonized income and wealth components are the primary focus of the UAS Component File's income and wealth segment. In addition, the corresponding income and wealth summary variable amounts are also included in the Component File. This is done as a convenience for users of the file. For the same reason, income and wealth variables that do not have any components associated with them are also included in the Component File (e.g., value of stocks).

Income and wealth imputation flags are included in the Component File for each component variable. The meaning of their values is consistent with those in the Comprehensive File. Additionally, ownership flag variables are included in the Component File. These are binary 0/1 variables that indicate whether an income type was received and whether a wealth asset is owned. These ownership variables are only present in the Component File.

3.2.1 Income Variables

The income-related variables in the UAS Component File consist of the various income components and their associated summary variables. A list of all income variables is presented in [Appendix Table B.1](#). Next, we show the Wave 12 components included in the Component File that are not found in the Comprehensive File, and how each relates to its summary variable. For income items that have a respondent and spouse variable, the respondent version is shown as an example, though each is computed identically. The Wave 13 equivalent variables are also computed identically.

- Respondent Earnings
The summary variable for this income amount is *r12_uas24iearn*. It is the sum of four income components:
 1. Wages/salary – *r12_uas24iwage*
 2. Tips, bonuses, and commissions – *r12_uas24ibon*
 3. Second job earnings – *r12_uas24i2nd*
 4. Professional practice or trade earnings – *r12_uas24itrad*
- Respondent Income from Employer Annuity
The summary variable for respondent income from employer annuity is *r12_uas24iann*. Its value is the sum of three income components: *r12_uas24iann1*, *r12_uas24iann2*, and *r12_uas24iann3*. The variable *r12_uas24iann1* represents the income amount of the largest annuity, *r12_uas24iann2* represents income from the second largest annuity, and *r12_uas24iann3* is the income amount from any remaining annuities.
- Respondent Income from Employer Pension
The summary variable for respondent income from employer pension is *r12_uas24ipen*. Its value is the sum of three income components: *r12_uas24ipen1*, *r12_uas24ipen2*, and *r12_uas24ipen3*. The variable *r12_uas24ipen1* represents the income amount of the largest pension, *r12_uas24ipen2* represents income from the second largest pension, and *r12_uas24ipen3* is the amount of any income from any remaining pensions.
- Household Capital Income
The summary variable household capital income, *h12_uas24icap*, has a value that is the sum of several income component variables.
 1. Respondent and spouse self-employment income – *r12_uas24isemp* and *s12_uas24isemp*
 2. Business income – *h12_uas24ibusin*

3. Rental income – *h12_uas24irntin*
4. Dividend income – *h12_uas24idivin*
5. Certificate of Deposit income – *h12_uas24icdin*
6. Checking/Savings interest income – *h12_uas24ichkin*
7. Bonds income – *h12_uas24ibndin*
8. Household income amount from other savings/assets – *h12_uas24iothi1*

When calculating *h12_uas24icap*, special attention is paid to avoid double counting component amounts representing the same income, such as self-employment income that was included in the business income amount.

- All Other Household Income

This summary variable, *h12_uas24iothr*, is the value of the sum of the income components:

1. Any income not already mentioned – *h12_uas24iothi2*
2. Lump sum amount variables *h12_uas24iluyr1*, *h12_uas24iluyr2*, *h12_uas24iluyr3*.
Examples of the type of lump sum payments received are insurance settlements, pension settlements, inheritances, gifts, and lawsuits.

- Respondent Income from Other Government Transfers

The summary variable for respondent income from other government transfers is *r12_uas24igxfr*. Its value is the sum of the following income components:

1. Income from Veterans Benefits or Military Pension – *r12_uas24ivet*
2. Dollar value of food stamps/SNAP benefits received – *h12_uas24ifood*
3. Welfare income – *h12_uas24iwelf*

The values of *h12_uas24ifood* and *h12_uas24iwelf* that contribute to the total of *r12_uas24igxfr* depend on whether the respondent is married, and also who received the benefit (only respondent, only spouse, both).

- Respondent Income from Social Security Disability and SSI

The summary variable representing this amount is *r12_uas24issdi*. It is the sum of two separate social security benefit amounts:

1. Income from Social Security Disability (SSDI) – *r12_uas24isdi*
2. Supplemental Security Income (SSI) – *r12_uas24issi*

- Respondent Income from Unemployment and Worker's Compensation

The summary variable representing this amount is *r12_uas24ifunwc*. It is the value of the sum of income components:

1. Income from Unemployment – *r12_uas24iunem*
2. Income from Worker's Compensation – *r12_uas24ifwcmp*

- Respondent Income from Social Security Retirement

The variable representing the value of income from Social Security retirement is *r12_uas24isret*. It is calculated by multiplying the Social Security retirement monthly

amount variable, *r12_uas24mss*, and the number of months received variable, *r12_uas24nss*. Therefore, the value of *r12_uas24isret* represents the yearly amount received.

In addition to the Social Security retirement variable, *r12_uas24isret*, several other income variables have corresponding monthly amount and number of months received variables that are included in the Component File. There are also variables that represent whether the number of months a particular received benefit was reported or not. Table 3 indicates which yearly income variables have monthly variables associated with them.

Table 3. Wave 12 Income Variables Reported at the Monthly Amount³

Yearly Income Amount	Monthly Income Amount	Number of Months Received	Whether Number Months Reported
<i>r12_uas24isret</i>	<i>r12_uas24mss</i>	<i>r12_uas24nss</i>	<i>r12_uas24nfss</i>
<i>r12_uas24ipen1</i>	<i>r12_uas24mpen1</i>	<i>r12_uas24npen1</i>	<i>r12_uas24nfpen1</i>
<i>r12_uas24ipen2</i>	<i>r12_uas24mpen2</i>	<i>r12_uas24npen2</i>	<i>r12_uas24nfpen2</i>
<i>r12_uas24ipen3</i>	<i>r12_uas24mpen3</i>	<i>r12_uas24npen3</i>	<i>r12_uas24nfpen3</i>
<i>r12_uas24iann1</i>	<i>r12_uas24mann1</i>	<i>r12_uas24nann1</i>	<i>r12_uas24nfann1</i>
<i>r12_uas24iann2</i>	<i>r12_uas24mann2</i>	<i>r12_uas24nann2</i>	<i>r12_uas24nfann2</i>
<i>r12_uas24iann3</i>	<i>r12_uas24mann3</i>	<i>r12_uas24nann3</i>	<i>r12_uas24nfann3</i>
<i>r12_uas24ivet</i>	<i>r12_uas24mvet</i>	<i>r12_uas24nvet</i>	<i>r12_uas24nfvet</i>
<i>r12_uas24isdi</i>	<i>r12_uas24msdi</i>	<i>r12_uas24nsdi</i>	<i>r12_uas24nfsdi</i>
<i>h12_uas24issi</i>	<i>h12_uas24mssi</i>	<i>h12_uas24nssi</i>	<i>h12_uas24nfssi</i>
<i>h12_uas24ifood</i>	<i>h12_uas24mfood</i>	<i>h12_uas24nfood</i>	<i>h12_uas24nffood</i>

All income-related amount variables in the Component File have an imputation flag and “whether income type received” (also referred to as ownership) variables associated with them. The Wave 12 imputation flag variables have the prefix *r12_uas24if*, *s12_uas24if*, or *h12_uas24if* depending on the reporting source of the variable (respondent, spouse, or household). Similarly, the Wave 12 income received variables have the prefix *r12_uas24io*, *s12_uas24io*, or *h12_uas24io* (*r13_*, *s13_*, *h13_* for the equivalent Wave 13 variables).

The rest of the income variables included in the Component File can also be found in the Comprehensive File. These variables have the same name except for the difference in variable

³ Each respondent-level variable (indicated by variable prefix “r”) in Table 3 has a spouse-level equivalent set of variables, as well as a Wave 13 respondent and spouse-level set of variables.

prefix naming structure. For example, the value of Wave 13 respondent earnings is *r13_uas99iearn* in the Component File and *r13iearn* in the Comprehensive File.

3.2.2 Wealth Variables

The wealth-related variables in the UAS Component File include components of several summary variables that are found in the UAS Comprehensive File. A list of all wealth variables is presented in [Appendix Table B.2](#). All wealth assets are reported at the household level. The wealth components described next are shown for Wave 12 as an example. Equivalent Wave 13 wealth components for each are found in the Component File. These wealth components are related to the following assets:

- Net value of all IRA/401K accounts
The summary variable for this wealth amount is *h12_uas24aira*. The components included in the Component File are *h12_uas24aira1*, *h12_uas24aira2*, and *h12_uas24aira3*, which are summed to create the value of *h12_uas24aira*. The variable *h12_uas24aira1* is the amount of the largest IRA, *h12_uas24aira2* is the amount of the next largest IRA, and *h12_uas24aira3* is the amount of all remaining IRAs.
- Net value of primary residence
The summary variable for the value of the primary residence is *h12_uas21ahous*. The components are *h12_uas21amobl* (the net value of primary residence if it is a mobile home), and *h12_uas21ahou1* (net value of primary residence if it is a house). Respondents may own a house or a mobile home as a primary residence or neither, but never both. Therefore, the value of *h12_uas21ahous* (and *h12ahous* in the Comprehensive File), is the value of the component the respondent owns or zero if neither is owned.
- Value of all mortgages on primary residence
The summary variable for the value of all mortgages on the primary residence is *h12_uas21amort* and its components are *h12_uas21amrt1* and *h12_uas21amrt2*, which correspond to the value of the first and second mortgages on the residence. The components *h12_uas21amrt1* and *h12_uas21amrt2* are summed to create *h12_uas21amort*.
- Value of all other home loans on primary residence
The summary variable for the value of all other home loans is *h12_uas21ahmln*. Its components are *h12_uas21aeqcd*, the value of a line of equity credit, and *h12_uas21aeqln*, the value of any other home loan on the primary residence. These components are summed to create the value of *h12_uas21ahmln*.

Like the income amounts, all wealth-related amount variables in the Component File have imputation flag and ownership variables associated with them. The prefix for the Wave 12 wealth imputation flag variables are *h12_uas21af* or *h12_uas24af* depending on which UAS

survey each originated. Likewise, the prefix for the wealth ownership variables is *h12_uas21ao* or *h12_uas24ao* (*h13_* for Wave 13 variables).

Exclusively to the Component File, the wealth asset of trusts is included. Its associated variables (for Wave 12) are *h12_uas24atrst*, *h12_uas24aotrst*, and *h12_uas24aftrst*, corresponding to the trust amount, ownership flag, and imputation flag, respectively.

The rest of the wealth variables included in the Component File can also be found in the Comprehensive File, after accounting for the difference in variable prefix naming structure. For example, the value of Wave 12 bonds is *h12_uas24abond* in the Component File and *h12abond* in the Comprehensive File.

3.3 Demographic and Survey Information Variables

The UAS Component File includes a large set of demographic and survey information variables (e.g., marital status, education level, state of residence, survey completion date, etc.), for each of the UAS HRS and core non-HRS surveys that contribute to the Comprehensive File. Individual UAS survey participation flags are also included, as well as UAS HRS wave-specific participation flags (which pertain to whether at least the first UAS HRS survey in a wave was completed). All of the data for the demographic variables were collected in one of the quarterly My Household surveys and linked to each survey as described in [Section 2.1](#). The survey information variables are the survey begin and end dates (which were collected from each individual UAS survey), the individual UAS survey completion flags, and the UAS HRS wave participation flags. A full list of demographic and survey information variables is presented in [Appendix A](#).

3.3.1 Demographic Variables

The demographic variables found in the Component File include respondents' age, gender, ethnicity, marital status, family structure, state of residence, education, marital status, employment characteristics, and household composition. A list of all demographic variables is presented in [Appendix A.1](#).

For some demographic variables, such as birth year, gender, race, US citizenship, and Hispanic origin, little variation in values is expected between separate surveys, although corrections and updates may sometimes occur.

A higher likelihood of survey-to-survey variation exists for variables such as respondent age, highest level of education attained, marital status, state of residence, labor status, and whether the respondent lives with a partner.

3.3.2 Survey Information Variables

The survey information variables in the Component File consist of a unique identifier of the household a UAS panel member belongs to in a given survey (*rWV_uasXsurvhhid*). Detailed information for this variable can be found on the [UAS standard variables page](#).

Also included are the survey-specific begin (*rWV⁴_uasXiwbeg*) and end (*rWV_uasXiwend*) dates, together referred to as “timestamp” variables, which are generated by each individual survey. They represent the month, day, and year each respondent started taking and when completed a specific UAS survey. For completed surveys, timestamp variables have values of the form: DD-Month-YY. All data associated with incomplete surveys is imputed to equal “.z”, which indicates the respondent either never began the survey, or began but did not complete it.

Finally, there are variables flagging individual UAS survey completion as well as UAS HRS wave participation. The survey completion flags *inuasX⁵* represent whether the respondent completed the given survey. The UAS HRS wave participation flags *inhrsWV* represent whether the respondent completed at least the first of the six surveys within the given wave of UAS HRS.

A full list of these survey information variables is presented in [Appendix A.2](#).

⁴ The string "WV" represents the wave number (12, 13, or 14).

⁵ The character "X" represents the UAS survey number.

APPENDIX A. DEMOGRAPHIC AND SURVEY INFORMATION VARIABLES

Table A.1 Demographic Variables in the Component File

Variable Name	Variable Label
r12_uas1agey_b	w12 uas1 MyHH respondent age at time of survey
r12_uas2agey_b	w12 uas2 MyHH respondent age at time of survey
r12_uas16agey_b	w12 uas16 MyHH respondent age at time of survey
r12_uas18agey_b	w12 uas18 MyHH respondent age at time of survey
r12_uas20agey_b	w12 uas20 MyHH respondent age at time of survey
r12_uas21agey_b	w12 uas21 MyHH respondent age at time of survey
r12_uas22agey_b	w12 uas22 MyHH respondent age at time of survey
r12_uas23agey_b	w12 uas23 MyHH respondent age at time of survey
r12_uas24agey_b	w12 uas24 MyHH respondent age at time of survey
r12_uas25agey_b	w12 uas25 MyHH respondent age at time of survey
r12_uas26agey_b	w12 uas26 MyHH respondent age at time of survey
r12_uas38agey_b	w12 uas38 MyHH respondent age at time of survey
r12_uas42agey_b	w12 uas42 MyHH respondent age at time of survey
r12_uas43agey_b	w12 uas43 MyHH respondent age at time of survey
r12_uas44agey_b	w12 uas44 MyHH respondent age at time of survey
r13_uas83agey_b	w13 uas83 MyHH respondent age at time of survey
r13_uas84agey_b	w13 uas84 MyHH respondent age at time of survey
r13_uas85agey_b	w13 uas85 MyHH respondent age at time of survey
r13_uas94agey_b	w13 uas94 MyHH respondent age at time of survey
r13_uas95agey_b	w13 uas95 MyHH respondent age at time of survey
r13_uas96agey_b	w13 uas96 MyHH respondent age at time of survey
r13_uas97agey_b	w13 uas97 MyHH respondent age at time of survey
r13_uas98agey_b	w13 uas98 MyHH respondent age at time of survey
r13_uas99agey_b	w13 uas99 MyHH respondent age at time of survey
r13_uas100agey_b	w13 uas100 MyHH respondent age at time of survey
r13_uas113agey_b	w13 uas113 MyHH respondent age at time of survey

r13_uas119agey_b	w13 uas119 MyHH respondent age at time of survey
r13_uas121agey_b	w13 uas121 MyHH respondent age at time of survey
r13_uas177agey_b	w13 uas177 MyHH respondent age at time of survey
r14_uas231agey_b	w14 uas231 MyHH respondent age at time of survey
r14_uas237agey_b	w14 uas237 MyHH respondent age at time of survey
r14_uas238agey_b	w14 uas238 MyHH respondent age at time of survey
r14_uas239agey_b	w14 uas239 MyHH respondent age at time of survey
r14_uas292agey_b	w14 uas292 MyHH respondent age at time of survey
r14_uas293agey_b	w14 uas293 MyHH respondent age at time of survey
r14_uas294agey_b	w14 uas294 MyHH respondent age at time of survey
r12_uas1byear	w12 uas1 MyHH respondent birth year
r12_uas2byear	w12 uas2 MyHH respondent birth year
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r12_uas18byear	w12 uas18 MyHH respondent birth year
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r14_uas293byear	w14 uas293 MyHH respondent birth year
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r12_uas16citizenus	w12 uas16 MyHH respondent US citizenship
r12_uas18citizenus	w12 uas18 MyHH respondent US citizenship
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r12_uas21citizenus	w12 uas21 MyHH respondent US citizenship
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r14_uas294citizenus	w14 uas294 MyHH respondent US citizenship
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r12_uas2educ	w12 uas2 MyHH respondent highest level of education achieved
r12_uas16educ	w12 uas16 MyHH respondent highest level of education achieved
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r12_uas20educ	w12 uas20 MyHH respondent highest level of education achieved
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r13_uas83educ	w13 uas83 MyHH respondent highest level of education achieved
r13_uas84educ	w13 uas84 MyHH respondent highest level of education achieved
r13_uas85educ	w13 uas85 MyHH respondent highest level of education achieved
r13_uas94educ	w13 uas94 MyHH respondent highest level of education achieved
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r13_uas113educ	w13 uas113 MyHH respondent highest level of education achieved
r13_uas119educ	w13 uas119 MyHH respondent highest level of education achieved
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r13_uas177educ	w13 uas177 MyHH respondent highest level of education achieved
r14_uas231educ	w14 uas231 MyHH respondent highest level of education achieved
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r13_uas177gender	w13 uas177 MyHH respondent gender
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r12_uas2hispanic	w12 uas2 MyHH respondent hispanic origin
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r12_uas20hispanic	w12 uas20 MyHH respondent hispanic origin
r12_uas21hispanic	w12 uas21 MyHH respondent hispanic origin
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r12_uas38hispanic	w12 uas38 MyHH respondent hispanic origin
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r13_uas97hispanic	w13 uas97 MyHH respondent hispanic origin
r13_uas98hispanic	w13 uas98 MyHH respondent hispanic origin
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r13_uas113hispanic	w13 uas113 MyHH respondent hispanic origin

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r12_uas1livewpartner	w12 uas1 MyHH whether respondent living with partner
r12_uas2livewpartner	w12 uas2 MyHH whether respondent living with partner
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r13_uas119stateres	w13 uas119 MyHH respondent state residing-FIPS coding
r13_uas121stateres	w13 uas121 MyHH respondent state residing-FIPS coding
r13_uas177stateres	w13 uas177 MyHH respondent state residing-FIPS coding
r14_uas231stateres	w14 uas231 MyHH respondent state residing-FIPS coding
r14_uas237stateres	w14 uas237 MyHH respondent state residing-FIPS coding
r14_uas238stateres	w14 uas238 MyHH respondent state residing-FIPS coding
r14_uas239stateres	w14 uas239 MyHH respondent state residing-FIPS coding
r14_uas292stateres	w14 uas292 MyHH respondent state residing-FIPS coding
r14_uas293stateres	w14 uas293 MyHH respondent state residing-FIPS coding
r14_uas294stateres	w14 uas294 MyHH respondent state residing-FIPS coding

Table A.2 Survey Information Variables in the Component File

Variable Name	Variable Label
uasid	Identifier of the respondent
inhrs12	Indicates whether R completed at least 1 UAS HRS Wave 12 survey
inhrs13	Indicates whether R completed at least 1 UAS HRS Wave 13 survey
inuas1	Indicates whether R completed UAS 1 survey
inuas2	Indicates whether R completed UAS 2 survey
inuas16	Indicates whether R completed UAS 16 survey
inuas18	Indicates whether R completed UAS 18 survey
inuas20	Indicates whether R completed UAS 20 survey
inuas21	Indicates whether R completed UAS 21 survey
inuas22	Indicates whether R completed UAS 22 survey
inuas23	Indicates whether R completed UAS 23 survey
inuas24	Indicates whether R completed UAS 24 survey
inuas25	Indicates whether R completed UAS 25 survey
inuas26	Indicates whether R completed UAS 26 survey
inuas38	Indicates whether R completed UAS 38 survey
inuas42	Indicates whether R completed UAS 42 survey
inuas43	Indicates whether R completed UAS 43 survey
inuas44	Indicates whether R completed UAS 44 survey
inuas83	Indicates whether R completed UAS 83 survey
inuas84	Indicates whether R completed UAS 84 survey
inuas85	Indicates whether R completed UAS 85 survey
inuas94	Indicates whether R completed UAS 94 survey
inuas95	Indicates whether R completed UAS 95 survey
inuas96	Indicates whether R completed UAS 96 survey
inuas97	Indicates whether R completed UAS 97 survey
inuas98	Indicates whether R completed UAS 98 survey
inuas99	Indicates whether R completed UAS 99 survey
inuas100	Indicates whether R completed UAS 100 survey

inuas113	Indicates whether R completed UAS 113 survey
inuas119	Indicates whether R completed UAS 119 survey
inuas121	Indicates whether R completed UAS 121 survey
inuas177	Indicates whether R completed UAS 177 survey
inuas231	Indicates whether R completed UAS 231 survey
inuas237	Indicates whether R completed UAS 237 survey
inuas238	Indicates whether R completed UAS 238 survey
inuas239	Indicates whether R completed UAS 239 survey
inuas292	Indicates whether R completed UAS 292 survey
inuas293	Indicates whether R completed UAS 293 survey
inuas294	Indicates whether R completed UAS 294 survey
r12_uas1iwbeg	w12 uas1 interview start date
r12_uas2iwbeg	w12 uas2 interview start date
r12_uas16iwbeg	w12 uas16 interview start date
r12_uas18iwbeg	w12 uas18 interview start date
r12_uas20iwbeg	w12 uas20 interview start date
r12_uas21iwbeg	w12 uas21 interview start date
r12_uas22iwbeg	w12 uas22 interview start date
r12_uas23iwbeg	w12 uas23 interview start date
r12_uas24iwbeg	w12 uas24 interview start date
r12_uas25iwbeg	w12 uas25 interview start date
r12_uas26iwbeg	w12 uas26 interview start date
r12_uas38iwbeg	w12 uas38 interview start date
r12_uas42iwbeg	w12 uas42 interview start date
r12_uas43iwbeg	w12 uas43 interview start date
r12_uas44iwbeg	w12 uas44 interview start date
r13_uas83iwbeg	w13 uas83 interview start date
r13_uas84iwbeg	w13 uas84 interview start date
r13_uas85iwbeg	w13 uas85 interview start date
r13_uas94iwbeg	w13 uas94 interview start date

r13_uas95iwbeg	w13 uas95 interview start date
r13_uas96iwbeg	w13 uas96 interview start date
r13_uas97iwbeg	w13 uas97 interview start date
r13_uas98iwbeg	w13 uas98 interview start date
r13_uas99iwbeg	w13 uas99 interview start date
r13_uas100iwbeg	w13 uas100 interview start date
r13_uas113iwbeg	w13 uas113 interview start date
r13_uas119iwbeg	w13 uas119 interview start date
r13_uas121iwbeg	w13 uas121 interview start date
r13_uas177iwbeg	w13 uas177 interview start date
r14_uas231iwbeg	w14 uas231 interview start date
r14_uas237iwbeg	w14 uas237 interview start date
r14_uas238iwbeg	w14 uas238 interview start date
r14_uas239iwbeg	w14 uas239 interview start date
r14_uas292iwbeg	w14 uas292 interview start date
r14_uas293iwbeg	w14 uas293 interview start date
r14_uas294iwbeg	w14 uas294 interview start date
r12_uas1iwend	w12 uas1 interview completion date
r12_uas2iwend	w12 uas2 interview completion date
r12_uas16iwend	w12 uas16 interview completion date
r12_uas18iwend	w12 uas18 interview completion date
r12_uas20iwend	w12 uas20 interview completion date
r12_uas21iwend	w12 uas21 interview completion date
r12_uas22iwend	w12 uas22 interview completion date
r12_uas23iwend	w12 uas23 interview completion date
r12_uas24iwend	w12 uas24 interview completion date
r12_uas25iwend	w12 uas25 interview completion date
r12_uas26iwend	w12 uas26 interview completion date
r12_uas38iwend	w12 uas38 interview completion date
r12_uas42iwend	w12 uas42 interview completion date

r12_uas43iwend	w12 uas43 interview completion date
r12_uas44iwend	w12 uas44 interview completion date
r13_uas83iwend	w13 uas83 interview completion date
r13_uas84iwend	w13 uas84 interview completion date
r13_uas85iwend	w13 uas85 interview completion date
r13_uas94iwend	w13 uas94 interview completion date
r13_uas95iwend	w13 uas95 interview completion date
r13_uas96iwend	w13 uas96 interview completion date
r13_uas97iwend	w13 uas97 interview completion date
r13_uas98iwend	w13 uas98 interview completion date
r13_uas99iwend	w13 uas99 interview completion date
r13_uas100iwend	w13 uas100 interview completion date
r13_uas113iwend	w13 uas113 interview completion date
r13_uas119iwend	w13 uas119 interview completion date
r13_uas121iwend	w13 uas121 interview completion date
r13_uas177iwend	w13 uas177 interview completion date
r14_uas231iwend	w14 uas231 interview end date
r14_uas237iwend	w14 uas237 interview end date
r14_uas238iwend	w14 uas238 interview end date
r14_uas239iwend	w14 uas239 interview end date
r14_uas292iwend	w14 uas292 interview end date
r14_uas293iwend	w14 uas293 interview end date
r14_uas294iwend	w14 uas294 interview end date
r12_uas1samplotype	w12 uas1 MyHH respondent sample type
r12_uas2samplotype	w12 uas2 MyHH respondent sample type
r12_uas16samplotype	w12 uas16 MyHH respondent sample type
r12_uas18samplotype	w12 uas18 MyHH respondent sample type
r12_uas20samplotype	w12 uas20 MyHH respondent sample type
r12_uas21samplotype	w12 uas21 MyHH respondent sample type
r12_uas22samplotype	w12 uas22 MyHH respondent sample type

r12_uas23samplotype	w12 uas23 MyHH respondent sample type
r12_uas24samplotype	w12 uas24 MyHH respondent sample type
r12_uas25samplotype	w12 uas25 MyHH respondent sample type
r12_uas26samplotype	w12 uas26 MyHH respondent sample type
r12_uas38samplotype	w12 uas38 MyHH respondent sample type
r12_uas42samplotype	w12 uas42 MyHH respondent sample type
r12_uas43samplotype	w12 uas43 MyHH respondent sample type
r12_uas44samplotype	w12 uas44 MyHH respondent sample type
r13_uas83samplotype	w13 uas83 MyHH respondent sample type
r13_uas84samplotype	w13 uas84 MyHH respondent sample type
r13_uas85samplotype	w13 uas85 MyHH respondent sample type
r13_uas94samplotype	w13 uas94 MyHH respondent sample type
r13_uas95samplotype	w13 uas95 MyHH respondent sample type
r13_uas96samplotype	w13 uas96 MyHH respondent sample type
r13_uas97samplotype	w13 uas97 MyHH respondent sample type
r13_uas98samplotype	w13 uas98 MyHH respondent sample type
r13_uas99samplotype	w13 uas99 MyHH respondent sample type
r13_uas100samplotype	w13 uas100 MyHH respondent sample type
r13_uas113samplotype	w13 uas113 MyHH respondent sample type
r13_uas119samplotype	w13 uas119 MyHH respondent sample type
r13_uas121samplotype	w13 uas121 MyHH respondent sample type
r13_uas177samplotype	w13 uas177 MyHH respondent sample type
r14_uas231samplotype	w14 uas231 MyHH respondent sample type
r14_uas237samplotype	w14 uas237 MyHH respondent sample type
r14_uas238samplotype	w14 uas238 MyHH respondent sample type
r14_uas239samplotype	w14 uas239 MyHH respondent sample type
r14_uas292samplotype	w14 uas292 MyHH respondent sample type
r14_uas293samplotype	w14 uas293 MyHH respondent sample type
r14_uas294samplotype	w14 uas294 MyHH respondent sample type
r12_uas1survhid	w12 uas1 survey-specific HH composition identifier

r12_uas2survhhid	w12 uas2 survey-specific HH composition identifier
r12_uas16survhhid	w12 uas16 survey-specific HH composition identifier
r12_uas18survhhid	w12 uas18 survey-specific HH composition identifier
r12_uas20survhhid	w12 uas20 survey-specific HH composition identifier
r12_uas21survhhid	w12 uas21 survey-specific HH composition identifier
r12_uas22survhhid	w12 uas22 survey-specific HH composition identifier
r12_uas23survhhid	w12 uas23 survey-specific HH composition identifier
r12_uas24survhhid	w12 uas24 survey-specific HH composition identifier
r12_uas25survhhid	w12 uas25 survey-specific HH composition identifier
r12_uas26survhhid	w12 uas26 survey-specific HH composition identifier
r12_uas38survhhid	w12 uas38 survey-specific HH composition identifier
r12_uas42survhhid	w12 uas42 survey-specific HH composition identifier
r12_uas43survhhid	w12 uas43 survey-specific HH composition identifier
r12_uas44survhhid	w12 uas44 survey-specific HH composition identifier
r13_uas83survhhid	w13 uas83 survey-specific HH composition identifier
r13_uas84survhhid	w13 uas84 survey-specific HH composition identifier
r13_uas85survhhid	w13 uas85 survey-specific HH composition identifier
r13_uas94survhhid	w13 uas94 survey-specific HH composition identifier
r13_uas95survhhid	w13 uas95 survey-specific HH composition identifier
r13_uas96survhhid	w13 uas96 survey-specific HH composition identifier
r13_uas97survhhid	w13 uas97 survey-specific HH composition identifier
r13_uas98survhhid	w13 uas98 survey-specific HH composition identifier
r13_uas99survhhid	w13 uas99 survey-specific HH composition identifier
r13_uas100survhhid	w13 uas100 survey-specific HH composition identifier
r13_uas113survhhid	w13 uas113 survey-specific HH composition identifier
r13_uas119survhhid	w13 uas119 survey-specific HH composition identifier
r13_uas121survhhid	w13 uas121 survey-specific HH composition identifier
r13_uas177survhhid	w13 uas177 survey-specific HH composition identifier
r14_uas231survhhid	survey-specific HH composition identifier
r14_uas237survhhid	survey-specific HH composition identifier

r14_uas238survhhid	survey-specific HH composition identifier
r14_uas239survhhid	survey-specific HH composition identifier
r14_uas292survhhid	survey-specific HH composition identifier
r14_uas293survhhid	survey-specific HH composition identifier
r14_uas294survhhid	survey-specific HH composition identifier
r12_uas1tabletprovide	w12 uas1 MyHH whether tablet provided to respondent
r12_uas2tabletprovide	w12 uas2 MyHH whether tablet provided to respondent
r12_uas16tabletprovide	w12 uas16 MyHH whether tablet provided to respondent
r12_uas18tabletprovide	w12 uas18 MyHH whether tablet provided to respondent
r12_uas20tabletprovide	w12 uas20 MyHH whether tablet provided to respondent
r12_uas21tabletprovide	w12 uas21 MyHH whether tablet provided to respondent
r12_uas22tabletprovide	w12 uas22 MyHH whether tablet provided to respondent
r12_uas23tabletprovide	w12 uas23 MyHH whether tablet provided to respondent
r12_uas24tabletprovide	w12 uas24 MyHH whether tablet provided to respondent
r12_uas25tabletprovide	w12 uas25 MyHH whether tablet provided to respondent
r12_uas26tabletprovide	w12 uas26 MyHH whether tablet provided to respondent
r12_uas38tabletprovide	w12 uas38 MyHH whether tablet provided to respondent
r12_uas42tabletprovide	w12 uas42 MyHH whether tablet provided to respondent
r12_uas43tabletprovide	w12 uas43 MyHH whether tablet provided to respondent
r12_uas44tabletprovide	w12 uas44 MyHH whether tablet provided to respondent
r13_uas83tabletprovide	w13 uas83 MyHH whether tablet provided to respondent
r13_uas84tabletprovide	w13 uas84 MyHH whether tablet provided to respondent
r13_uas85tabletprovide	w13 uas85 MyHH whether tablet provided to respondent
r13_uas94tabletprovide	w13 uas94 MyHH whether tablet provided to respondent
r13_uas95tabletprovide	w13 uas95 MyHH whether tablet provided to respondent
r13_uas96tabletprovide	w13 uas96 MyHH whether tablet provided to respondent
r13_uas97tabletprovide	w13 uas97 MyHH whether tablet provided to respondent
r13_uas98tabletprovide	w13 uas98 MyHH whether tablet provided to respondent
r13_uas99tabletprovide	w13 uas99 MyHH whether tablet provided to respondent
r13_uas100tabletprovide	w13 uas100 MyHH whether tablet provided to respondent

r13_uas113tabletprovide	w13 uas113 MyHH whether tablet provided to respondent
r13_uas119tabletprovide	w13 uas119 MyHH whether tablet provided to respondent
r13_uas121tabletprovide	w13 uas121 MyHH whether tablet provided to respondent
r13_uas177tabletprovide	w13 uas177 MyHH whether tablet provided to respondent
r14_uas231tabletprovide	w14 uas231 MyHH whether tablet provided to respondent
r14_uas237tabletprovide	w14 uas237 MyHH whether tablet provided to respondent
r14_uas238tabletprovide	w14 uas238 MyHH whether tablet provided to respondent
r14_uas239tabletprovide	w14 uas239 MyHH whether tablet provided to respondent
r14_uas292tabletprovide	w14 uas292 MyHH whether tablet provided to respondent
r14_uas293tabletprovide	w14 uas293 MyHH whether tablet provided to respondent
r14_uas294tabletprovide	w14 uas294 MyHH whether tablet provided to respondent
r12_uas1hhmembernumber	w12 uas1 MyHH number of household members besides the respondent
r12_uas2hhmembernumber	w12 uas2 MyHH number of household members besides the respondent
r12_uas16hhmembernumber	w12 uas16 MyHH number of household members besides the respondent
r12_uas18hhmembernumber	w12 uas18 MyHH number of household members besides the respondent
r12_uas20hhmembernumber	w12 uas20 MyHH number of household members besides the respondent
r12_uas21hhmembernumber	w12 uas21 MyHH number of household members besides the respondent
r12_uas22hhmembernumber	w12 uas22 MyHH number of household members besides the respondent
r12_uas23hhmembernumber	w12 uas23 MyHH number of household members besides the respondent
r12_uas24hhmembernumber	w12 uas24 MyHH number of household members besides the respondent
r12_uas25hhmembernumber	w12 uas25 MyHH number of household members besides the respondent
r12_uas26hhmembernumber	w12 uas26 MyHH number of household members besides the respondent
r12_uas38hhmembernumber	w12 uas38 MyHH number of household members besides the respondent
r12_uas42hhmembernumber	w12 uas42 MyHH number of household members besides the respondent
r12_uas43hhmembernumber	w12 uas43 MyHH number of household members besides the respondent
r12_uas44hhmembernumber	w12 uas44 MyHH number of household members besides the respondent
r13_uas83hhmembernumber	w13 uas83 MyHH number of household members besides the respondent
r13_uas84hhmembernumber	w13 uas84 MyHH number of household members besides the respondent
r13_uas85hhmembernumber	w13 uas85 MyHH number of household members besides the respondent
r13_uas94hhmembernumber	w13 uas94 MyHH number of household members besides the respondent

r13_uas95hhmmembernumber	w13 uas95 MyHH number of household members besides the respondent
r13_uas96hhmmembernumber	w13 uas96 MyHH number of household members besides the respondent
r13_uas97hhmmembernumber	w13 uas97 MyHH number of household members besides the respondent
r13_uas98hhmmembernumber	w13 uas98 MyHH number of household members besides the respondent
r13_uas99hhmmembernumber	w13 uas99 MyHH number of household members besides the respondent
r13_uas100hhmmembernumber	w13 uas100 MyHH number of household members besides the respondent
r13_uas113hhmmembernumber	w13 uas113 MyHH number of household members besides the respondent
r13_uas119hhmmembernumber	w13 uas119 MyHH number of household members besides the respondent
r13_uas121hhmmembernumber	w13 uas121 MyHH number of household members besides the respondent
r13_uas177hhmmembernumber	w13 uas177 MyHH number of household members besides the respondent
r14_uas231hhmmembernumber	w14 uas231 MyHH number of household members besides the respondent
r14_uas237hhmmembernumber	w14 uas237 MyHH number of household members besides the respondent
r14_uas238hhmmembernumber	w14 uas238 MyHH number of household members besides the respondent
r14_uas239hhmmembernumber	w14 uas239 MyHH number of household members besides the respondent
r14_uas292hhmmembernumber	w14 uas292 MyHH number of household members besides the respondent
r14_uas293hhmmembernumber	w14 uas293 MyHH number of household members besides the respondent
r14_uas294hhmmembernumber	w14 uas294 MyHH number of household members besides the respondent
r12_uas1uasmembers	w12 uas1 MyHH number of household UAS members excluding respondent
r12_uas2uasmembers	w12 uas2 MyHH number of household UAS members excluding respondent
r12_uas16uasmembers	w12 uas16 MyHH number of household UAS members excluding respondent
r12_uas18uasmembers	w12 uas18 MyHH number of household UAS members excluding respondent
r12_uas20uasmembers	w12 uas20 MyHH number of household UAS members excluding respondent
r12_uas21uasmembers	w12 uas21 MyHH number of household UAS members excluding respondent
r12_uas22uasmembers	w12 uas22 MyHH number of household UAS members excluding respondent
r12_uas23uasmembers	w12 uas23 MyHH number of household UAS members excluding respondent
r12_uas24uasmembers	w12 uas24 MyHH number of household UAS members excluding respondent
r12_uas25uasmembers	w12 uas25 MyHH number of household UAS members excluding respondent
r12_uas26uasmembers	w12 uas26 MyHH number of household UAS members excluding respondent
r12_uas38uasmembers	w12 uas38 MyHH number of household UAS members excluding respondent
r12_uas42uasmembers	w12 uas42 MyHH number of household UAS members excluding respondent

r12_uas43uasmembers	w12 uas43 MyHH number of household UAS members excluding respondent
r12_uas44uasmembers	w12 uas44 MyHH number of household UAS members excluding respondent
r13_uas83uasmembers	w13 uas83 MyHH number of household UAS members excluding respondent
r13_uas84uasmembers	w13 uas84 MyHH number of household UAS members excluding respondent
r13_uas85uasmembers	w13 uas85 MyHH number of household UAS members excluding respondent
r13_uas94uasmembers	w13 uas94 MyHH number of household UAS members excluding respondent
r13_uas95uasmembers	w13 uas95 MyHH number of household UAS members excluding respondent
r13_uas96uasmembers	w13 uas96 MyHH number of household UAS members excluding respondent
r13_uas97uasmembers	w13 uas97 MyHH number of household UAS members excluding respondent
r13_uas98uasmembers	w13 uas98 MyHH number of household UAS members excluding respondent
r13_uas99uasmembers	w13 uas99 MyHH number of household UAS members excluding respondent
r13_uas100uasmembers	w13 uas100 MyHH number of household UAS members excluding respondent
r13_uas113uasmembers	w13 uas113 MyHH number of household UAS members excluding respondent
r13_uas119uasmembers	w13 uas119 MyHH number of household UAS members excluding respondent
r13_uas121uasmembers	w13 uas121 MyHH number of household UAS members excluding respondent
r13_uas177uasmembers	w13 uas177 MyHH number of household UAS members excluding respondent
r14_uas231uasmembers	w14 uas231 MyHH number of household UAS members excluding respondent
r14_uas237uasmembers	w14 uas237 MyHH number of household UAS members excluding respondent
r14_uas238uasmembers	w14 uas238 MyHH number of household UAS members excluding respondent
r14_uas239uasmembers	w14 uas239 MyHH number of household UAS members excluding respondent
r14_uas292uasmembers	w14 uas292 MyHH number of household UAS members excluding respondent
r14_uas293uasmembers	w14 uas293 MyHH number of household UAS members excluding respondent
r14_uas294uasmembers	w14 uas294 MyHH number of household UAS members excluding respondent

APPENDIX B. UAS HRS INCOME AND WEALTH VARIABLES

Table B.1 Income Variables in the Component File

Variable Name	Variable Label
r12_uas24iearn	w12 uas24 earnings
s12_uas24iearn	w12 uas24 earnings sp
r13_uas99iearn	w13 uas99 earnings
s13_uas99iearn	w13 uas99 earnings sp
r12_uas24ioearn	w12 uas24 earnings-rec flag
s12_uas24ioearn	w12 uas24 earnings sp-rec flag
r13_uas99ioearn	w13 uas99 earnings-rec flag
s13_uas99ioearn	w13 uas99 earnings sp-rec flag
r12_uas24ifearn	w12 uas24 earnings-imp flag
s12_uas24ifearn	w12 uas24 earnings sp-imp flag
r13_uas99ifearn	w13 uas99 earnings-imp flag
s13_uas99ifearn	w13 uas99 earnings sp-imp flag
r12_uas24iwage	w12 uas24 wages, salary
s12_uas24iwage	w12 uas24 wages, salary sp
r13_uas99iwage	w13 uas99 wages, salary
s13_uas99iwage	w13 uas99 wages, salary sp
r12_uas24iowage	w12 uas24 wages, salary-rec flag
s12_uas24iowage	w12 uas24 wages, salary sp-rec flag
r13_uas99iowage	w13 uas99 wages, salary-rec flag
s13_uas99iowage	w13 uas99 wages, salary sp-rec flag
r12_uas24ifwage	w12 uas24 wages, salary-imp flag
s12_uas24ifwage	w12 uas24 wages, salary sp-imp flag
r13_uas99ifwage	w13 uas99 wages, salary-imp flag
s13_uas99ifwage	w13 uas99 wages, salary sp-imp flag
r12_uas24ibon	w12 uas24 tips, bonus, commission
s12_uas24ibon	w12 uas24 tips, bonus, commission sp

r13_uas99ibon	w13 uas99 tips, bonus, commission
s13_uas99ibon	w13 uas99 tips, bonus, commission sp
r12_uas24iobon	w12 uas24 tips, bonus, commission-rec flag
s12_uas24iobon	w12 uas24 tips, bonus, commission sp-rec flag
r13_uas99iobon	w13 uas99 tips, bonus, commission-rec flag
s13_uas99iobon	w13 uas99 tips, bonus, commission sp-rec flag
r12_uas24ifbon	w12 uas24 tips, bonus, commission-imp flag
s12_uas24ifbon	w12 uas24 tips, bonus, commission sp-imp flag
r13_uas99ifbon	w13 uas99 tips, bonus, commission-imp flag
s13_uas99ifbon	w13 uas99 tips, bonus, commission sp-imp flag
r12_uas24i2nd	w12 uas24 2nd job earnings
s12_uas24i2nd	w12 uas24 2nd job earnings sp
r13_uas99i2nd	w13 uas99 2nd job earnings
s13_uas99i2nd	w13 uas99 2nd job earnings sp
r12_uas24io2nd	w12 uas24 2nd job earnings-rec flag
s12_uas24io2nd	w12 uas24 2nd job earnings sp-rec flag
r13_uas99io2nd	w13 uas99 2nd job earnings-rec flag
s13_uas99io2nd	w13 uas99 2nd job earnings sp-rec flag
r12_uas24if2nd	w12 uas24 2nd job earnings-imp flag
s12_uas24if2nd	w12 uas24 2nd job earnings sp-imp flag
r13_uas99if2nd	w13 uas99 2nd job earnings-imp flag
s13_uas99if2nd	w13 uas99 2nd job earnings sp-imp flag
r12_uas24itrad	w12 uas24 professional practice or trade earnings
s12_uas24itrad	w12 uas24 professional practice or trade earnings sp
r13_uas99itrad	w13 uas99 professional practice or trade earnings
s13_uas99itrad	w13 uas99 professional practice or trade earnings sp
r12_uas24iotrad	w12 uas24 professional practice or trade earnings-rec flag
s12_uas24iotrad	w12 uas24 professional practice or trade earnings sp-rec flag
r13_uas99iotrad	w13 uas99 professional practice or trade earnings-rec flag
s13_uas99iotrad	w13 uas99 professional practice or trade earnings sp-rec flag

r12_uas24iftrad	w12 uas24 professional practice or trade earnings-imp flag
s12_uas24iftrad	w12 uas24 professional practice or trade earnings sp-imp flag
r13_uas99iftrad	w13 uas99 professional practice or trade earnings-imp flag
s13_uas99iftrad	w13 uas99 professional practice or trade earnings sp-imp flag
h12_uas24icap	w12 uas24 household capital income
h13_uas99icap	w13 uas99 household capital income
h12_uas24iocap	w12 uas24 household capital income-rec flag
h13_uas99iocap	w13 uas99 household capital income-rec flag
h12_uas24ifcap	w12 uas24 household capital income-imp flag
h13_uas99ifcap	w13 uas99 household capital income-imp flag
h12_uas24ibusin	w12 uas24 business income
h13_uas99ibusin	w13 uas99 business income
h12_uas24iobusin	w12 uas24 business income-rec flag
h13_uas99iobusin	w13 uas99 business income-rec flag
h12_uas24ifbusin	w12 uas24 business income-imp flag
h13_uas99ifbusin	w13 uas99 business income-imp flag
h12_uas24irntin	w12 uas24 rental income
h13_uas99irntin	w13 uas99 rental income
h12_uas24iorntin	w12 uas24 rental income-rec flag
h13_uas99iorntin	w13 uas99 rental income-rec flag
h12_uas24ifrntin	w12 uas24 rental income-imp flag
h13_uas99ifrntin	w13 uas99 rental income-imp flag
r12_uas24ipena	w12 uas24 income from employer pension and annuity
s12_uas24ipena	w12 uas24 income from employer pension and annuity sp
r13_uas99ipena	w13 uas99 income from employer pension and annuity
s13_uas99ipena	w13 uas99 income from employer pension and annuity sp
r12_uas24iopena	w12 uas24 income from employer pension and annuity-rec flag
s12_uas24iopena	w12 uas24 income from employer pension and annuity sp-rec flag
r13_uas99iopena	w13 uas99 income from employer pension and annuity-rec flag
s13_uas99iopena	w13 uas99 income from employer pension and annuity sp-rec flag

r12_uas24ifpena	w12 uas24 income from employer pension and annuity-imp flag
s12_uas24ifpena	w12 uas24 income from employer pension and annuity sp-imp flag
r13_uas99ifpena	w13 uas99 income from employer pension and annuity-imp flag
s13_uas99ifpena	w13 uas99 income from employer pension and annuity sp-imp flag
r12_uas24ipen	w12 uas24 income from employer pension
s12_uas24ipen	w12 uas24 income from employer pension sp
r13_uas99ipen	w13 uas99 income from employer pension
s13_uas99ipen	w13 uas99 income from employer pension sp
r12_uas24iopen	w12 uas24 income from employer pension-rec flag
s12_uas24iopen	w12 uas24 income from employer pension sp-rec flag
r13_uas99iopen	w13 uas99 income from employer pension-rec flag
s13_uas99iopen	w13 uas99 income from employer pension sp-rec flag
r12_uas24ifpen	w12 uas24 income from employer pension-imp flag
s12_uas24ifpen	w12 uas24 income from employer pension sp-imp flag
r13_uas99ifpen	w13 uas99 income from employer pension-imp flag
s13_uas99ifpen	w13 uas99 income from employer pension sp-imp flag
r12_uas24iann	w12 uas24 income from employer annuity
s12_uas24iann	w12 uas24 income from employer annuity sp
r13_uas99iann	w13 uas99 income from employer annuity
s13_uas99iann	w13 uas99 income from employer annuity sp
r12_uas24ioann	w12 uas24 income from employer annuity-rec flag
s12_uas24ioann	w12 uas24 income from employer annuity sp-rec flag
r13_uas99ioann	w13 uas99 income from employer annuity-rec flag
s13_uas99ioann	w13 uas99 income from employer annuity sp-rec flag
r12_uas24ifann	w12 uas24 income from employer annuity-imp flag
s12_uas24ifann	w12 uas24 income from employer annuity sp-imp flag
r13_uas99ifann	w13 uas99 income from employer annuity-imp flag
s13_uas99ifann	w13 uas99 income from employer annuity sp-imp flag
r12_uas24ipen1	w12 uas24 income from employer pension #1
s12_uas24ipen1	w12 uas24 income from employer pension #1 sp

r13_uas99ipen1	w13 uas99 income from employer pension #1
s13_uas99ipen1	w13 uas99 income from employer pension #1 sp
r12_uas24iopen1	w12 uas24 income from employer pension #1-rec flag
s12_uas24iopen1	w12 uas24 income from employer pension #1 sp-rec flag
r13_uas99iopen1	w13 uas99 income from employer pension #1-rec flag
s13_uas99iopen1	w13 uas99 income from employer pension #1 sp-rec flag
r12_uas24ifpen1	w12 uas24 income from employer pension #1-imp flag
s12_uas24ifpen1	w12 uas24 income from employer pension #1 sp-imp flag
r13_uas99ifpen1	w13 uas99 income from employer pension #1-imp flag
s13_uas99ifpen1	w13 uas99 income from employer pension #1 sp-imp flag
r12_uas24mpen1	w12 uas24 income from employer monthly pension #1
s12_uas24mpen1	w12 uas24 income from employer monthly pension #1 sp
r13_uas99mpen1	w13 uas99 income from employer monthly pension #1
s13_uas99mpen1	w13 uas99 income from employer monthly pension #1 sp
r12_uas24nfpen1	w12 uas24 monthly pension #1-number of months known
s12_uas24nfpen1	w12 uas24 monthly pension #1 sp-number of months known
r13_uas99nfpen1	w13 uas99 monthly pension #1-number of months known
s13_uas99nfpen1	w13 uas99 monthly pension #1 sp-number of months known
r12_uas24npen1	w12 uas24 monthly pension #1-number of months received
s12_uas24npen1	w12 uas24 monthly pension #1 sp-number of months received
r13_uas99npen1	w13 uas99 monthly pension #1-number of months received
s13_uas99npen1	w13 uas99 monthly pension #1 sp-number of months received
r12_uas24ipen2	w12 uas24 income from employer pension #2
s12_uas24ipen2	w12 uas24 income from employer pension #2 sp
r13_uas99ipen2	w13 uas99 income from employer pension #2
s13_uas99ipen2	w13 uas99 income from employer pension #2 sp
r12_uas24iopen2	w12 uas24 income from employer pension #2-rec flag
s12_uas24iopen2	w12 uas24 income from employer pension #2 sp-rec flag
r13_uas99iopen2	w13 uas99 income from employer pension #2-rec flag
s13_uas99iopen2	w13 uas99 income from employer pension #2 sp-rec flag

r12_uas24ifpen2	w12 uas24 income from employer pension #2-imp flag
s12_uas24ifpen2	w12 uas24 income from employer pension #2 sp-imp flag
r13_uas99ifpen2	w13 uas99 income from employer pension #2-imp flag
s13_uas99ifpen2	w13 uas99 income from employer pension #2 sp-imp flag
r12_uas24mpen2	w12 uas24 income from employer monthly pension #2
s12_uas24mpen2	w12 uas24 income from employer monthly pension #2 sp
r13_uas99mpen2	w13 uas99 income from employer monthly pension #2
s13_uas99mpen2	w13 uas99 income from employer monthly pension #2 sp
r12_uas24nfpen2	w12 uas24 monthly pension #2-number of months known
s12_uas24nfpen2	w12 uas24 monthly pension #2 sp-number of months known
r13_uas99nfpen2	w13 uas99 monthly pension #2-number of months known
s13_uas99nfpen2	w13 uas99 monthly pension #2 sp-number of months known
r12_uas24npen2	w12 uas24 monthly pension #2-number of months received
s12_uas24npen2	w12 uas24 monthly pension #2 sp-number of months received
r13_uas99npen2	w13 uas99 monthly pension #2-number of months received
s13_uas99npen2	w13 uas99 monthly pension #2 sp-number of months received
r12_uas24ipen3	w12 uas24 income from employer pension #3
s12_uas24ipen3	w12 uas24 income from employer pension #3 sp
r13_uas99ipen3	w13 uas99 income from employer pension #3
s13_uas99ipen3	w13 uas99 income from employer pension #3 sp
r12_uas24iopen3	w12 uas24 income from employer pension #3-rec flag
s12_uas24iopen3	w12 uas24 income from employer pension #3 sp-rec flag
r13_uas99iopen3	w13 uas99 income from employer pension #3-rec flag
s13_uas99iopen3	w13 uas99 income from employer pension #3 sp-rec flag
r12_uas24ifpen3	w12 uas24 income from employer pension #3-imp flag
s12_uas24ifpen3	w12 uas24 income from employer pension #3 sp-imp flag
r13_uas99ifpen3	w13 uas99 income from employer pension #3-imp flag
s13_uas99ifpen3	w13 uas99 income from employer pension #3 sp-imp flag
r12_uas24mpen3	w12 uas24 income from employer monthly pension #3
s12_uas24mpen3	w12 uas24 income from employer monthly pension #3 sp

r13_uas99mpen3	w13 uas99 income from employer monthly pension #3
s13_uas99mpen3	w13 uas99 income from employer monthly pension #3 sp
r12_uas24nfpen3	w12 uas24 monthly pension #3-number of months known
s12_uas24nfpen3	w12 uas24 monthly pension #3 sp-number of months known
r13_uas99nfpen3	w13 uas99 monthly pension #3-number of months known
s13_uas99nfpen3	w13 uas99 monthly pension #3 sp-number of months known
r12_uas24npen3	w12 uas24 monthly pension #3-number of months received
s12_uas24npen3	w12 uas24 monthly pension #3 sp-number of months received
r13_uas99npen3	w13 uas99 monthly pension #3-number of months received
s13_uas99npen3	w13 uas99 monthly pension #3 sp-number of months received
r12_uas24iann1	w12 uas24 income from employer annuity #1
s12_uas24iann1	w12 uas24 income from employer annuity #1 sp
r13_uas99iann1	w13 uas99 income from employer annuity #1
s13_uas99iann1	w13 uas99 income from employer annuity #1 sp
r12_uas24ioann1	w12 uas24 income from employer annuity #1-rec flag
s12_uas24ioann1	w12 uas24 income from employer annuity #1 sp-rec flag
r13_uas99ioann1	w13 uas99 income from employer annuity #1-rec flag
s13_uas99ioann1	w13 uas99 income from employer annuity #1 sp-rec flag
r12_uas24ifann1	w12 uas24 income from employer annuity #1-imp flag
s12_uas24ifann1	w12 uas24 income from employer annuity #1 sp-imp flag
r13_uas99ifann1	w13 uas99 income from employer annuity #1-imp flag
s13_uas99ifann1	w13 uas99 income from employer annuity #1 sp-imp flag
r12_uas24mann1	w12 uas24 income from employer monthly annuity #1
s12_uas24mann1	w12 uas24 income from employer monthly annuity #1 sp
r13_uas99mann1	w13 uas99 income from employer monthly annuity #1
s13_uas99mann1	w13 uas99 income from employer monthly annuity #1 sp
r12_uas24nfann1	w12 uas24 monthly annuity #1-number of months known
s12_uas24nfann1	w12 uas24 monthly annuity #1 sp-number of months known
r13_uas99nfann1	w13 uas99 monthly annuity #1-number of months known
s13_uas99nfann1	w13 uas99 monthly annuity #1 sp-number of months known

r12_uas24nann1	w12 uas24 monthly annuity #1-number of months received
s12_uas24nann1	w12 uas24 monthly annuity #1 sp-number of months received
r13_uas99nann1	w13 uas99 monthly annuity #1-number of months received
s13_uas99nann1	w13 uas99 monthly annuity #1 sp-number of months received
r12_uas24iann2	w12 uas24 income from employer annuity #2
s12_uas24iann2	w12 uas24 income from employer annuity #2 sp
r13_uas99iann2	w13 uas99 income from employer annuity #2
s13_uas99iann2	w13 uas99 income from employer annuity #2 sp
r12_uas24ioann2	w12 uas24 income from employer annuity #2-rec flag
s12_uas24ioann2	w12 uas24 income from employer annuity #2 sp-rec flag
r13_uas99ioann2	w13 uas99 income from employer annuity #2-rec flag
s13_uas99ioann2	w13 uas99 income from employer annuity #2 sp-rec flag
r12_uas24ifann2	w12 uas24 income from employer annuity #2-imp flag
s12_uas24ifann2	w12 uas24 income from employer annuity #2 sp-imp flag
r13_uas99ifann2	w13 uas99 income from employer annuity #2-imp flag
s13_uas99ifann2	w13 uas99 income from employer annuity #2 sp-imp flag
r12_uas24mann2	w12 uas24 income from employer monthly annuity #2
s12_uas24mann2	w12 uas24 income from employer monthly annuity #2 sp
r13_uas99mann2	w13 uas99 income from employer monthly annuity #2
s13_uas99mann2	w13 uas99 income from employer monthly annuity #2 sp
r12_uas24nfann2	w12 uas24 monthly annuity #2-number of months known
s12_uas24nfann2	w12 uas24 monthly annuity #2 sp-number of months known
r13_uas99nfann2	w13 uas99 monthly annuity #2-number of months known
s13_uas99nfann2	w13 uas99 monthly annuity #2 sp-number of months known
r12_uas24nann2	w12 uas24 monthly annuity #2-number of months received
s12_uas24nann2	w12 uas24 monthly annuity #2 sp-number of months received
r13_uas99nann2	w13 uas99 monthly annuity #2-number of months received
s13_uas99nann2	w13 uas99 monthly annuity #2 sp-number of months received
r12_uas24iann3	w12 uas24 income from employer annuity #3
s12_uas24iann3	w12 uas24 income from employer annuity #3 sp

r13_uas99iann3	w13 uas99 income from employer annuity #3
s13_uas99iann3	w13 uas99 income from employer annuity #3 sp
r12_uas24ioann3	w12 uas24 income from employer annuity #3-rec flag
s12_uas24ioann3	w12 uas24 income from employer annuity #3 sp-rec flag
r13_uas99ioann3	w13 uas99 income from employer annuity #3-rec flag
s13_uas99ioann3	w13 uas99 income from employer annuity #3 sp-rec flag
r12_uas24ifann3	w12 uas24 income from employer annuity #3-imp flag
s12_uas24ifann3	w12 uas24 income from employer annuity #3 sp-imp flag
r13_uas99ifann3	w13 uas99 income from employer annuity #3-imp flag
s13_uas99ifann3	w13 uas99 income from employer annuity #3 sp-imp flag
r12_uas24mann3	w12 uas24 income from employer monthly annuity #3
s12_uas24mann3	w12 uas24 income from employer monthly annuity #3 sp
r13_uas99mann3	w13 uas99 income from employer monthly annuity #3
s13_uas99mann3	w13 uas99 income from employer monthly annuity #3 sp
r12_uas24nfann3	w12 uas24 monthly annuity #3-number of months known
s12_uas24nfann3	w12 uas24 monthly annuity #3 sp-number of months known
r13_uas99nfann3	w13 uas99 monthly annuity #3-number of months known
s13_uas99nfann3	w13 uas99 monthly annuity #3 sp-number of months known
r12_uas24nann3	w12 uas24 monthly annuity #3-number of months received
s12_uas24nann3	w12 uas24 monthly annuity #3 sp-number of months received
r13_uas99nann3	w13 uas99 monthly annuity #3-number of months received
s13_uas99nann3	w13 uas99 monthly annuity #3 sp-number of months received
r12_uas24issdi	w12 uas24 income from soc sec disability and ssi
s12_uas24issdi	w12 uas24 income from soc sec disability and ssi sp
r13_uas99issdi	w13 uas99 income from soc sec disability and ssi
s13_uas99issdi	w13 uas99 income from soc sec disability and ssi sp
r12_uas24iossdi	w12 uas24 income from soc sec disability and ssi-rec flag
s12_uas24iossdi	w12 uas24 income from soc sec disability and ssi sp-rec flag
r13_uas99iossdi	w13 uas99 income from soc sec disability and ssi-rec flag
s13_uas99iossdi	w13 uas99 income from soc sec disability and ssi sp-rec flag

r12_uas24ifssdi	w12 uas24 income from soc sec disability and ssi-imp flag
s12_uas24ifssdi	w12 uas24 income from soc sec disability and ssi sp-imp flag
r13_uas99ifssdi	w13 uas99 income from soc sec disability and ssi-imp flag
s13_uas99ifssdi	w13 uas99 income from soc sec disability and ssi sp-imp flag
r12_uas24isdi	w12 uas24 income from soc sec disability
s12_uas24isdi	w12 uas24 income from soc sec disability sp
r13_uas99isdi	w13 uas99 income from soc sec disability
s13_uas99isdi	w13 uas99 income from soc sec disability sp
r12_uas24iosdi	w12 uas24 income from soc sec disability-rec flag
s12_uas24iosdi	w12 uas24 income from soc sec disability sp-rec flag
r13_uas99iosdi	w13 uas99 income from soc sec disability-rec flag
s13_uas99iosdi	w13 uas99 income from soc sec disability sp-rec flag
r12_uas24ifsdi	w12 uas24 income from soc sec disability-imp flag
s12_uas24ifsdi	w12 uas24 income from soc sec disability sp-imp flag
r13_uas99ifsdi	w13 uas99 income from soc sec disability-imp flag
s13_uas99ifsdi	w13 uas99 income from soc sec disability sp-imp flag
r12_uas24msdi	w12 uas24 income from monthly soc sec disability
s12_uas24msdi	w12 uas24 income from monthly soc sec disability sp
r13_uas99msdi	w13 uas99 income from monthly soc sec disability
s13_uas99msdi	w13 uas99 income from monthly soc sec disability sp
r12_uas24nsdi	w12 uas24 ss disability income-number of months received
s12_uas24nsdi	w12 uas24 ss income disability sp-number of months received
r13_uas99nsdi	w13 uas99 ss disability income-number of months received
s13_uas99nsdi	w13 uas99 ss income disability sp-number of months received
r12_uas24nfsdi	w12 uas24 monthly income from soc sec disability-number of months known
s12_uas24nfsdi	w12 uas24 monthly income from soc sec disability sp-number of months known
r13_uas99nfsdi	w13 uas99 monthly income from soc sec disability-number of months known
s13_uas99nfsdi	w13 uas99 monthly income from soc sec disability sp-number of months known

r12_uas24issi	w12 uas24 income from soc sec ssi
s12_uas24issi	w12 uas24 income from soc sec ssi sp
h12_uas24issi	w12 uas24 household income from ssi
r13_uas99issi	w13 uas99 income from soc sec ssi
s13_uas99issi	w13 uas99 income from soc sec ssi sp
h13_uas99issi	w13 uas99 household income from ssi
h12_uas24iossi	w12 uas24 household income from ssi-rec flag
h13_uas99iossi	w13 uas99 household income from ssi-rec flag
h12_uas24ifssi	w12 uas24 household income from ssi-imp flag
h13_uas99ifssi	w13 uas99 household income from ssi-imp flag
h12_uas24mssi	w12 uas24 household monthly income from ssi
h13_uas99mssi	w13 uas99 household monthly income from ssi
h12_uas24nssi	w12 uas24 household monthly income from ssi-number of months received
h13_uas99nssi	w13 uas99 household monthly income from ssi-number of months received
h12_uas24nfssi	w12 uas24 household monthly income from ssi-number of months known
h13_uas99nfssi	w13 uas99 household monthly income from ssi-number of months known
r12_uas24isret	w12 uas24 income from soc sec retirement
s12_uas24isret	w12 uas24 income from soc sec retirement sp
r13_uas99isret	w13 uas99 income from soc sec retirement
s13_uas99isret	w13 uas99 income from soc sec retirement sp
r12_uas24iosret	w12 uas24 income from soc sec retirement-rec flag
s12_uas24iosret	w12 uas24 income from soc sec retirement sp-rec flag
r13_uas99iosret	w13 uas99 income from soc sec retirement-rec flag
s13_uas99iosret	w13 uas99 income from soc sec retirement sp-rec flag
r12_uas24ifsret	w12 uas24 income from soc sec retirement-imp flag
s12_uas24ifsret	w12 uas24 income from soc sec retirement sp-imp flag
r13_uas99ifsret	w13 uas99 income from soc sec retirement-imp flag
s13_uas99ifsret	w13 uas99 income from soc sec retirement sp-imp flag
r12_uas24iunwc	w12 uas24 unemployment and workers compensation
s12_uas24iunwc	w12 uas24 unemployment and workers compensation sp

r13_uas99iunwc	w13 uas99 unemployment and workers compensation
s13_uas99iunwc	w13 uas99 unemployment and workers compensation sp
r12_uas24iounwc	w12 uas24 unemployment and workers compensation-rec flag
s12_uas24iounwc	w12 uas24 unemployment and workers compensation sp-rec flag
r13_uas99iounwc	w13 uas99 unemployment and workers compensation-rec flag
s13_uas99iounwc	w13 uas99 unemployment and workers compensation sp-rec flag
r12_uas24ifunwc	w12 uas24 unemployment and workers compensation-imp flag
s12_uas24ifunwc	w12 uas24 unemployment and workers compensation sp-imp flag
r13_uas99ifunwc	w13 uas99 unemployment and workers compensation-imp flag
s13_uas99ifunwc	w13 uas99 unemployment and workers compensation sp-imp flag
r12_uas24iunem	w12 uas24 unemployment
s12_uas24iunem	w12 uas24 unemployment sp
r13_uas99iunem	w13 uas99 unemployment
s13_uas99iunem	w13 uas99 unemployment sp
r12_uas24iounem	w12 uas24 unemployment-rec flag
s12_uas24iounem	w12 uas24 unemployment sp-rec flag
r13_uas99iounem	w13 uas99 unemployment-rec flag
s13_uas99iounem	w13 uas99 unemployment sp-rec flag
r12_uas24ifunem	w12 uas24 unemployment-imp flag
s12_uas24ifunem	w12 uas24 unemployment sp-imp flag
r13_uas99ifunem	w13 uas99 unemployment-imp flag
s13_uas99ifunem	w13 uas99 unemployment sp-imp flag
r12_uas24iwcmp	w12 uas24 workers compensation
s12_uas24iwcmp	w12 uas24 workers compensation sp
r13_uas99iwcmp	w13 uas99 workers compensation
s13_uas99iwcmp	w13 uas99 workers compensation sp
r12_uas24iowcmp	w12 uas24 workers compensation-rec flag
s12_uas24iowcmp	w12 uas24 workers compensation sp-rec flag
r13_uas99iowcmp	w13 uas99 workers compensation-rec flag
s13_uas99iowcmp	w13 uas99 workers compensation sp-rec flag

r12_uas24ifwcmp	w12 uas24 workers compensation-imp flag
s12_uas24ifwcmp	w12 uas24 workers compensation sp-imp flag
r13_uas99ifwcmp	w13 uas99 workers compensation-imp flag
s13_uas99ifwcmp	w13 uas99 workers compensation sp-imp flag
r12_uas24igxfr	w12 uas24 income from other government transfers
s12_uas24igxfr	w12 uas24 income from other government transfers sp
r13_uas99igxfr	w13 uas99 income from other government transfers
s13_uas99igxfr	w13 uas99 income from other government transfers sp
r12_uas24iogxfr	w12 uas24 income from other government transfers-rec flag
s12_uas24iogxfr	w12 uas24 income from other government transfers sp-rec flag
r13_uas99iogxfr	w13 uas99 income from other government transfers-rec flag
s13_uas99iogxfr	w13 uas99 income from other government transfers sp-rec flag
r12_uas24ifgxfr	w12 uas24 income from other government transfers-imp flag
s12_uas24ifgxfr	w12 uas24 income from other government transfers sp-imp flag
r13_uas99ifgxfr	w13 uas99 income from other government transfers-imp flag
s13_uas99ifgxfr	w13 uas99 income from other government transfers sp-imp flag
r12_uas24ivet	w12 uas24 veteran benefits
s12_uas24ivet	w12 uas24 veteran benefits sp
r13_uas99ivet	w13 uas99 veteran benefits
s13_uas99ivet	w13 uas99 veteran benefits sp
r12_uas24iovet	w12 uas24 veteran benefits-rec flag
s12_uas24iovet	w12 uas24 veteran benefits sp-rec flag
r13_uas99iovet	w13 uas99 veteran benefits-rec flag
s13_uas99iovet	w13 uas99 veteran benefits sp-rec flag
r12_uas24ifvet	w12 uas24 veteran benefits-imp flag
s12_uas24ifvet	w12 uas24 veteran benefits sp-imp flag
r13_uas99ifvet	w13 uas99 veteran benefits-imp flag
s13_uas99ifvet	w13 uas99 veteran benefits sp-imp flag
r12_uas24mvet	w12 uas24 monthly veteran benefits
s12_uas24mvet	w12 uas24 monthly veteran benefits sp

r13_uas99mvet	w13 uas99 monthly veteran benefits
s13_uas99mvet	w13 uas99 monthly veteran benefits sp
r12_uas24nvet	w12 uas24 veteran benefits-number of months received
s12_uas24nvet	w12 uas24 veteran benefits sp-number of months received
r13_uas99nvet	w13 uas99 veteran benefits-number of months received
s13_uas99nvet	w13 uas99 veteran benefits sp-number of months received
r12_uas24nfvet	w12 uas24 veteran benefits-number of months known
s12_uas24nfvet	w12 uas24 veteran benefits sp-number of months known
r13_uas99nfvet	w13 uas99 veteran benefits-number of months known
s13_uas99nfvet	w13 uas99 veteran benefits sp-number of months known
h12_uas24iwelf	w12 uas24 household income from welfare
h13_uas99iwelf	w13 uas99 household income from welfare
h12_uas24iowelf	w12 uas24 household income from welfare-rec flag
h13_uas99iowelf	w13 uas99 household income from welfare-rec flag
h12_uas24ifwelf	w12 uas24 household income from welfare-imp flag
h13_uas99ifwelf	w13 uas99 household income from welfare-imp flag
h12_uas24ifood	w12 uas24 household amount of food stamps
h13_uas99ifood	w13 uas99 household amount of food stamps
h12_uas24iofood	w12 uas24 household amount of food stamps-rec flag
h13_uas99iofood	w13 uas99 household amount of food stamps-rec flag
h12_uas24iffood	w12 uas24 household amount of food stamps-imp flag
h13_uas99iffood	w13 uas99 household amount of food stamps-imp flag
h12_uas24mfood	w12 uas24 household monthly amount of food stamps
h13_uas99mfood	w13 uas99 household monthly amount of food stamps
h12_uas24nfood	w12 uas24 household amount of food stamps-number of months received
h13_uas99nfood	w13 uas99 household amount of food stamps-number of months received
h12_uas24nffood	w12 uas24 household amount of food stamps-number of months known
h13_uas99nffood	w13 uas99 household amount of food stamps-number of months known
h12_uas24iothr	w12 uas24 all other household income
h13_uas99iothr	w13 uas99 all other household income

h12_uas24ioothr	w12 uas24 all other household income-rec flag
h13_uas99ioothr	w13 uas99 all other household income-rec flag
h12_uas24ifothr	w12 uas24 all other household income-imp flag
h13_uas99ifothr	w13 uas99 all other household income-imp flag
h12_uas24ilump1	w12 uas24 household lump sum #1
h13_uas99ilump1	w13 uas99 household lump sum #1
h12_uas24iolump1	w12 uas24 household lump sum #1-rec flag
h13_uas99iolump1	w13 uas99 household lump sum #1-rec flag
h12_uas24iflump1	w12 uas24 household lump sum #1-imp flag
h13_uas99iflump1	w13 uas99 household lump sum #1-imp flag
h12_uas24ilump2	w12 uas24 household lump sum #2
h13_uas99ilump2	w13 uas99 household lump sum #2
h12_uas24iolump2	w12 uas24 household lump sum #2-rec flag
h13_uas99iolump2	w13 uas99 household lump sum #2-rec flag
h12_uas24iflump2	w12 uas24 household lump sum #2-imp flag
h13_uas99iflump2	w13 uas99 household lump sum #2-imp flag
h12_uas24ilump3	w12 uas24 household lump sum #3
h13_uas99ilump3	w13 uas99 household lump sum #3
h12_uas24iolump3	w12 uas24 household lump sum #3-rec flag
h13_uas99iolump3	w13 uas99 household lump sum #3-rec flag
h12_uas24iflump3	w12 uas24 household lump sum #3-imp flag
h13_uas99iflump3	w13 uas99 household lump sum #3-imp flag
h12_uas24iluyr1	w12 uas24 household lump sum year 1
h13_uas99iluyr1	w13 uas99 household lump sum year 1
h12_uas24ioluyr1	w12 uas24 household lump sum year 1-rec flag
h13_uas99ioluyr1	w13 uas99 household lump sum year 1-rec flag
h12_uas24ifluyr1	w12 uas24 household lump sum year 1-imp flag
h13_uas99ifluyr1	w13 uas99 household lump sum year 1-imp flag
h12_uas24iluyr2	w12 uas24 household lump sum year 2
h13_uas99iluyr2	w13 uas99 household lump sum year 2

h12_uas24ioluyr2	w12 uas24 household lump sum year 2-rec flag
h13_uas99ioluyr2	w13 uas99 household lump sum year 2-rec flag
h12_uas24ifluyr2	w12 uas24 household lump sum year 2-imp flag
h13_uas99ifluyr2	w13 uas99 household lump sum year 2-imp flag
h12_uas24iluyr3	w12 uas24 household lump sum year 3
h13_uas99iluyr3	w13 uas99 household lump sum year 3
h12_uas24ioluyr3	w12 uas24 household lump sum year 3-rec flag
h13_uas99ioluyr3	w13 uas99 household lump sum year 3-rec flag
h12_uas24ifluyr3	w12 uas24 household lump sum year 3-imp flag
h13_uas99ifluyr3	w13 uas99 household lump sum year 3-imp flag
h12_uas24iothi1	w12 uas24 other household income #1
h13_uas99iothi1	w13 uas99 other household income #1
h12_uas24ioothi1	w12 uas24 other household income #1-rec flag
h13_uas99ioothi1	w13 uas99 other household income #1-rec flag
h12_uas24ifothi1	w12 uas24 other household income #1-imp flag
h13_uas99ifothi1	w13 uas99 other household income #1-imp flag
h12_uas24iothi2	w12 uas24 other household income #2
h13_uas99iothi2	w13 uas99 other household income #2
h12_uas24ioothi2	w12 uas24 other household income #2-rec flag
h13_uas99ioothi2	w13 uas99 other household income #2-rec flag
h12_uas24ifothi2	w12 uas24 other household income #2-imp flag
h13_uas99ifothi2	w13 uas99 other household income #2-imp flag
r12_uas24isemp	w12 uas24 self-employment income
s12_uas24isemp	w12 uas24 self-employment income sp
r13_uas99isemp	w13 uas99 self-employment income
s13_uas99isemp	w13 uas99 self-employment income sp
r12_uas24iosemp	w12 uas24 self-employment income-rec flag
s12_uas24iosemp	w12 uas24 self-employment income sp-rec flag
r13_uas99iosemp	w13 uas99 self-employment income-rec flag
s13_uas99iosemp	w13 uas99 self-employment income sp-rec flag

r12_uas24ifsemp	w12 uas24 self-employment income-imp flag
s12_uas24ifsemp	w12 uas24 self-employment income sp-imp flag
r13_uas99ifsemp	w13 uas99 self-employment income-imp flag
s13_uas99ifsemp	w13 uas99 self-employment income sp-imp flag
h12_uas24idivin	w12 uas24 dividend income
h13_uas99idivin	w13 uas99 dividend income
h12_uas24iodivin	w12 uas24 dividend income-rec flag
h13_uas99iodivin	w13 uas99 dividend income-rec flag
h12_uas24ifdivin	w12 uas24 dividend income-imp flag
h13_uas99ifdivin	w13 uas99 dividend income-imp flag
h12_uas24ibndin	w12 uas24 bonds income
h13_uas99ibndin	w13 uas99 bonds income
h12_uas24iobndin	w12 uas24 bonds income-rec flag
h13_uas99iobndin	w13 uas99 bonds income-rec flag
h12_uas24ifbndin	w12 uas24 bonds income-imp flag
h13_uas99ifbndin	w13 uas99 bonds income-imp flag
h12_uas24ichkin	w12 uas24 checking/savings income
h13_uas99ichkin	w13 uas99 checking/savings income
h12_uas24iochkin	w12 uas24 checking/savings income-rec flag
h13_uas99iochkin	w13 uas99 checking/savings income-rec flag
h12_uas24ifchkin	w12 uas24 checking/savings income-imp flag
h13_uas99ifchkin	w13 uas99 checking/savings income-imp flag
h12_uas24icdin	w12 uas24 cd income
h13_uas99icdin	w13 uas99 cd income
h12_uas24iocdin	w12 uas24 cd income-rec flag
h13_uas99iocdin	w13 uas99 cd income-rec flag
h12_uas24ifcdin	w12 uas24 cd income-imp flag
h13_uas99ifcdin	w13 uas99 cd income-imp flag
r12_uas24mss	w12 uas24 income from monthly ssi
s12_uas24mss	w12 uas24 income from monthly ssi sp

r13_uas99mss	w13 uas99 income from monthly ssi
s13_uas99mss	w13 uas99 income from monthly ssi sp
r12_uas24nss	w12 uas24 income from monthly ssi-number of months received
s12_uas24nss	w12 uas24 income from monthly ssi-number of months received
r13_uas99nss	w13 uas99 income from monthly ssi-number of months received
s13_uas99nss	w13 uas99 income from monthly ssi-number of months received
r12_uas24ioss	w12 uas24 income from soc sec ssi-rec flag
s12_uas24ioss	w12 uas24 income from soc sec ssi sp-rec flag
r13_uas99ioss	w13 uas99 income from soc sec ssi-rec flag
s13_uas99ioss	w13 uas99 income from soc sec ssi sp-rec flag
r12_uas24ifss	w12 uas24 income from soc sec ssi-imp flag
s12_uas24ifss	w12 uas24 income from soc sec ssi sp-imp flag
r13_uas99ifss	w13 uas99 income from soc sec ssi-imp flag
s13_uas99ifss	w13 uas99 income from soc sec ssi sp-imp flag
r12_uas24nfss	w12 uas24 income from monthly ssi-number of months known
s12_uas24nfss	w12 uas24 income from monthly ssi sp-number of months known
r13_uas99nfss	w13 uas99 income from monthly ssi-number of months known
s13_uas99nfss	w13 uas99 income from monthly ssi sp-number of months known

Table B.2 Wealth Variables in the Component File

Variable Name	Variable Label
h12_uas24arles	w12 uas24 net value of real estate that is not primary residence
h13_uas99arles	w13 uas99 net value of real estate that is not primary residence
h12_uas24aorles	w12 uas24 net value of real estate that is not primary residence-owns flag
h13_uas99aorles	w13 uas99 net value of real estate that is not primary residence-owns flag
h12_uas24afirles	w12 uas24 net value of real estate that is not primary residence-imp flag
h13_uas99afirles	w13 uas99 net value of real estate that is not primary residence-imp flag
h12_uas24atran	w12 uas24 net value of vehicles
h13_uas99atran	w13 uas99 net value of vehicles
h12_uas24aotran	w12 uas24 net value of vehicles-owns flag
h13_uas99aotran	w13 uas99 net value of vehicles-owns flag
h12_uas24aftran	w12 uas24 net value of vehicles-imp flag
h13_uas99aftran	w13 uas99 net value of vehicles-imp flag
h12_uas24absns	w12 uas24 net value of businesses
h13_uas99absns	w13 uas99 net value of businesses
h12_uas24aobsns	w12 uas24 net value of businesses-owns flag
h13_uas99aobsns	w13 uas99 net value of businesses-owns flag
h12_uas24afbsns	w12 uas24 net value of businesses-imp flag
h13_uas99afbsns	w13 uas99 net value of businesses-imp flag
h12_uas24aira	w12 uas24 net value of ira, keogh accounts
h13_uas99aira	w13 uas99 net value of ira, keogh accounts
h12_uas24aira1	w12 uas24 net value of ira, keogh accounts 1st largest
h13_uas99aira1	w13 uas99 net value of ira, keogh accounts 1st largest
h12_uas24aira2	w12 uas24 net value of ira, keogh accounts 2nd largest
h13_uas99aira2	w13 uas99 net value of ira, keogh accounts 2nd largest
h12_uas24aira3	w12 uas24 net value of ira, keogh accounts 3rd largest/all others
h13_uas99aira3	w13 uas99 net value of ira, keogh accounts 3rd largest/all others
h12_uas24aoira	w12 uas24 net value of ira, keogh accounts-owns flag
h13_uas99aoira	w13 uas99 net value of ira, keogh accounts-owns flag

h12_uas24aoira1	w12 uas24 net value of ira, keogh accounts 1st largest-owns flag
h13_uas99aoira1	w13 uas99 net value of ira, keogh accounts 1st largest-owns flag
h12_uas24aoira2	w12 uas24 net value of ira, keogh accounts 2nd largest-owns flag
h13_uas99aoira2	w13 uas99 net value of ira, keogh accounts 2nd largest-owns flag
h12_uas24aoira3	w12 uas24 net value of ira, keogh accounts 3rd largest/all others-owns flag
h13_uas99aoira3	w13 uas99 net value of ira, keogh accounts 3rd largest/all others-owns flag
h12_uas24afira	w12 uas24 net value of ira, keogh accounts-imp flag
h13_uas99afira	w13 uas99 net value of ira, keogh accounts-imp flag
h12_uas24afira1	w12 uas24 net value of ira, keogh accounts 1st largest-imp flag
h13_uas99afira1	w13 uas99 net value of ira, keogh accounts 1st largest-imp flag
h12_uas24afira2	w12 uas24 net value of ira, keogh accounts 2nd largest-imp flag
h13_uas99afira2	w13 uas99 net value of ira, keogh accounts 2nd largest-imp flag
h12_uas24afira3	w12 uas24 net value of ira, keogh accounts 3rd largest/all others-imp flag
h13_uas99afira3	w13 uas99 net value of ira, keogh accounts 3rd largest/all others-imp flag
h12_uas24astck	w12 uas24 net value of stocks, mutual funds, and investment trusts
h13_uas99astck	w13 uas99 net value of stocks, mutual funds, and investment trusts
h12_uas24aostck	w12 uas24 net value of stocks, mutual funds, and investment trusts-owns flag
h13_uas99aostck	w13 uas99 net value of stocks, mutual funds, and investment trusts-owns flag
h12_uas24afstck	w12 uas24 net value of stocks, mutual funds, and investment trusts-imp flag
h13_uas99afstck	w13 uas99 net value of stocks, mutual funds, and investment trusts-imp flag
h12_uas24achck	w12 uas24 value of checking, savings, or money market accounts
h13_uas99achck	w13 uas99 value of checking, savings, or money market accounts
h12_uas24aochck	w12 uas24 value of checking, savings, or money market accounts-owns flag
h13_uas99aochck	w13 uas99 value of checking, savings, or money market accounts-owns flag
h12_uas24afchck	w12 uas24 value of checking, savings, or money market accounts-imp flag
h13_uas99afchck	w13 uas99 value of checking, savings, or money market accounts-imp flag
h12_uas24acd	w12 uas24 value of cd, government savings bonds, and t-bills
h13_uas99acd	w13 uas99 value of cd, government savings bonds, and t-bills
h12_uas24aoacd	w12 uas24 value of cd, government savings bonds, and t-bills-owns flag
h13_uas99aoacd	w13 uas99 value of cd, government savings bonds, and t-bills-owns flag

h12_uas24afcd	w12 uas24 value of cd, government savings bonds, and t-bills-imp flag
h13_uas99afcd	w13 uas99 value of cd, government savings bonds, and t-bills-imp flag
h12_uas24abond	w12 uas24 net value of bonds and bond funds
h13_uas99abond	w13 uas99 net value of bonds and bond funds
h12_uas24aobond	w12 uas24 net value of bonds and bond funds-owns flag
h13_uas99aobond	w13 uas99 net value of bonds and bond funds-owns flag
h12_uas24afbond	w12 uas24 net value of bonds and bond funds-imp flag
h13_uas99afbond	w13 uas99 net value of bonds and bond funds-imp flag
h12_uas24aothr	w12 uas24 net value of all other savings
h13_uas99aothr	w13 uas99 net value of all other savings
h12_uas24aoothr	w12 uas24 net value of all other savings-owns flag
h13_uas99aoothr	w13 uas99 net value of all other savings-owns flag
h12_uas24afothr	w12 uas24 net value of all other savings-imp flag
h13_uas99afothr	w13 uas99 net value of all other savings-imp flag
h12_uas24adebt	w12 uas24 value of other debt[not yet asked about]
h13_uas99adebt	w13 uas99 value of other debt[not yet asked about]
h12_uas24aodebt	w12 uas24 value of other debt[not yet asked about]-owns flag
h13_uas99aodebt	w13 uas99 value of other debt[not yet asked about]-owns flag
h12_uas24afdebt	w12 uas24 value of other debt-imp flag
h13_uas99afdebt	w13 uas99 value of other debt-imp flag
h12_uas24atrst	w12 uas24 value of trust
h13_uas99atrst	w13 uas99 value of trust
h12_uas24aotrst	w12 uas24 value of trust-owns flag
h13_uas99aotrst	w13 uas99 value of trust-owns flag
h12_uas24aftrst	w12 uas24 value of trust-imp flag
h13_uas99aftrst	w13 uas99 value of trust-imp flag
h12_uas21ahous	w12 uas21 value of primary residence
h13_uas96ahous	w13 uas96 value of primary residence
h12_uas21aohous	w12 uas21 value of primary residence-owns flag
h13_uas96aohous	w13 uas96 value of primary residence-owns flag

h12_uas21afhous	w12 uas21 value of primary residence-imp flag
h13_uas96afhous	w13 uas96 value of primary residence-imp flag
h12_uas21ahou1	w12 uas21 value of primary residence/house
h13_uas96ahou1	w13 uas96 value of primary residence/house
h12_uas21aohou1	w12 uas21 value of primary residence/house-owns flag
h13_uas96aohou1	w13 uas96 value of primary residence/house-owns flag
h12_uas21afhou1	w12 uas21 value of primary residence/house-imp flag
h13_uas96afhou1	w13 uas96 value of primary residence/house-imp flag
h12_uas21amobl	w12 uas21 value of primary residence/mobile home
h13_uas96amobl	w13 uas96 value of primary residence/mobile home
h12_uas21aomobl	w12 uas21 value of primary residence/mobile home-owns flag
h13_uas96aomobl	w13 uas96 value of primary residence/mobile home-owns flag
h12_uas21afmobl	w12 uas21 value of primary residence/mobile home-imp flag
h13_uas96afmobl	w13 uas96 value of primary residence/mobile home-imp flag
h12_uas21amort	w12 uas21 value of all mortgages/land contracts on primary residence
h13_uas96amort	w13 uas96 value of all mortgages/land contracts on primary residence
h12_uas21aomort	w12 uas21 value of all mortgages/land contracts on primary residence-owns flag
h13_uas96aomort	w13 uas96 value of all mortgages/land contracts on primary residence-owns flag
h12_uas21afmort	w12 uas21 value of all mortgages/land contracts on primary residence-imp flag
h13_uas96afmort	w13 uas96 value of all mortgages/land contracts on primary residence-imp flag
h12_uas21amrt1	w12 uas21 value of 1st mortgage
h13_uas96amrt1	w13 uas96 value of 1st mortgage
h12_uas21aomrt1	w12 uas21 value of 1st mortgage-owns flag
h13_uas96aomrt1	w13 uas96 value of 1st mortgage-owns flag
h12_uas21afmrt1	w12 uas21 value of 1st mortgage-imp flag
h13_uas96afmrt1	w13 uas96 value of 1st mortgage-imp flag
h12_uas21amrt2	w12 uas21 value of 2nd mortgage

h13_uas96amrt2	w13 uas96 value of 2nd mortgage
h12_uas21aomrt2	w12 uas21 value of 2nd mortgage-owns flag
h13_uas96aomrt2	w13 uas96 value of 2nd mortgage-owns flag
h12_uas21afmrt2	w12 uas21 value of 2nd mortgage-imp flag
h13_uas96afmrt2	w13 uas96 value of 2nd mortgage-imp flag
h12_uas21ahmln	w12 uas21 value of other home loans on primary residence
h13_uas96ahmln	w13 uas96 value of other home loans on primary residence
h12_uas21aohmln	w12 uas21 value of other home loans on primary residence-owns flag
h13_uas96aohmln	w13 uas96 value of other home loans on primary residence-owns flag
h12_uas21afhmln	w12 uas21 value of other home loans on primary residence-imp flag
h13_uas96afhmln	w13 uas96 value of other home loans on primary residence-imp flag
h12_uas21aeqcd	w12 uas21 value of home equity line of credit
h13_uas96aeqcd	w13 uas96 value of home equity line of credit
h12_uas21aoeqcd	w12 uas21 value of home equity line of credit-owns flag
h13_uas96aoeqcd	w13 uas96 value of home equity line of credit-owns flag
h12_uas21afeqcd	w12 uas21 value of home equity line of credit-imp flag
h13_uas96afeqcd	w13 uas96 value of home equity line of credit-imp flag
h12_uas21aeqln	w12 uas21 value of any other home loans on primary residence
h13_uas96aeqln	w13 uas96 value of any other home loans on primary residence
h12_uas21aoeqln	w12 uas21 value of any other home loans on primary residence-owns flag
h13_uas96aoeqln	w13 uas96 value of any other home loans on primary residence-owns flag
h12_uas21afeqln	w12 uas21 value of any other home loans on primary residence-imp flag
h13_uas96afeqln	w13 uas96 value of any other home loans on primary residence-imp flag
h12_uas21ahoub	w12 uas21 value of secondary residence
h13_uas96ahoub	w13 uas96 value of secondary residence
h12_uas21aohoub	w12 uas21 value of secondary residence-owns flag
h13_uas96aohoub	w13 uas96 value of secondary residence-owns flag
h12_uas21afhoub	w12 uas21 value of secondary residence-imp flag
h13_uas96afhoub	w13 uas96 value of secondary residence-imp flag
h12_uas21amrtb	w12 uas21 value of all mortgages/land contracts on secondary residence

h13_uas96amrtb	w13 uas96 value of all mortgages/land contracts on secondary residence
h12_uas21aomrtb	w12 uas21 value of all mortgages/land contracts on secondary residence-owns flag
h13_uas96aomrtb	w13 uas96 value of all mortgages/land contracts on secondary residence-owns flag
h12_uas21afmrtb	w12 uas21 value of all mortgages/land contracts on secondary residence-imp flag
h13_uas96afmrtb	w13 uas96 value of all mortgages/land contracts on secondary residence-imp flag